### Assessment and Repair - Repair Criteria (O and M)

102 A85(a) (102 A85(b): 102 A85(c): 102 702(b))	Sat+	Sat	Concern	Unsat	NΑ	N C
.192.485(a) (192.485(b); 192.485(c); 192.703(b))	Заст	Sat	Concern	Ulisat	NA	NC
Notes						
2. Repair Criteria in Non-Covered Segments, did the operator repair conditions that posed a three AR.RCOM.NONCOVERED.R) (confirm)						egrity
.92.485(a) (192.485(b); 192.485(c); 191.23(a)(1); 192.703(b))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
, , , , , , , , , , , , , , , , , , , ,	OM.O) (det	ail)				
emediation adequate for all segments? (AR.RCOM.REMEDIATION			Concern	diation and	N A	n C
emediation adequate for all segments? (AR.RCOM.REMEDIATION 92.485(a) (192.485(b); 192.485(c))  Notes  4. Alternative Maximum Allowable Opera detail) If the pipeline operates using an alternative maximum	Sat+  sting Pre	Sat  Sat  Ssat	Concern  per 192.62  pressure per 1	Unsat	NA SMYS I	NC
Permediation adequate for all segments? (AR.RCOM.REMEDIATION 1.92.485(a) (192.485(b); 192.485(c))  Notes  4. Alternative Maximum Allowable Opera (detail) If the pipeline operates using an alternative maximum the procedures meet the requirements of the permit or 192.620?	OM.O) (det  Sat+  Ating Pre  allowable of  (AR.RCOM.	essure   operating RCAMAOR	per 192.62 pressure per 1	Unsat 20 (80% 192.620 (80	NA SMYS I	NC Rule);
Permediation adequate for all segments? (AR.RCOM.REMEDIATION 192.485(a) (192.485(b); 192.485(c))  Notes  4. Alternative Maximum Allowable Opera (detail) If the pipeline operates using an alternative maximum	Sat+  sting Pre	Sat  Sat  Ssat	Concern  per 192.62  pressure per 1	Unsat	NA SMYS I	NC

192.620(d)

Notes

Sat+

Sat

Concern Unsat

NΑ

NC

### **Assessment and Repair - Confirmatory Direct Assessment**

2. Qualification of Operator/Vendor Personnel Who Evaluate CDA Results (detail) Do records demonstrate that operator/vendor personnel, including supervisors, who conduct assessments or review assessment results, are qualified for the tasks they perform? (AR.CDA.CDAREVQUAL.R) (detail)  192.947(h) (192.915(a); 192.915(b))  3. Qualification of Operator/Vendor Personnel Who Evaluate CDA Results (detail) From the observation of selected integrity assessments, are operator and vendor personnel, including supervisors, who conduct assessments or review assessment results, qualified for the tasks they perform? (AR.CDA.CDAREVQUAL.O) (detail)  192.915(a) (192.915(b))  Sat+ Sat Concern Unsat NA N  Notes  4. CDA Plan (confirm) Is an adequate Confirmatory Direct Assessment Plan in place? (AR.CDA.CDAPLAN.P) (confirm)	appropriate training, experience, and qualification crit		1		Unsat	NI A	N C
2. Qualification of Operator/Vendor Personnel Who Evaluate CDA Results (detail) Do records demonstrate that operator/vendor personnel, including supervisors, who conduct assessments or review assessment results, are qualified for the tasks they perform? (AR.CDA.CDAREVQUAL.R) (detail)  192.947(h) (192.915(a); 192.915(b))  3. Qualification of Operator/Vendor Personnel Who Evaluate CDA Results (detail) From the observation of selected integrity assessments, are operator and vendor personnel, including supervisors, who conduct reassessments or review assessment results, qualified for the tasks they perform? (AR.CDA.CDAREVQUAL.O) (detail)  192.915(a) (192.915(b))  Sat + Sat Concern Unsat NA N  Notes  4. CDA Plan (confirm) Is an adequate Confirmatory Direct Assessment Plan in place? (AR.CDA.CDAPLAN.P) (confirm)  192.931(a) (192.931(b); 192.931(c); 192.931(d))  Sat + Sat Concern Unsat NA N	192.915(a) (192.915(b))	Sat+	Sat	Concern	Unsat	NA	N
accords demonstrate that operator/vendor personnel, including supervisors, who conduct assessments or review assessment esults, are qualified for the tasks they perform? (AR.CDA.CDAREVQUAL.R) (detail)  92.947(h) (192.915(a); 192.915(b))  3. Qualification of Operator/Vendor Personnel Who Evaluate CDA Results (detail) From the observation of selected integrity assessments, are operator and vendor personnel, including supervisors, who conduct issessments or review assessment results, qualified for the tasks they perform? (AR.CDA.CDAREVQUAL.O) (detail)  92.915(a) (192.915(b))  Sat + Sat Concern Unsat NA N  Notes  4. CDA Plan (confirm) Is an adequate Confirmatory Direct Assessment Plan in place? (AR.CDA.CDAPLAN.P) confirm)  92.931(a) (192.931(b); 192.931(c); 192.931(d))  Sat + Sat Concern Unsat NA N	Notes				<u> </u>		
3. Qualification of Operator/Vendor Personnel Who Evaluate CDA Results (detail) From the observation of selected integrity assessments, are operator and vendor personnel, including supervisors, who conduct issessments or review assessment results, qualified for the tasks they perform? (AR.CDA.CDAREVQUAL.O) (detail)  92.915(a) (192.915(b))  Sat+ Sat Concern Unsat NA N  Notes  4. CDA Plan (confirm) Is an adequate Confirmatory Direct Assessment Plan in place? (AR.CDA.CDAPLAN.P) confirm)  92.931(a) (192.931(b); 192.931(c); 192.931(d))  Sat+ Sat Concern Unsat NA N	ecords demonstrate that operator/vendor personnel,	including supervisors,	who cond				
3. Qualification of Operator/Vendor Personnel Who Evaluate CDA Results (detail) From the observation of selected integrity assessments, are operator and vendor personnel, including supervisors, who conduct assessments or review assessment results, qualified for the tasks they perform? (AR.CDA.CDAREVQUAL.O) (detail)  192.915(a) (192.915(b))  Sat + Sat Concern Unsat NA N  Notes  4. CDA Plan (confirm) Is an adequate Confirmatory Direct Assessment Plan in place? (AR.CDA.CDAPLAN.P) confirm)  192.931(a) (192.931(b); 192.931(c); 192.931(d))  Sat + Sat Concern Unsat NA N	.92.947(h) (192.915(a); 192.915(b))	Sat+	Sat	Concern	Unsat	NA	N (
4. CDA Plan (confirm) Is an adequate Confirmatory Direct Assessment Plan in place? (AR.CDA.CDAPLAN.P) (confirm)  192.931(a) (192.931(b); 192.931(c); 192.931(d))  Sat+ Sat Concern Unsat NA N	Notes		ı				
4. CDA Plan (confirm) Is an adequate Confirmatory Direct Assessment Plan in place? (AR.CDA.CDAPLAN.P) confirm)  92.931(a) (192.931(b); 192.931(c); 192.931(d))  Sat+ Sat Concern Unsat NA N	3. Qualification of Operator/Ver the observation of selected integrity assessments, are assessments or review assessment results, qualified for	operator and vendor por the tasks they perfo	personnel, rm? (AR.C	including supe CDA.CDAREVQ	ervisors, wh UAL.O) (det	o conduct ail)	:
192.931(a) (192.931(b); 192.931(c); 192.931(d))  Sat+ Sat Concern Unsat NA N	3. Qualification of Operator/Ver the observation of selected integrity assessments, are assessments or review assessment results, qualified for	operator and vendor por the tasks they perfo	personnel, rm? (AR.C	including supe CDA.CDAREVQ	ervisors, wh UAL.O) (det	o conduct ail)	:
	3. Qualification of Operator/Ver the observation of selected integrity assessments, are assessments or review assessment results, qualified for 192.915(a) (192.915(b))  Notes	operator and vendor per the tasks they perfo	personnel, rm? (AR.C Sat	including super CDA.CDAREVQI Concern	ervisors, wh UAL.O) (det Unsat	no conducti rail) NA	N (
Notes	3. Qualification of Operator/Ver the observation of selected integrity assessments, are assessments or review assessment results, qualified for 192.915(a) (192.915(b))  Notes  4. CDA Plan (confirm) Is an adequate (confirm)	operator and vendor por the tasks they perform Sat+	personnel, rm? (AR.C Sat	including superDA.CDAREVQ	ervisors, who UAL.O) (det Unsat	no conductive (ail)  NA	I.P)
	3. Qualification of Operator/Ver the observation of selected integrity assessments, are assessments or review assessment results, qualified for 192.915(a) (192.915(b))  Notes  4. CDA Plan (confirm) Is an adequate (confirm)	operator and vendor por the tasks they perform Sat+	personnel, rm? (AR.C Sat	including superDA.CDAREVQ	ervisors, who UAL.O) (det Unsat	no conductive (ail)  NA	N (

192.947(h) (192.931(b))	Sat+	Sat	Concern	Unsat	NΑ	NC
Notes	<u> </u>					
6. Internal Corrosion Plan (detail)	Do records demon	strate tha	t the internal c	corrosion pla	an was pro	perly
implemented? (AR.CDA.CDAINTCORR.R) (detail) 192.947(h) (192.931(c))	Sat+	Sat	Concern	Unsat	N A	NC
192.947(11) (192.931(0))	Sati	Jac	Concern	Olisat		
Notes						
7 Domodistics of Indications (det	-:I) 5					
7. Remediation of Indications (detaccelerated? (AR.CDA.CDAINDICATION.R) (detail)	all) Do recoras a	emonstrat	te that the nex	t assessme	nt snouia .	nave bee
	C-+ 1	Sat	Concern	Unsat	NA	NC
192.947(n) (192.931(d))	Sat+	Sat	CONCCIN	0546		
192.947(n) (192.931(d))	Sat+	Sat	Concern	Jiida		
Notes	Satt	Sat	Concern	O II Da C		
	Sat+	Sat	Concern			
192.947(h) (192.931(d))  Notes	Sat+	Sat	Concern			
	Sat+	Sat	Concern			
	Sat+	Sat	Concern			
	Sat+	Sat				
	Sat+	Sat	Concern			
Notes					smen	
Notes Assessment and Repair - Exte					smen	t
					smen	t
Assessment and Repair - Exte (ECDA)	rnal Corro	osion	Direct A	Assess		
Assessment and Repair - Exte (ECDA)  1. Qualification of Operator/Vendo	rnal Corro	<b>Osion</b> Vho Eva	Direct	<b>Assess</b> A Result	s (deta	<b>il)</b> Does
Assessment and Repair - Exte (ECDA)  1. Qualification of Operator/Vendo the process require that operator/vendor personnel (include	rnal Corro	Osion Who Eva	Direct	<b>Assess</b> A Result	s (deta	<b>il)</b> Does
Assessment and Repair - Exte (ECDA)	rnal Corro	Osion Who Eva	Direct	<b>Assess</b> A Result	s (deta	<b>il)</b> Does

00 047(-) (100 015(-), 100 015(-))	erform? (AR.EC.ECDARE		1		N. A	N.C
.92.947(g) (192.915(a); 192.915(b))	Sat+	Sat	Concern	Unsat	NA	NC
Notes		l				
3. Qualification of Operator/Vene observation of selected integrity assessments, arassessments or review assessment results, qualified	e operator and vendor p	ersonnel,	including sup	ervisors, wh	o conduct	
92.915(a) (192.915(b))	Sat+	Sat	Concern	Unsat	N A	NO
Notes						
AR.EC.ECDAPLAN.P) (confirm) 92.925(a) (192.925(b))	Sat+	Sat	Concern	Unsat	N A	N C
	Jul 1	Sat	Concern	Ulisat	NA	
Notes  5. ECDA Pre-Assessment (deta	<b>il)</b> Do records demonst	rate that t	the ECDA pre-			
Notes  5. ECDA Pre-Assessment (deta with NACE SP0502-2008 Section 3 and 192.925(b)(1	<b>il)</b> Do records demonst	rate that t	the ECDA pre-			
<b>5. ECDA Pre-Assessment (deta</b> vith NACE SP0502-2008 Section 3 and 192.925(b)(192.947(g) (192.925(b)(1))	<b>il)</b> <i>Do records demonst</i> )? (AR.EC.ECDAPREASS	rate that (ESS.R) (c	the ECDA pre-detail)	assessment	process c	romplie
5. ECDA Pre-Assessment (deta with NACE SP0502-2008 Section 3 and 192.925(b)(192.947(g) (192.925(b)(1))  Notes  6. Integration of ECDA Results	il) Do records demonst )? (AR.EC.ECDAPREASS Sat+	rate that it is ESS.R) (constitution	the ECDA predetail) Concern	assessment Unsat	process o	omplie N C
5. ECDA Pre-Assessment (deta with NACE SP0502-2008 Section 3 and 192.925(b)(1 92.947(g) (192.925(b)(1))	il) Do records demonst )? (AR.EC.ECDAPREASS Sat+	rate that it is ESS.R) (constitution	the ECDA predetail) Concern	assessment Unsat	process o	omplie N C
5. ECDA Pre-Assessment (deta with NACE SP0502-2008 Section 3 and 192.925(b)(1 92.947(g) (192.925(b)(1)) Notes  6. Integration of ECDA Results CDA results with other information adequate? (AR.E.	il) Do records demonst )? (AR.EC.ECDAPREASS Sat+  with other Information.EC.ECDAINTEGRATION.E	rate that the ESS.R) (construction (confirm	the ECDA predetail) Concern (confirm)	assessment Unsat  Is the proce	process o	egratin

	Sat+	Sat	Concern	Unsat	NA	NC
Notes	'					
8. ECDA Region Identification	<b>on (detail)</b> Do records de	monstrate	e that the oper	ator identif	ied ECDA	Regions
(AR.EC.ECDAREGION.R) (detail)	Sat+	Sat	Concern	Unsat	N A	NC
.92.947(g) (192.925(b)(1))	Заст	Sat	Concern	Ulisat	NA	NC
Notes						
Notes						
9. ECDA Indirect Examination	on (detail) Do records de	emonstrate	e that ECDA in	direct inspe	ection proc	ess
complied with NACE SP0502-2008 Section 4 and						
.192.947(g) (192.925(b)(2))	Sat+	Sat	Concern	Unsat	NA	NC
Notes		ı				
Notes						
Notes						
10. ECDA Direct Examinatio						
10. ECDA Direct Examinatio data collection were performed in accordance w						
10. ECDA Direct Examinatio  data collection were performed in accordance w  (AR.EC.ECDADIRECT.R) (detail)				ME B31.8S,		
10. ECDA Direct Examinatio data collection were performed in accordance w AR.EC.ECDADIRECT.R) (detail)	ith NACE SP0502-2008, Sect	ions 5 and	1 6.4.2 and AS	ME B31.8S,	Section 6	5.4?
10. ECDA Direct Examinatio  data collection were performed in accordance w  (AR.EC.ECDADIRECT.R) (detail)	ith NACE SP0502-2008, Sect	ions 5 and	1 6.4.2 and AS	ME B31.8S,	Section 6	5.4?
10. ECDA Direct Examinatio  data collection were performed in accordance w (AR.EC.ECDADIRECT.R) (detail)  192.947(g) (192.925(b)(3))	ith NACE SP0502-2008, Sect	ions 5 and	1 6.4.2 and AS	ME B31.8S,	Section 6	5.4?
10. ECDA Direct Examinatio  data collection were performed in accordance w (AR.EC.ECDADIRECT.R) (detail)  192.947(g) (192.925(b)(3))	ith NACE SP0502-2008, Sect	ions 5 and	1 6.4.2 and AS	ME B31.8S,	Section 6	5.4?
10. ECDA Direct Examinatio  data collection were performed in accordance w (AR.EC.ECDADIRECT.R) (detail)  192.947(g) (192.925(b)(3))	ith NACE SP0502-2008, Sect	ions 5 and	1 6.4.2 and AS	ME B31.8S,	Section 6	5.4?
10. ECDA Direct Examinatio data collection were performed in accordance w AR.EC.ECDADIRECT.R) (detail) 192.947(g) (192.925(b)(3)) Notes  11. ECDA Direct Examinatio	Sat+	Sat	Concern	WE B31.8S,	N A	5.4?
10. ECDA Direct Examinatio data collection were performed in accordance w AR.EC.ECDADIRECT.R) (detail) .92.947(g) (192.925(b)(3))  Notes  11. ECDA Direct Examinatio AR.EC.ECDADIRECT.O) (detail)	n (detail) Were ECDA dire	Sat  Sat	Concern	Unsat  unsat	NA  NA  cted?	NC
10. ECDA Direct Examinatio data collection were performed in accordance w AR.EC.ECDADIRECT.R) (detail) 92.947(g) (192.925(b)(3))  Notes  11. ECDA Direct Examinatio AR.EC.ECDADIRECT.O) (detail)	Sat+	Sat	Concern	WE B31.8S,	N A	5.4?
10. ECDA Direct Examinatio data collection were performed in accordance w AR.EC.ECDADIRECT.R) (detail) 192.947(g) (192.925(b)(3)) Notes	n (detail) Were ECDA dire	Sat  Sat	Concern	Unsat  unsat	NA  NA  cted?	NC

otes						
otes	·					
13. ECDA Change Control (detail) Do ocedures were established and implemented for any char						,
2.947(g) (192.925(b)(3)(iii))	Sat+	Sat	Concern	Unsat	NA	N C
otes						
14. ECDA Post-Assessment (detail)	Do records demo	nstrate th	at the require	ments for p	ost assess	sment
ere met? (AR.EC.ECDAPOSTASSESS.R) (detail)			,	,		
2.947(g) (192.925(b)(4))	Sat+	Sat	Concern	Unsat	NA	N (
otes						
otes —						
<b>15. AMAOP ECDA (detail)</b> If the pipeline r 192.620 (80% SMYS Rule), from a review of selected r R.EC.ECDAMAOP.R) (detail)						g press
2.947(g) (192.620(d)(9); 192.620(d)(10))	Sat+	Sat	Concern	Unsat	NA	N C
otes						
16. AMAOP ECDA (detail) If the pipeline						g press
r 192.620 (80% SMYS Rule), from a review of selected r R.EC.ECDAMAOP.O) (detail)	records, were requ	ired ECDA	A assessments	performed?	•	
2.620(d)(9) (192.620(d)(10))	Sat+	Sat	Concern	Unsat	NA	N (
otes		l				

### **Assessment and Repair - Internal Corrosion Direct Assessment**

the process require that operator/vendor person appropriate training, experience, and qualification	on criteria? (AR.IC.ICDAREVO	UAL.P) (C	ictuii)			
192.915(a) (192.915(b))	Sat+	Sat	Concern	Unsat	N A	NC
Notes						
2. Qualification of Operator records demonstrate that operator/vendor personassessment results, are qualified for the tasks to	onnel, including supervisors,	who cond	uct ICDA asses			
192.947(g) (192.915(a); 192.915(b))	Sat+	Sat	Concern	Unsat	N A	N C
Notes						
	ts, are operator and vendor p	ersonnel,	including supe	ervisors, wh	o conduct	
the observation of selected integrity assessmen assessments or review assessment results, qual	ts, are operator and vendor p	ersonnel,	including supe	ervisors, wh AL.O) (deta	o conduct	
the observation of selected integrity assessmen assessments or review assessment results, qual	ts, are operator and vendor plified for the tasks they perfo	ersonnel, rm? (AR.I	including supe C.ICDAREVQU	ervisors, wh AL.O) (deta	o conduct il)	•
the observation of selected integrity assessment assessments or review assessment results, qual 192.915(a) (192.915(b))  Notes  4. ICDA Plan (confirm) Is an a	ts, are operator and vendor plified for the tasks they perfo	ersonnel, rm? (AR.I Sat	including sup C.ICDAREVQU Concern	ervisors, wh AL.O) (deta Unsat	o conduct	N C
the observation of selected integrity assessment assessments or review assessment results, qual 192.915(a) (192.915(b))  Notes	ts, are operator and vendor plified for the tasks they perfo	ersonnel, rm? (AR.I Sat	including sup C.ICDAREVQU Concern	ervisors, wh AL.O) (deta Unsat	o conduct	N C
the observation of selected integrity assessment assessments or review assessment results, quant 192.915(a) (192.915(b))  Notes  4. ICDA Plan (confirm) Is an a (confirm)	ts, are operator and vendor plified for the tasks they perfo  Sat+	ersonnel, rm? (AR.I Sat	including supe C.ICDAREVQU Concern	ervisors, wh AL.O) (deta Unsat	o conductil)  NA	N C
the observation of selected integrity assessment assessments or review assessment results, quant 192.915(a) (192.915(b))  Notes  4. ICDA Plan (confirm) Is an a (confirm) 192.927(c) (192.927(a); 192.927(b))	s, are operator and vendor plified for the tasks they perform Sat+	ersonnel, rm? (AR.I Sat	ce for conduct	ervisors, wh AL.O) (deta Unsat	o conductil)  NA  AR.IC.ICD  NA	APLAN.P)
the observation of selected integrity assessment assessments or review assessment results, quant 192.915(a) (192.915(b))  Notes  4. ICDA Plan (confirm) Is an a (confirm) 192.927(c) (192.927(a); 192.927(b))  Notes  5. Pre-Assessment (detail)	s, are operator and vendor plified for the tasks they perform Sat+	ersonnel, rm? (AR.I Sat	ce for conduct	ervisors, wh AL.O) (deta Unsat ing ICDA? (	o conductil)  NA  AR.IC.ICD  NA	APLAN.P)

192.917(b)	Sat+	Sat	Concern	Unsat	NΑ	N C
. ,						
Notes		I				
7. Integration of ICDA Results we other data/information was integrated when evaluating					demonstr	ate tha
.92.917(b) (192.947(g))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
8. ICDA Region Identification (dedentified? (AR.IC.ICDAREGION.R) (detail)	etail) Do records de	monstrate	e that ICDA Re	gions were	adequatel	y
02 047(a) (102 027(a)(2), 102 027(a)(E))						T .
.192.947(g) (192.927(c)(2); 192.927(c)(5))	Sat+	Sat	Concern	Unsat	NA	NC
	Sat+	Sat	Concern	Unsat	N A	N
Notes  9. Identification of Locations for	Excavation and	Direct	Examinati	on (deta	<b>il)</b> Do re	
Notes  9. Identification of Locations for lemonstrate that sites were identified where internal continuous con	Excavation and	Direct	Examinati	on (deta	<b>il)</b> Do re	cords
9. Identification of Locations for demonstrate that sites were identified where internal co. 92.947(g) (192.927(c)(3); 192.927(c)(5))	Excavation and orrosion may be prese	<b>Direct</b>	<b>Examinati</b> C.ICDADIRECT	on (deta	<b>il)</b> Do red	
9. Identification of Locations for demonstrate that sites were identified where internal constraints (192.947(g) (192.927(c)(3); 192.927(c)(5))  Notes	Excavation and orrosion may be presensed Sat+	Direct ent? (AR.I Sat	Examinati C.ICDADIRECT Concern	on (deta T.R) (detail) Unsat	il) Do red	cords
9. Identification of Locations for lemonstrate that sites were identified where internal compact (192.927(c)(3); 192.927(c)(5))  Notes  10. Identification of Locations for	Excavation and orrosion may be presensed at +	Direct ent? (AR.I Sat	Examinati C.ICDADIRECT Concern	on (deta T.R) (detail) Unsat	il) Do red	cords
9. Identification of Locations for demonstrate that sites were identified where internal constraints (192.947(g) (192.927(c)(3); 192.927(c)(5))  Notes	Excavation and orrosion may be presensed at +	Direct ent? (AR.I Sat	<b>Examinati</b> C.ICDADIRECT	on (deta T.R) (detail) Unsat	il) Do red	cords

<b>11. Post-Assessment Evaluation and Mo</b> assessed the effectiveness of the ICDA process? (AR.IC.ICDAPOS			<b>l)</b> Do records	demonstrat	e that the	operator
192.947(g) (192.927(c)(4)(i); 192.927(c)(4)(ii); 192.477)	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
12. Quality of ICDA Data Analysis (confi						
192.947(g) (192.927(c); 192.933(b))	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
13. AMAOP ICDA (detail) If the pipeline is ope per 192.620 (80% SMYS Rule) were required ICDA assessments		(AR.IC.IC		detail)		
192.947(g) (192.620(d)(9); 192.620(d)(10))	Salt	Sat	Concern	Unsat	NA	N C
Notes						
<b>Assessment and Repair - In-Line</b>	Inspe	ction	(Smart	Pigs)		
1. Qualification of Operator/Vendor Per ILI Results (detail) Does the process require that operator evaluate ILI assessment results meet appropriate training, experi	or/vendor pe	ersonnel (	including supe	rvisors) who	o review a	and
192.915(a) (192.915(b))	Sat+	Sat	Concern	Unsat	NA	NC
[						
Notes						

qualified per the process requirements? (AR.IL.ILI			1_			
192.947(g) (192.915(a); 192.915(b))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
3. Qualification of Operator/ ILI Results (detail) From the observation supervisors, who conduct assessments or review a (AR.IL.ILIREVIEWQUAL.O) (detail)	of selected integrity assess	ments, ar	e operator and	d vendor pe		
192.915(a) (192.915(b))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
A TIT Considerations (data:1) o						
, , ,	Does the process assure co	mplete an Sat	d adequate ve	ndor ILI spe	ecification:	s? N C
(AR.IL.ILISPECS.P) (detail)				·		1
(AR.IL.ILISPECS.P) (detail) 192.921(a)(1) (192.933(b))  Notes  5. ILI Specifications (detail)	Sat+	Sat	Concern	Unsat	N A	N C
(AR.IL.ILISPECS.P) (detail)  192.921(a)(1) (192.933(b))  Notes	Sat+	Sat	Concern	Unsat	N A	N C
(AR.IL.ILISPECS.P) (detail)  192.921(a)(1) (192.933(b))  Notes  5. ILI Specifications (detail) Independent of the second	Sat+  Oo records demonstrate tha	Sat t the ILI	Concern  vendor specific	Unsat	<b>NA</b>	N C
(AR.IL.ILISPECS.P) (detail)  192.921(a)(1) (192.933(b))  Notes  5. ILI Specifications (detail) (adequate? (AR.IL.ILISPECS.R) (detail)  192.947(g) (192.933(b))	Sat+  Oo records demonstrate that  Sat+  (detail) Does the proces	Sat  t the ILI	vendor specific	Unsat  cations were	N A  complete	e and

.92.947(g) (192.919(b); 192.921(a); 192.937(c))	Sat+	Sat	Concern	Unsat	NA	NC
	3411	Jut	33	2541		.,,,
Notes	l			<u> </u>		
8. Validation of ILI Results (detai		for valida	ting ILI results	ensure tha	t accurate	e integri
essessment results are obtained? (AR.IL.ILIVALIDATE.P) .92.921(a)(1) (192.937(c))	Sat+	Sat	Concern	Unsat	N A	NC
(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	3411	Jut	Concern	Olisac	IIA	, it c
Notes				<u> </u>		
9. Validation of ILI Results (confinessessment results per their process? (AR.IL.ILIVALIDATE)		nonstrate	that the opera	itor has vali	dated ILI	
92.947(g) (192.921(a)(1))	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
10. Validation of ILI Results (confidential assessment results per their process? (AR.I.I.			eld activities, a	lo the emplo	oyees and	vendor
92.921(a)(1)	Sat+	Sat	Concern	Unsat	N A	NC
Notes						
11 Integration of ILI Decults wit	h othor Inform	ation (	confirm) 7	. +b	- f i	
11. Integration of ILI Results wit esults with other information adequate? (AR.IL.ILIINTE			confirm) Is	the proces	s for integ	rating l
			Concern	Unsat	s for integ	nrating 1
esults with other information adequate? (AR.IL.ILIINTE	GRATION.P) (confirm	1)		·		1

	Sat+	Sat	Concern	Unsat	NA	N C
lotes						
13. ILI Acceptance Criteria (detail) Is the ffective assessment? (AR.IL.ILIACCEPCRITERIA.P) (detail)	e process fo	r ILI surv	ey acceptance	criteria ade	quate to a	ssure (
92.921(a)	Sat+	Sat	Concern	Unsat	N A	N C
Notes						
14. ILI Acceptance Criteria (detail) Do re			·			
92.947(g) (192.921(a))	Sat+	Sat	Concern	Unsat	NA	NO
lotes			·			
15. Integrity Assessments that were Not imeframes (confirm) Do records indicate that the perfochedule or required timeframe was exceeded, the delays were n	rmance of i	ntegrity a	ssessments ha	s been dela	yed such	
imeframes (confirm) Do records indicate that the perfochedule or required timeframe was exceeded, the delays were naR.IL.ILIDELAY.R) (confirm)	rmance of in ot justified	ntegrity a and prope	ssessments ha er notifications	s been dela were not m	yed such i nade?	that a
15. Integrity Assessments that were Not imeframes (confirm) Do records indicate that the performed or required timeframe was exceeded, the delays were nar.IL.ILIDELAY.R) (confirm)	rmance of i	ntegrity a	ssessments ha	s been dela	yed such	that a
15. Integrity Assessments that were Not imeframes (confirm) Do records indicate that the performance or required timeframe was exceeded, the delays were narrow (confirm) 92.947(d) (192.909(a); 192.909(b); 192.943(a); 192.943(b))	rmance of in ot justified	ntegrity a and prope	ssessments ha er notifications	s been dela were not m	yed such i nade?	that a
15. Integrity Assessments that were Not imeframes (confirm) Do records indicate that the performedule or required timeframe was exceeded, the delays were mark.IL.ILIDELAY.R) (confirm) 92.947(d) (192.909(a); 192.909(b); 192.943(a); 192.943(b)) Notes  16. Alternative Maximum Allowable Operateail) If the pipeline operates using an alternative maximum are process been modified to incorporate the requirements of the	rmance of in ot justified in Sat+  rating Property allowable of the same in th	ntegrity a and prope Sat  ressure operating	Concern  per 192.6 pressure per 1	Unsat 20 (80%	nyed such is lade?  NA  SMYS  SMYS  SMYS  SMYS	Rule
15. Integrity Assessments that were Not imeframes (confirm) Do records indicate that the performedule or required timeframe was exceeded, the delays were mark.IL.ILIDELAY.R) (confirm) 92.947(d) (192.909(a); 192.909(b); 192.943(a); 192.943(b)) Notes  16. Alternative Maximum Allowable Operateail) If the pipeline operates using an alternative maximum	rmance of in ot justified in Sat+  rating Property allowable of the same in th	ntegrity a and prope Sat  ressure operating	Concern  per 192.6 pressure per 1	Unsat 20 (80%	nyed such is lade?  NA  SMYS  SMYS  SMYS  SMYS	Rule

**(detail)** If the pipeline operates using an alternative maximum allowable operating pressure per 192.620 (80% SMYS Rule), from a review of selected records, were required ILI assessments performed? (AR.IL.ILIAMAOP.R) (detail)

192.620(d)	Sat+	Sat	Concern	Unsat	NA	N C
Notes						

**18. Compliance with ILI Procedures (detail)** Are O&M and IMP procedural requirements for the performance of ILI assessments followed? (AR.IL.ILIIMPLEMENT.O) (detail)

192.921(a)(1) (192.620(d))	Sat+	Sat	Concern	Unsat	NA	NC
Notes	·					

### **Assessment and Repair - Low Stress Reassessment**

**1. Low Stress Reassessment Plan (confirm)** *Is the process for performing low stress reassessment adequate?* (AR.LSR.LSRPLAN.P) (confirm)

192.941(a) (192.941(b); 192.941(c))	Sat+	Sat	Concern	Unsat	N A	NC
Notes						

**2. Baseline Assessment (detail)** Do records demonstrate that a baseline assessment meeting the requirements of 192.919 and 192.921 was performed prior to performing a low stress reassessment? (AR.LSR.LSRBA.R) (detail)

192.947(d) (192.919(c); 192.921(d); 192.941(a))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						

92.947(d) (192.941(b))	Sat+	Sat	Concern	Unsat	NΑ	N (
lotes						
4. Internal Corrosion (detail) Do recor	rds demonstrate t	hat the re	quirements of	192.941(c)	were imp	lemen
hen performing low stress reassessment for internal corro	<u> </u>					
92.947(d) (192.941(c))	Sat+	Sat	Concern	Unsat	NA	N (
otes						
ssessment and Repair - Othe	r Technol	ogv				
ssessment and Repair - Othe	r Technol	ogy				
-						
Assessment and Repair - Other  1. Qualification of Operator/Vendor			luate Othe	er Techno	ology R	esul
1. Qualification of Operator/Vendor	Personnel W	/ho Eva				
1. Qualification of Operator/Vendor detail) Does the process require that operator/vendor p	Personnel W	ho Eva				
1. Qualification of Operator/Vendor	Personnel W	ho Eva				
1. Qualification of Operator/Vendor detail) Does the process require that operator/vendor parts meet acceptable qualification standards? (AR.OT.OT	Personnel W	ho Eva				essme
1. Qualification of Operator/Vendor letail) Does the process require that operator/vendor paults meet acceptable qualification standards? (AR.OT.OT	Personnel W	ho Evang supervail)	isors) who rev	iew and eva	aluate asse	essme
1. Qualification of Operator/Vendor letail) Does the process require that operator/vendor paults meet acceptable qualification standards? (AR.OT.OT	Personnel W	ho Evang supervail)	isors) who rev	iew and eva	aluate asse	essme
1. Qualification of Operator/Vendor letail) Does the process require that operator/vendor paults meet acceptable qualification standards? (AR.OT.OT	Personnel W	ho Evang supervail)	isors) who rev	iew and eva	aluate asse	essme
1. Qualification of Operator/Vendor letail) Does the process require that operator/vendor paults meet acceptable qualification standards? (AR.OT.OT 2.915(a) (192.915(b); 192.921(a)(4))	Personnel W	ho Evang supervail)	isors) who rev	iew and eva	aluate asse	essme
1. Qualification of Operator/Vendor letail) Does the process require that operator/vendor paults meet acceptable qualification standards? (AR.OT.OT 2.915(a) (192.915(b); 192.921(a)(4))	Personnel W	ho Evang supervail)	isors) who rev	iew and eva	aluate asse	essme
1. Qualification of Operator/Vendor letail) Does the process require that operator/vendor posults meet acceptable qualification standards? (AR.OT.OT 2.915(a) (192.915(b); 192.921(a)(4))	Personnel W	ho Evang supervail)	isors) who rev	iew and eva	aluate asse	essme
1. Qualification of Operator/Vendor letail) Does the process require that operator/vendor paults meet acceptable qualification standards? (AR.OT.OT 2.915(a) (192.915(b); 192.921(a)(4))	Personnel W	ho Evang supervail)	isors) who rev	iew and eva	aluate asse	essme
1. Qualification of Operator/Vendor detail) Does the process require that operator/vendor posults meet acceptable qualification standards? (AR.OT.OT 12.915(a) (192.915(b); 192.921(a)(4))	Personnel W	ho Evang supervail)	isors) who rev	iew and eva	aluate asse	essme
1. Qualification of Operator/Vendor detail) Does the process require that operator/vendor posults meet acceptable qualification standards? (AR.OT.OT 12.915(a) (192.915(b); 192.921(a)(4))	Personnel W	ho Evang supervail)	isors) who rev	iew and eva	aluate asse	essme
1. Qualification of Operator/Vendor detail) Does the process require that operator/vendor posults meet acceptable qualification standards? (AR.OT.OT 12.915(a) (192.915(b); 192.921(a)(4))	Personnel W	ho Evang supervail)	isors) who rev	iew and eva	aluate asse	essme
1. Qualification of Operator/Vendor detail) Does the process require that operator/vendor posults meet acceptable qualification standards? (AR.OT.OT 02.915(a) (192.915(b); 192.921(a)(4))	Personnel Woersonnel (including TREVQUAL.P) (details)	/ho Eva ng superv ail) Sat	Concern	Unsat	N A	N N
1. Qualification of Operator/Vendor detail) Does the process require that operator/vendor posults meet acceptable qualification standards? (AR.OT.OT 02.915(a) (192.915(b); 192.921(a)(4))	Personnel Woersonnel (including TREVQUAL.P) (details)	/ho Eva ng superv ail) Sat	Concern	Unsat	N A	N N
1. Qualification of Operator/Vendor detail) Does the process require that operator/vendor posults meet acceptable qualification standards? (AR.OT.OT 02.915(a) (192.915(b); 192.921(a)(4))  Notes  2. Qualification of Operator Personn	Personnel Woersonnel (including REVQUAL.P) (details Sat +	/ho Eva ng superv ail) Sat	Concern	Unsat  Ology Re	NA Sults (c	N letai
1. Qualification of Operator/Vendor detail) Does the process require that operator/vendor posults meet acceptable qualification standards? (AR.OT.OT 02.915(a) (192.915(b); 192.921(a)(4))  Notes  2. Qualification of Operator Personn or records demonstrate that operator/vendor personnel, in	Personnel Woersonnel (including REVQUAL.P) (details Sat +	Iho Evang supervail) Sat  Jate Ot	Concern	Unsat  Ology Re	NA Sults (c	N letai
1. Qualification of Operator/Vendor detail) Does the process require that operator/vendor posults meet acceptable qualification standards? (AR.OT.OT 02.915(a) (192.915(b); 192.921(a)(4))  Notes  2. Qualification of Operator Personn or records demonstrate that operator/vendor personnel, in	Personnel Woersonnel (including REVQUAL.P) (details Sat +	Iho Evang supervail) Sat  Jate Ot	Concern	Unsat  Ology Re	NA Sults (c	N letai
1. Qualification of Operator/Vendor detail) Does the process require that operator/vendor posults meet acceptable qualification standards? (AR.OT.OT 12.915(a) (192.915(b); 192.921(a)(4))  Total Control of Operator Personn of the process of the pr	Personnel Wopersonnel (including REVQUAL.P) (details a seel Who Evaluation of the coluding supervisor (REVQUAL.R) (details a seel who Evaluation of the coluding supervisor (seel Who Evaluation of the coluding supervisor (seel Who Evaluation of the columns of th	Interpretation of the control of the	Concern  Concern  her Techno	Unsat  Dlogy Rements or rev	NA NA sults (c	N letai
1. Qualification of Operator/Vendor detail) Does the process require that operator/vendor posults meet acceptable qualification standards? (AR.OT.OT 12.915(a) (192.915(b); 192.921(a)(4))  Total Control of Operator Personn of the process of the pr	Personnel Woersonnel (including REVQUAL.P) (details Sat +	Iho Evang supervail) Sat  Jate Ot	Concern	Unsat  Ology Re	NA Sults (c	N letai
1. Qualification of Operator/Vendor detail) Does the process require that operator/vendor posults meet acceptable qualification standards? (AR.OT.OT 12.915(a) (192.915(b); 192.921(a)(4))  Total Control of Operator Personn of the process of the pr	Personnel Wopersonnel (including REVQUAL.P) (details a seel Who Evaluation of the coluding supervisor (REVQUAL.R) (details a seel who Evaluation of the coluding supervisor (seel Who Evaluation of the coluding supervisor (seel Who Evaluation of the columns of th	Interpretation of the control of the	Concern  Concern  her Techno	Unsat  Dlogy Rements or rev	NA NA sults (c	N letai
1. Qualification of Operator/Vendor detail) Does the process require that operator/vendor posults meet acceptable qualification standards? (AR.OT.OT.02.915(a) (192.915(b); 192.921(a)(4))  Notes  2. Qualification of Operator Personn or records demonstrate that operator/vendor personnel, in sults are qualified for the tasks they perform? (AR.OT.OT.	Personnel Wopersonnel (including REVQUAL.P) (details a seel Who Evaluation of the coluding supervisor (REVQUAL.R) (details a seel who Evaluation of the coluding supervisor (seel Who Evaluation of the coluding supervisor (seel Who Evaluation of the columns of th	Interpretation of the control of the	Concern  Concern  her Techno	Unsat  Dlogy Rements or rev	NA NA sults (c	N N letai
1. Qualification of Operator/Vendor detail) Does the process require that operator/vendor posults meet acceptable qualification standards? (AR.OT.OT 02.915(a) (192.915(b); 192.921(a)(4))	Personnel Wopersonnel (including REVQUAL.P) (details a seel Who Evaluation of the coluding supervisor (REVQUAL.R) (details a seel who Evaluation of the coluding supervisor (seel Who Evaluation of the coluding supervisor (seel Who Evaluation of the columns of th	Interpretation of the control of the	Concern  Concern  her Techno	Unsat  Dlogy Rements or rev	NA NA sults (c	N d
1. Qualification of Operator/Vendor detail) Does the process require that operator/vendor posults meet acceptable qualification standards? (AR.OT.OT 12.915(a) (192.915(b); 192.921(a)(4))  Total Control of Operator Personn of the process of the pr	Personnel Wopersonnel (including REVQUAL.P) (details a seel Who Evaluation of the coluding supervisor (REVQUAL.R) (details a seel who Evaluation of the coluding supervisor (seel Who Evaluation of the coluding supervisor (seel Who Evaluation of the columns of th	Interpretation of the control of the	Concern  Concern  her Techno	Unsat  Dlogy Rements or rev	NA NA sults (c	N N letai
1. Qualification of Operator/Vendor letail) Does the process require that operator/vendor posults meet acceptable qualification standards? (AR.OT.OT 2.915(a) (192.915(b); 192.921(a)(4))  otes  2. Qualification of Operator Personn or records demonstrate that operator/vendor personnel, in sults are qualified for the tasks they perform? (AR.OT.OT.02.947(d) (192.915(a); 192.915(b))	Personnel Wopersonnel (including REVQUAL.P) (details a seel Who Evaluation of the coluding supervisor (REVQUAL.R) (details a seel who Evaluation of the coluding supervisor (seel Who Evaluation of the coluding supervisor (seel Who Evaluation of the columns of th	Interpretation of the control of the	Concern  Concern  her Techno	Unsat  Dlogy Rements or rev	NA NA sults (c	N letai

From the observation of selected integrity assessment assessments or review assessment results, qualified for				g superviso		nduct
192.915(a) (192.915(b))	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
4. Other Technology (detail) Has a equivalent understanding of the condition of the pipe?			e "other techno	ologies" that	t provide a	n
192.921(a)(4)	Sat+	Sat	Concern	Unsat	N A	NC
5. Other Technology (detail) Do rethe process and vendor recommendations and that des (AR.OT.OTPLAN.R) (detail)						ance with
192.947(d) (192.921(a)(4); 192.933(b))	Sat+	Sat	Concern	Unsat	N A	NC
Notes						
6. Other Technology (detail) Were accordance with the operator's process? (AR.OT.OTPLA	assessments conducte AN.O) (detail)	ed using "	other technolo	gy" adequa	tely perfor	med in
6. Other Technology (detail) Were accordance with the operator's process? (AR.OT.OTPLATE 192.921(a)(4)	assessments conducte AN.O) (detail) Sat+	ed using " Sat	other technolo	gy" adequa	tely perfor	med in
accordance with the operator's process? (AR.OT.OTPL)	AN.O) (detail)					I

### **Assessment and Repair - Integrity Assessment Via Pressure Test**

#### 1. Qualification of Operator/Vendor Personnel Who Evaluate Pressure Test Results

(detail) Does the process require that operator/vendor personnel (including supervisors) who review and evaluate ILI assessment results meet appropriate training, experience, and qualification criteria? (AR.PTI.PRESSTESTREVQUAL.P) (detail)

192.915(a) (192.915(b) 192.921(a)(4))	Sat+	Sat	Concern	Unsat	N A	NC
Notes						

#### 2. Qualification of Operator/Vendor Personnel Who Evaluate Pressure Test Results

(detail) Do records demonstrate that operator/vendor personnel, including supervisors, who conduct assessments or review assessment results are qualified for the tasks they perform? (AR.PTI.PRESSTESTREVQUAL.R) (detail)

, , , , , , , , , , , , , , , , , , , ,		-	, ,	•		
192.947(g) (192.915(a); 192.915(b))	Sat+	Sat	Concern	Unsat	NA	NC
Notes						

### 3. Qualification of Operator/Vendor Personnel Who Evaluate Pressure Test Results

(detail) From the observation of selected integrity assessments, are operator and vendor personnel, including supervisors, who conduct assessments or review assessment results, qualified for the tasks they perform? (AR.PTI.PRESSTESTREVQUAL.O) (detail)

Conduct assessments of review assessment results, qualified	ווטו נווכ נמאא נוו	cy periori	11: (AIX.1 11.1 IX	LJJILJIKL	-VQUAL.U)	(uetaii)
192.915(a) (192.915(b))	Sat+	Sat	Concern	Unsat	NA	NC
. , , , , , , , , , , , , , , , , , , ,						
Notes						

**4. Test Acceptance Criteria and Procedures (detail)** Were test acceptance criteria and procedures sufficient to assure the basis for an acceptable pressure test? (AR.PTI.PRESSTESTACCEP.P) (detail)

192.503(a) (192.503(b); 192.503(c); 192.503(d); 192.505(a); 192.505(b); 192.505(c); 192.505(d); 192.505(e); 192.507(a); 192.507(b); 192.507(c); 192.513(a); 192.513(b); 192.513(c); 192.513(d); 192.921(a)(2))	Sat+	Sat	Concern	Unsat	N A	N C
Notes						

Notes

<b>5. Pressure Test Results (confirm)</b> Do the (AR.PTI.PRESSTESTRESULT.R) (confirm)	e test record	ds validate	e the pressure	test?		
192.517(a) (192.505(a); 192.505(b); 192.505(c); 192.505(d); 192.505(e); 192.507(a); 192.507(b); 192.507(c); 192.513(a); 192.513(b); 192.513(c); 192.513(d); 192.517(b); 192.617; 192.619(a); 192.919(e); 192.921(a)(2))	Sat+	Sat	Concern	Unsat	N A	N C
Notes						
6. Alternative Maximum Allowable Oper (detail) If the pipeline operates using an alternative maximum from a review of selected records, were required pressure test as	allowable	operating	pressure per	192.620 (80	% SMYS I	Rule),
192.517(a) (192.505(a); 192.517(b); 192.620(c)(4); 192.620(d)(9); 192.620(d)(10))	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
<b>7. Pressure Test Completion (detail)</b> Fro with Subpart J requirements and the process requirements? (AR.I 192.503(a) (192.503(b); 192.503(c); 192.503(d); 192.505(a); 192.505(b); 192.505(c); 192.505(e); 192.507(a); 192.507(b); 192.507(c); 192.513(a); 192.513(b); 192.513(c); 192.513(d))					rmed in ad	N C
Notes						
Assessment and Repair - Repair C	Criteria	a				
<b>1. Definition of Discovery (confirm)</b> Does required time frame? (AR.RC.DISCOVERY.P) (confirm)	the integrit	√ assessm	ent process pi	roperly defir	ne discove	ry and the
192.933(b)	Sat+	Sat	Concern	Unsat	NA	NC

	Sat+	Sat	Concern	Unsat	NΑ	NO
Notes						
3. Inclusion of All IM Repair Crit paintenance processes include all of the actions that						
AR.RC.IMPRC.P) (detail)	t must be taken to addre	ss integri	ty issues iii ac	cordance wi	101 192.93	.J:
92.933(a) (192.933(c); 192.933(d))	Sat+	Sat	Concern	Unsat	NA	N
Notes						
4. Categorization of Defects (co	onfirm) Do records de	monstrate	e that all defec	ts were pro	perly cate	gorize
AR.RC.DEFECTCAT.R) (confirm)		I .	1.			
92.947(f) (192.933(b); 192.933(d))	Sat+	Sat	Concern	Unsat	NA	N
Notes						
5. Pressure Reductions Taken i						
<b>5. Pressure Reductions Taken i</b> ecords demonstrate that an acceptable pressure recepair schedule could not be met? (AR.RC.PRESSRED	duction was promptly tal					
ecords demonstrate that an acceptable pressure rec epair schedule could not be met? (AR.RC.PRESSRED	duction was promptly tal					
ecords demonstrate that an acceptable pressure rec epair schedule could not be met? (AR.RC.PRESSRED	duction was promptly tak DUCE.R) (confirm)	ken for ea	ch immediate	repair condi	ition or wh	nen a
ecords demonstrate that an acceptable pressure red	duction was promptly tak DUCE.R) (confirm)	ken for ea	ch immediate	repair condi	ition or wh	nen a
ecords demonstrate that an acceptable pressure rec epair schedule could not be met? (AR.RC.PRESSRED 92.947(f) (192.933(a))	duction was promptly tak DUCE.R) (confirm)	ken for ea	ch immediate	repair condi	ition or wh	nen a
ecords demonstrate that an acceptable pressure rec epair schedule could not be met? (AR.RC.PRESSRED 92.947(f) (192.933(a))	duction was promptly tak DUCE.R) (confirm)	ken for ea	ch immediate	repair condi	ition or wh	nen a
ecords demonstrate that an acceptable pressure rec epair schedule could not be met? (AR.RC.PRESSRED 92.947(f) (192.933(a))	duction was promptly tak DUCE.R) (confirm)	ken for ea	ch immediate	repair condi	ition or wh	nen a
ecords demonstrate that an acceptable pressure rec epair schedule could not be met? (AR.RC.PRESSRED 92.947(f) (192.933(a))	duction was promptly take DUCE.R) (confirm)  Sat+	Sat	Concern	Unsat	N A	nen a
ecords demonstrate that an acceptable pressure rec epair schedule could not be met? (AR.RC.PRESSRED 92.947(f) (192.933(a)) Notes	duction was promptly take DUCE.R) (confirm)  Sat+	Sat	Concern	Unsat	N A	nen a
ecords demonstrate that an acceptable pressure recepair schedule could not be met? (AR.RC.PRESSRED 92.947(f) (192.933(a))  Notes  6. Prioritized Schedule (confirm	duction was promptly take DUCE.R) (confirm)  Sat+	Sat	Concern	Unsat	N A	nen a
ecords demonstrate that an acceptable pressure recepair schedule could not be met? (AR.RC.PRESSREE 92.947(f) (192.933(a))  Notes  6. Prioritized Schedule (confirm AR.RC.SCHEDULE.R) (confirm)	duction was promptly take DUCE.R) (confirm)  Sat+  1) Do records demonstra	Sat  Sat	Concern  he operator de	Unsat  Unsat	N A	N (
ecords demonstrate that an acceptable pressure recepair schedule could not be met? (AR.RC.PRESSREE 92.947(f) (192.933(a))  Notes  6. Prioritized Schedule (confirm AR.RC.SCHEDULE.R) (confirm)	duction was promptly take DUCE.R) (confirm)  Sat+  1) Do records demonstra	Sat  Sat	Concern  he operator de	Unsat  Unsat	N A	N (

(confirm)	C-+,	C - +	C = n = = ==	II m c - t	NI A	N.C
L92.947(f) (192.933(a))	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
8. Repair Criteria in Covered Segmenaking repairs in covered segments? (AR.RC.CRITERIA.P. 92.711(b) (192.703(a); 192.703(b); 192.703(c); 192.713(b))	(detail)	oes the re	epair process c	over all of t	he elemer	nts for
92.713(b))						
Notes						
9. Timely Remediation (confirm) Down remediated (i.e., repair, pressure reduction, or notification) (AR.RC.SCHEDULEIMPL.R) (confirm) (192.947(f) (192.933(d))						
vere remediated (i.e., repair, pressure reduction, or notifi 92.933(d)? (AR.RC.SCHEDULEIMPL.R) (confirm)	ication to PHMSA) v	vithin the	applicable ma	ndatory tim	e limits of	r
vere remediated (i.e., repair, pressure reduction, or notification) 92.933(d)? (AR.RC.SCHEDULEIMPL.R) (confirm) 92.947(f) (192.933(d))  Notes  10. Field Inspection - Remedial Act	Sat+	sithin the	Concern	Unsat	e limits of	N C
vere remediated (i.e., repair, pressure reduction, or notifically 92.933(d)? (AR.RC.SCHEDULEIMPL.R) (confirm) 92.947(f) (192.933(d))  Notes  10. Field Inspection - Remedial Actors of the segments being observed? (AR.RC.REMEDIATION)	Sat+	sithin the	Concern	Unsat	e limits of	N C
vere remediated (i.e., repair, pressure reduction, or notification) of pressure reduction of notifical section of the section	Sat+ tions (IM) (de	Sat stail) Is	Concern  Concern	Unsat  diation adea	N A	N C
Perer remediated (i.e., repair, pressure reduction, or notifically 92.933(d)? (AR.RC.SCHEDULEIMPL.R) (confirm)  92.947(f) (192.933(d))  Notes  10. Field Inspection - Remedial Actionary of Section 1. "Look Beyond" Evaluation of Sinvaluation of all pipeline segments with similar environments of the segments of the segments with similar environments of the segments of the segments with similar environments of the segments of the segments of the segments with similar environments of the segments of th	sat+  tions (IM) (de 1.0) (detail)  Sat+  gnificant Correctal and material of	stail) Is Sat  Sosion ( coating coi	applicable ma  Concern  anomaly reme  Concern  confirm) L  ditions as seg	Unsat  diation adec  Unsat	n A  N A  N A	the NC
vere remediated (i.e., repair, pressure reduction, or notification) (AR.RC.SCHEDULEIMPL.R) (confirm)  92.947(f) (192.933(d))  Notes  10. Field Inspection - Remedial Action of Segments being observed? (AR.RC.REMEDIATION 92.933(c) (192.933(a); 192.933(d))  Notes	sat+  tions (IM) (de 1.0) (detail)  Sat+  gnificant Correctal and material of	stail) Is Sat  Sosion ( coating coi	applicable ma  Concern  anomaly reme  Concern  confirm) L  ditions as seg	Unsat  diation adec  Unsat	n A  N A  N A	the NC

	Sat+	Sat	Concern	Unsat	NA	N C
.92.947(b) (192.917(e)(5))	Jair	Jai	Concern	Jusat	14 A	14 (
Notes						
accompant and Donair Donair	Mathag	ام مص	d Dunct			
ssessment and Repair - Repair	Method	is and	u Practi	ices		
1. Safety While Making Repairs (detail) and are made so as to prevent damage to persons and propert				s are made	in a safe ı	mannei
92.605(b)(9) (192.713(b))	Sat+	Sat	Concern	Unsat	N A	N C
lotes						
2. Safety While Making Repair (confirn	<b>n)</b> Are repairs	made in	a safe manner	and to prev	vent dama	ge to
						_
ersons and property? (AR.RMP.SAFETY.O) (confirm)	Sat+	Sat	Concern	Unsat	N A	
ersons and property? (AR.RMP.SAFETY.O) (confirm)	Sat+	Sat	Concern	Unsat	N A	N C
ersons and property? (AR.RMP.SAFETY.O) (confirm) 92.605(b)(9) (192.713(b))	Sat+	Sat	Concern	Unsat	N A	
ersons and property? (AR.RMP.SAFETY.O) (confirm) 92.605(b)(9) (192.713(b))	Sat+	Sat	Concern	Unsat	NA	
ersons and property? (AR.RMP.SAFETY.O) (confirm) 92.605(b)(9) (192.713(b))	Sat+	Sat	Concern	Unsat	N A	
ersons and property? (AR.RMP.SAFETY.O) (confirm) 92.605(b)(9) (192.713(b)) Notes	Sat+	Sat	Concern	Unsat	NA	
ersons and property? (AR.RMP.SAFETY.O) (confirm) 92.605(b)(9) (192.713(b)) Notes						N C
ersons and property? (AR.RMP.SAFETY.O) (confirm) 92.605(b)(9) (192.713(b)) Notes  3. Prevention of Accidental Ignition (d	etail) Is the					N C
3. Prevention of Accidental Ignition (das presents a hazard of fire or explosion? (AR.RMP.IGNITION)	etail) Is the					N C
ersons and property? (AR.RMP.SAFETY.O) (confirm) 92.605(b)(9) (192.713(b))  Notes	<b>etail)</b> <i>Is the</i> P) (detail)	re a proce	ess for prevent	ting acciden	tal ignition	N C
3. Prevention of Accidental Ignition (das presents a hazard of fire or explosion? (AR.RMP.IGNITION: 92.605(b)(1) (192.751(a); 192.751(b); 192.751(c))	<b>etail)</b> <i>Is the</i> P) (detail)	re a proce	ess for prevent	ting acciden	tal ignition	N C
(confirm) (2.605(b)(9) (192.713(b)) (dotes  3. Prevention of Accidental Ignition (does presents a hazard of fire or explosion? (AR.RMP.IGNITION)	<b>etail)</b> <i>Is the</i> P) (detail)	re a proce	ess for prevent	ting acciden	tal ignition	N whe

operator to prevent accidental ignition prior to performin	<b>n (detail)</b> Do re g work? (AR.RMP.IG			steps were	,	uie
192.751(a) (192.751(b); 192.751(c))	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
5. Prevention of Accidental Ignition dequate steps have been taken by the operator to minimum.	<b>n (confirm)</b> Per mize the potential fo	rform obs or accident	ervations of se tal ignition. (A	lected locat R.RMP.IGNI	ions to ve TION.O) (	<i>rify tha</i> confirm
.92.751(a) (192.751(b); 192.751(c))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
6. Tapping Pipelines Under Pressuressure? (AR.RMP.HOTTAP.P) (detail)	re (detail) Is the	e process	adequate for t	apping pipe	lines unde	er
.92.605(b)(1) (192.627)	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
7. Tapping Pipelines Under Pressu performed pressure taps on pipelines under pressure qua				cords, were	the perso	nnel wh
.92.627 (192 Subpart N)	Sat+	Sat	Concern	Unsat	N A	N C
Notes						
8. Tapping Pipelines Under Pressu			taps on pipeli	nes under p	ressure p	erforme
n accordance with procedures by qualified personnel? (A			Concern	nes under p	nessure po	erforme N C
8. Tapping Pipelines Under Pressum accordance with procedures by qualified personnel? (Al 192.627 (192 Subpart N)	R.RMP.HOTTÁP.O) (	detail)			<u>,                                      </u>	T

<b>9. Transmission Lines General Requirem</b> process capture the requirements of 192.711 for transmission line					<b>il)</b> Does t	he repair
192.605(b)(1) (192.711(a); 192.711(b); 192.711(c); 192.717(b)(3))	Sat+	Sat	Concern		NA	N C
Notes						
10. Transmission Lines Permanent Field the permanent field repair of defects in transmission lines? (AR.R.					rocess ade	quate for
192.605(b)(1) (192.713(a); 192.713(b))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
11. Permissible Repair Methods (confirm accordance with procedures, applicable sections of 49 CFR Parts 1 Manual, Revision 5? (AR.RMP.METHOD.R) (confirm)						
192.709(a) (192.713(a); 192.713(b); 192. 717(a); 192.717(b); B31.8S Section 7)	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
<b>12. Qualification of Personnel Performin</b> records, were personnel performing repairs, other than welding, a (AR.RMP.REPAIRQUAL.R) (detail)						
192.807(b) (192.805(h))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
13. Transmission Lines Permanent Field the permanent field repair of welds? (AR.RMP.FIELDREPAIRWELD			ds (detail)	Is the prod	cess adequ	uate for
192.605(b) (192.715(a); 192.715(b); 192.715(c))	Sat+	Sat	Concern	Unsat	N A	NC
Notes						

performed by qualified welders using qualified welding procedures 192.225(a) (192.225(b); 192.227(a); 192.227(b); 192.229(a);	C-+ ·	6	Com	II m a s ±	A 14	N. C
192.229(b); 192.229(c); 192.229(d))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
<b>15. Repair of Weld Defects (confirm)</b> From with 192.245 and 192.715? (AR.RMP.WELDQUAL.R) (confirm)	n the revie	w of recor	ds, were weld	defects rep	aired in ad	ccordan
92.245(a) (192.245(b); 192.245(c); 192.715(a); 192.715(b); 92.715(c))	Sat+	Sat	Concern	Unsat	N A	N C
Notes						
						d in
92.241(a) (192.241(b); 192.241(c); 192.243(a); 192.243(b);	ne review on R) (confirm)	records, Sat	Concern	Unsat	N A	N C
ccordance with 192.241 and 192.243? (AR.RMP.WELDINSPECT.F 92.241(a) (192.241(b); 192.241(c); 192.243(a); 192.243(b); 92.243(c); 192.243(d); 192.243(e); 192.243(f))	R) (confirm)	)				
Ccordance with 192.241 and 192.243? (AR.RMP.WELDINSPECT.F. 92.241(a) (192.241(b); 192.241(c); 192.243(a); 192.243(b); 92.243(c); 192.243(d); 192.243(e); 192.243(f))  Notes  17. Inspection of Welds (confirm) Were w	Sat+	Sat	Concern	Unsat	NA	NO
ccordance with 192.241 and 192.243? (AR.RMP.WELDINSPECT.F 92.241(a) (192.241(b); 192.241(c); 192.243(a); 192.243(b); 92.243(c); 192.243(d); 192.243(e); 192.243(f))  Notes	Sat+	Sat	Concern	Unsat	NA	NC
### Cocordance with 192.241 and 192.243? (AR.RMP.WELDINSPECT.F 92.241(a) (192.241(b); 192.241(c); 192.243(a); 192.243(b); 92.243(c); 192.243(d); 192.243(e); 192.243(f))  **Notes**  **T. Inspection of Welds (confirm) Were w 92.243? (AR.RMP.WELDINSPECT.O) (confirm)  92.241(a) (192.241(b); 192.241(c); 192.243(a); 192.243(b); 92.243(c); 192.243(d); 192.243(e); 192.243(f))	Sat+	Sat ted and e	Concern	Unsat	<b>N A</b> th 192.24	N C
### Coordance with 192.241 and 192.243? (AR.RMP.WELDINSPECT.F 92.241(a) (192.241(b); 192.241(c); 192.243(a); 192.243(b); 92.243(c); 192.243(d); 192.243(e); 192.243(f))  **Notes**  **To Inspection of Welds (confirm) Were w 92.243? (AR.RMP.WELDINSPECT.O) (confirm)  92.241(a) (192.241(b); 192.241(c); 192.243(a); 192.243(b);	Sat+  Sat+	Sat  ted and e.  Sat	Concern  Concern	Unsat  Cordance with  Unsat	NA th 192.24	1 and NC

replaced constructed to the same or higher standards as	,	enti (AK.		, ,	11117111)	ı
192.713(a) (Part 192 Subpart D)	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
<b>20. Transmission Lines Permane</b> for the permanent field repair of leaks on transmission la	nt Field Repair	of Leak	(s (detail)	Is there an	adequate	process
192.605(b) (192.717(a); 192.717(b))	Sat+	Sat	Concern	Unsat	N A	NC
Notes						
21. Transmission Lines Permane	nt Field Penair	of Look	s (confirm	) From the	raviaw a	f rosards
did the operator properly repair leaks on transmission lii					e review of	recorus
192.717(a) (192.717(b))	Sat+	Sat	Concern	Unsat	N A	N C
Notes						
22. Transmission Lines Permane	nt Field Pensir	of Look	re (detail)	Door the o	norator pr	anarly
repair leaks on transmission lines? (AR.RMP.FIELDREPAI		OI LEar	is (detail)	Does the of	регасог рго	эрепу
192.717(a) (192.717(b))	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
22 Transmission Lines Testing of	· Popaire (dotai	I) Is the	nrocoss adoqu	ata for the	tosting of	
23. Transmission Lines Testing of replacement pipe and repairs made by welding on trans					testing of	
replacement pipe and repairs made by welding on trans				)	n A	N C
replacement pipe and repairs made by welding on trans	mission lines? (AR.RN	MP.WELDT	EST.P) (detail	)		N C
replacement pipe and repairs made by welding on trans	mission lines? (AR.RN	MP.WELDT	EST.P) (detail	)		N C
replacement pipe and repairs made by welding on trans.	mission lines? (AR.RN	MP.WELDT	EST.P) (detail	)		N C

	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
<b>25. Transmission Lines Testing of Re</b> nd repairs made by welding on transmission lines? (AR.RM			he operator pr	operly test	replaceme	ent pipo
92.719(a) (192.719(b))	Sat+	Sat	Concern	Unsat	NA	N (
Notes						
26. Non-Destructive Testing of Pipel Repair (detail) Does the process require that when a CCC is exposed (i.e., the coating is removed), an NDE meth	pipeline segment	that mee	ts the conditio	ns for crack	ing and/o	
AR.RMP.CRACKNDT.P) (detail)						
AR.RMP.CRACKNDT.P) (detail)	Sat+	Sat	Concern	Unsat	N A	N C
AR.RMP.CRACKNDT.P) (detail) 92.929(b) (B31.8S Appendix A3.4)		Sat	Concern	Unsat	N A	N (
AR.RMP.CRACKNDT.P) (detail) 92.929(b) (B31.8S Appendix A3.4)  Notes  27. Non-Destructive Testing of Pipel	Sat+	king an	d/or SCC \	When Ex	posed f	for
AR.RMP.CRACKNDT.P) (detail) 92.929(b) (B31.8S Appendix A3.4)  Notes	Sat+	king an	d/or SCC \ets the condition	When Ex	posed f	f <b>or</b> ng and
AR.RMP.CRACKNDT.P) (detail) 92.929(b) (B31.8S Appendix A3.4)  Notes  27. Non-Destructive Testing of Pipel Repair (confirm) From the review of records, when a GCC is exposed (i.e., the coating is removed), was an NDE AR.RMP.CRACKNDT.R) (confirm)	Sat+	king an	d/or SCC \ets the condition	When Ex	posed f	<b>for</b> ng and /or SC
AR.RMP.CRACKNDT.P) (detail) 92.929(b) (B31.8S Appendix A3.4)  Notes  27. Non-Destructive Testing of Pipel Repair (confirm) From the review of records, when a GCC is exposed (i.e., the coating is removed), was an NDE	Sat+	king an t that med I, UT) em	d/or SCC \ets the condition ployed to eval	<b>When Ex</b> ons of possi	<b>posed f</b> ble crackir cking and,	f <b>or</b> ng and
AR.RMP.CRACKNDT.P) (detail) 92.929(b) (B31.8S Appendix A3.4)  Notes  27. Non-Destructive Testing of Pipel Repair (confirm) From the review of records, when a CC is exposed (i.e., the coating is removed), was an NDE (AR.RMP.CRACKNDT.R) (confirm) 92.947(g) (192.929(b))	Sat+	king an t that med I, UT) em	d/or SCC \ets the condition ployed to eval	<b>When Ex</b> ons of possi	<b>posed f</b> ble crackir cking and,	<b>for</b> ng and /or SC

### **Assessment and Repair - Stress Corrosion Cracking**

192.915(a) (192.915(b))	Sat+	EVQUAL.F Sat	Concern	Unsat	NA	NC
192.913(a) (192.913(b))	Satt	Sat	Concern	Ulisat	NA	NC
Notes						
2. Qualification of Operator demonstrate that operator/vendor personnel, inqualified for the tasks they perform? (AR.SCC.SC	cluding supervisors, who con					
192.947(e) (192.915(a); 192.915(b))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
3. Qualification of Operator						
					muuct ass	cssmene
or review assessment results, qualified for the ta				tail)	N A	N C
or review assessment results, qualified for the ta	asks they perform? (AR.SCC.	SCCDARE	VQUAL.O) (de	tail)		1
Or review assessment results, qualified for the to 192.915(a) (192.915(b))  Notes  4. SCCDA Plan (confirm) Is a	sks they perform? (AR.SCC. Sat+	SCCDARE Sat	VQUĂL.Ó) (de Concern	Unsat	NA	N C
Or review assessment results, qualified for the to 192.915(a) (192.915(b))  Notes  4. SCCDA Plan (confirm) Is a present? (AR.SCC.SCCDAPLAN.P) (confirm)	sks they perform? (AR.SCC. Sat+	SCCDARE Sat	VQUĂL.Ó) (de Concern	tail) Unsat	NA	N C
	ssks they perform? (AR.SCC. Sat+  n adequate plan developed f	SCCDARE Sat	VQUAL.O) (de Concern	tail) Unsat	<b>NA</b> ons for SC	N C
A. SCCDA Plan (confirm) Is an oresent? (AR.SCC.SCCDAPLAN.P) (confirm)  Notes  Notes	n adequate plan developed fi	SCCDARE Sat  Or perform	VQUAL.O) (de Concern  ning SCCDA, if	tail) Unsat  the condition	ons for SC	CC were
A. SCCDA Plan (confirm) Is a present? (AR.SCC.SCCDADATA.R) (detail)	n adequate plan developed for Sat+  Sat+  Sat+  Gath  Sat+	SCCDARE Sat  or perform Sat  onstrate t	VQUAL.O) (de Concern	tail) Unsat  the condition Unsat  collected an	NA  ons for SC  NA	NC CC were NC
A. SCCDA Plan (confirm) Is an oresent? (AR.SCC.SCCDAPLAN.P) (confirm)  Notes  Notes	n adequate plan developed fi	SCCDARE Sat  Or perform	VQUAL.O) (de Concern  ning SCCDA, if	tail) Unsat  the condition	ons for SC	CC were

192.947(g) (192.929(b)(2))	Sat+	Sat	Concern	Unsat	NA	NC
Notes	1					
7. Assessment Method (High pH SC accordance with 192.929 and the SCCDA plan? (AR.SCC.Sc	COMETHOD O	om field o	bservations, w	as SCCDA p	erformed	in
eccordance with 192.929 and the SCCDA plan? (AR.SCC.SI 192.929	Sat+	Sat	Concern	Unsat	N A	NC
.52.525	Suci	Jat	Concern	Olisac	- NA	
Notes						
8. Assessing for Near Neutral SCC	(detail) From t	he review	of the results	of selected	integrity	
ssessments, was the pipeline evaluated for near neutral S						
92.947(g) (192.929(b)(2))	Sat+	Sat	Concern	Unsat	N A	N C
Notes						
9. Reassessment Interval (detail) operator determine a reassessment interval based on SCCI						s, did ti
perator determine a reassessment interval based on SCCI 192.947(d) (192.939(a)(3))	Sat+	Sat	Concern		.aii) N A	NC
.92.947(d) (192.939(d)(3))	3417	Sat	Concern	Olisat	II A	14.0
Notes						
Notes						
10. Alternative Maximum Allowable	Operating D	roccura	nor 102 f	520 (800	6 SMVS	Dula
			-	-		
<b>(detail)</b> If the pipeline operates using an alternative ma						//
(detail) If the pipeline operates using an alternative ma from a review of selected records, were required SCCDA as			_			
	Sat+	Sat	Concern	Unsat	N A	N C
rom a review of selected records, were required SCCDA as	Sat+	Sat	Concern	Unsat	N A	NC

# **Assessment and Repair - Special Permits**

190.341(d)	Sat+	Sat	Concern	Unsat	NA	NC
190.541(u)	3417	Sat	Concern	Olisat	NA	140
Notes		l		1		
2. Special Permits (o	<b>detail)</b> If the pipeline operates under a primed? (AR.SP.ILISP.R) (detail)	a special p	permit, from a	review of se	elected red	cords,
190.341(d)	Sat+	Sat	Concern	Unsat	NA	NC
3. Special Permits (	<b>detail)</b> If the pipeline operates under permit for required repairs? (AR.SP.REP			ne processes	s been mo	dified to
3. Special Permits (				e processes Unsat	s been mo	dified to
<b>3. Special Permits (</b> Incorporate the requirements of the 190.341(d)	permit for required repairs? (AR.SP.REP	AIRSP.P)	(detail)	·		
incorporate the requirements of the 190.341(d)  Notes  4. Special Permits (were required repairs performed? (A)	detail) If the pipeline operates under AR.SP.REPAIRSP.R) (detail)	AIRSP.P) ( Sat  a special	Concern  Dermit, from a	Unsat review of s	<b>NA</b>	N C
3. Special Permits (incorporate the requirements of the 190.341(d)  Notes  4. Special Permits (were required repairs performed? (A	permit for required repairs? (AR.SP.REP.  Sat+  detail) If the pipeline operates under	AIRSP.P) (	(detail)  Concern	Unsat	NA	NC
3. Special Permits (incorporate the requirements of the 190.341(d)  Notes  4. Special Permits (	detail) If the pipeline operates under AR.SP.REPAIRSP.R) (detail)	AIRSP.P) ( Sat  a special	Concern  Dermit, from a	Unsat review of s	<b>NA</b>	N C

# CRM, SCADA, and Leak Detection - General

192.631(a)(2)	Sat+	Sat	Concern	Unsat	NA	N C
152.051(d)(2)	Juli	Jut	Concern	Ulisat		14.0
Notes		l				
2. Control Room Manageme CR.CRMGEN.CRMMGMT.P) (detail)	nt (detail) Are CRM prod	cedures fo	rmalized and o	controlled?		
192.631(a)(2)	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
2. Control Doom Manageme	ant (datail) w					
<del>-</del>		dures appi	Concern	, and implei	mented or	n or befo
3. Control Room Managementhe regulatory deadline? (CR.CRMGEN.CRMIMPL 192.631(a)(2)  Notes	EMENT.R) (detail)			·		
the regulatory deadline? (CR.CRMGEN.CRMIMPL 192.631(a)(2)  Notes  4. Control Room Managem	EMENT.R) (detail)  Sat+	Sat	Concern	Unsat	NA	N C
the regulatory deadline? (CR.CRMGEN.CRMIMPL 192.631(a)(2)  Notes	EMENT.R) (detail)  Sat+	Sat	Concern	Unsat	NA	N C
A. Control Room Managem (CR.CRMGEN.CRMIMPL (CR.CRMGEN.CRMIMPL (CR.CRMGEN.CRMIMPL (CR.CRMGEN.CRMPROCLOCATION.O) (detail) (192.631(a)(2)	ent (detail) Are procedu	Sat ures readin	Concern	<b>Unsat</b> controllers in	<b>NA</b> n the cont	N C
CR.CRMGEN.CRMIMPL  4. Control Room Managem  (CR.CRMGEN.CRMIMPL  4. Control Room Managem  (CR.CRMGEN.CRMPROCLOCATION.O) (detail)	ent (detail) Are procedu	Sat ures readin	Concern	<b>Unsat</b> controllers in	<b>NA</b> n the cont	N C

# CRM, SCADA, and Leak Detection - Roles and Responsibilities

192.631(b)	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
	bilities (detail) Are there pro		place to assure	that only q	ualified in	dividua
nay assume control at any console/desk	,	1				
92.631(b)	Sat+	Sat	Concern	Unsat	NA	N C
iotes						
3. Roles and Respons	ibilities (detail) If the physica	ıl domain d	of responsibility	v neriodicall	lv changes	s. has a
ear process been established to describ						
92.631(b)	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
Notes						
Notes						
4. Controller Authorit	ty (Abnormal Operations)			ses been es	tablished	to defir
	ities when an abnormal operating c			ses been es	tablished	to defir
<b>4. Controller Authorit</b> se controllers' authority and responsibil CR.CRMRR.AUTHORITYABNORMAL.P) (c	ities when an abnormal operating c			ses been es Unsat	tablished N A	to defir
<b>4. Controller Authorit</b> be controllers' authority and responsibil CR.CRMRR.AUTHORITYABNORMAL.P) (c	ities when an abnormal operating of detail)	ondition is	detected?			
<b>4. Controller Authorit</b> se controllers' authority and responsibil CR.CRMRR.AUTHORITYABNORMAL.P) (co. 92.631(b)(2)	ities when an abnormal operating of detail)	ondition is	detected?			
<b>4. Controller Authorit</b> se controllers' authority and responsibil CR.CRMRR.AUTHORITYABNORMAL.P) (co. 92.631(b)(2)	ities when an abnormal operating of detail)	ondition is	detected?			
<b>4. Controller Authorit</b> se controllers' authority and responsibil CR.CRMRR.AUTHORITYABNORMAL.P) (co. 92.631(b)(2)	ities when an abnormal operating of detail)	ondition is	detected?			
<b>4. Controller Authorit</b> <i>e controllers' authority and responsibil</i> CR.CRMRR.AUTHORITYABNORMAL.P) (co.) 92.631(b)(2)	ities when an abnormal operating of detail)	ondition is	detected?			
4. Controller Authority and responsibil CR.CRMRR.AUTHORITYABNORMAL.P) (c. 92.631(b)(2) Notes  5. Roles and Responsi	bilities (detail) Do processes	Sat  address a	Concern  controller's rol	Unsat	NA	N C
4. Controller Authority and responsibile controllers' authority and responsibile cr.CRMRR.AUTHORITYABNORMAL.P) (co. 22.631(b)(2)  Notes  5. Roles and Responsition and Controller responsitions and controller responsitions)	bilities (detail) Do processes	Sat  address a E.P) (detai	controller's roll	Unsat	<b>NA</b> mporary ii	<b>NC</b>
4. Controller Authority econtrollers' authority and responsibil CR.CRMRR.AUTHORITYABNORMAL.P) (co. 92.631(b)(2)  Notes  5. Roles and Responsi	bilities (detail) Do processes	Sat  address a	Concern  controller's rol	Unsat	NA	N C

197631701	Sat+	Sat	Concern	Unsat	NA	NC
192.631(b)	Jatt	Jat	Concern	Jugat		14.0
Notes	I					
7. Overpressure Limits (detail) they are responsible, and have they been assigned t						for whic
(CR.CRMRR.PRESSLIMITS.O) (detail)		C-1			N. A	N.C.
192.631(b)(2) (192.619(a); 192.631(e)(1))	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
8. Controller Authority (Emer authority and responsibility to make decisions, take						
of, and during, an emergency or if a leak or rupture	is suspected? (CR.CRMR	R.AUTHO		CY.P) (deta		
192.631(b)(3)	Sat+	Sat	Concern	Unsat	NA	NC
192.631(b)(3)  Notes	Sat+	Sat	Concern	Unsat	NA	NC
192.631(b)(3)  Notes	Sat+	Sat	Concern	Unsat	NA	NC
	Sat+	Sat	Concern	Unsat	N A	NC
	Sat+	Sat	Concern	Unsat	NA	NC
Notes  9. Control Center Evacuation (	detail) Do processes s	specifically				
9. Control Center Evacuation (che event the control room must be evacuated? (CR.	detail) Do processes s	specifically				
9. Control Center Evacuation (che event the control room must be evacuated? (CR.	<b>detail)</b> <i>Do processes</i> s	specifically (detail)	y address the c	controller's i	responsibi	lities in
Notes	<b>detail)</b> <i>Do processes</i> s	specifically (detail)	y address the c	controller's i	responsibi	lities in
9. Control Center Evacuation (che event the control room must be evacuated? (CR. 192.631(b)(3)	<b>detail)</b> <i>Do processes</i> s	specifically (detail)	y address the c	controller's i	responsibi	lities in
9. Control Center Evacuation (athe event the control room must be evacuated? (CR. 192.631(b)(3)	<b>detail)</b> <i>Do processes</i> s	specifically (detail)	y address the c	controller's i	responsibi	lities in
9. Control Center Evacuation (che event the control room must be evacuated? (CR. 192.631(b)(3)	detail) Do processes s CRMRR.EVACUATION.P) Sat+	specifically (detail) Sat	concern	controller's i	responsibi N A	lities in
9. Control Center Evacuation (che event the control room must be evacuated? (CR. 192.631(b)(3)	detail) Do processes s CRMRR.EVACUATION.P) Sat+	specifically (detail) Sat	concern	controller's i	responsibi <b>N A</b>	lities in
9. Control Center Evacuation (che event the control room must be evacuated? (CR. 192.631(b)(3)  Notes  10. Communication Failure (deevent of a SCADA system or data communications system)	detail) Do processes s CRMRR.EVACUATION.P) Sat+	specifically (detail) Sat	concern	controller's i	responsibi <b>N A</b>	lities in
9. Control Center Evacuation (che event the control room must be evacuated? (CR. 192.631(b)(3)  Notes  10. Communication Failure (desvent of a SCADA system or data communications systems or systems) (detail)	detail) Do processes solution.P)  Sat+  Petail) Do processes specific impacting in the control of the control o	specifically (detail) Sat	Concern  Concern  address the contions of the continuous of the co	Unsat Unsat otroller's restroller's don	responsibi N A	lities in  NC

12. Shift Change Process - Documentation ( and-over of responsibility, document the time the actual hand-over of at were communicated during the hand-over? (CR.CRMRR.HANDOVER b2.631(b)(4) (192.631(c)(5))  Sa  Intes  13. Shift Change Process - Documentation ( sponsibility, document the time the actual hand-over of responsibility mmunicated during the hand-over? (CR.CRMRR.HANDOVERDOC.R) (c) b2.631(b)(4) (192.631(c)(5))  Sa  14. Shift Change Process - Overlap (detail) spending important activities ensuring adequate overlap? (CR.CRMRR b2.631(b)(4)  Sa	detai occurs etail)	nsibility of P) (detail  Sat  ii) Are to so, and the	Concern  Chere records to	Unsat  hat docume	NA  NA	N C
12. Shift Change Process - Documentation (and-over of responsibility, document the time the actual hand-over of at were communicated during the hand-over? (CR.CRMRR.HANDOVER 22.631(b)(4) (192.631(c)(5))  Salotes  13. Shift Change Process - Documentation (asponsibility, document the time the actual hand-over of responsibility formunicated during the hand-over? (CR.CRMRR.HANDOVERDOC.R) (co. 22.631(b)(4) (192.631(c)(5))  Salotes  14. Shift Change Process - Overlap (detail) appending important activities ensuring adequate overlap? (CR.CRMRR.	detai occurs etail)	nsibility (P) (detail  Sat  il) Are the same the	Concern  Concern  there records the key information	Unsat  Unsat  hat docume	N A  N the hand	N C
and-over of responsibility, document the time the actual hand-over of at were communicated during the hand-over? (CR.CRMRR.HANDOVER 92.631(b)(4) (192.631(c)(5))  Salotes  13. Shift Change Process - Documentation (Isponsibility, document the time the actual hand-over of responsibility of minimunicated during the hand-over? (CR.CRMRR.HANDOVERDOC.R) (CR.CS.CRMRR.HANDOVERDOC.R) (CR.CS.CS.CS.CS.CS.CS.CS.CS.CS.CS.CS.CS.CS.	detai occurs etail)	nsibility (P) (detail  Sat  il) Are the same the	Concern  Concern  there records the key information	Unsat  Unsat  hat docume	N A  N the hand	N C
and-over of responsibility, document the time the actual hand-over of at were communicated during the hand-over? (CR.CRMRR.HANDOVER 92.631(b)(4) (192.631(c)(5))  Salotes  13. Shift Change Process - Documentation (Isponsibility, document the time the actual hand-over of responsibility of minimunicated during the hand-over? (CR.CRMRR.HANDOVERDOC.R) (CR.CS.CRMRR.HANDOVERDOC.R) (CR.CS.CS.CS.CS.CS.CS.CS.CS.CS.CS.CS.CS.CS.	detai occurs etail)	nsibility (P) (detail  Sat  il) Are the same the	Concern  Concern  there records the key information	Unsat  Unsat  hat docume	N A  N the har	N C
and-over of responsibility, document the time the actual hand-over of at were communicated during the hand-over? (CR.CRMRR.HANDOVER 92.631(b)(4) (192.631(c)(5))  Salotes  13. Shift Change Process - Documentation (Isponsibility, document the time the actual hand-over of responsibility of minimunicated during the hand-over? (CR.CRMRR.HANDOVERDOC.R) (CR.CS.CRMRR.HANDOVERDOC.R) (CR.CS.CS.CS.CS.CS.CS.CS.CS.CS.CS.CS.CS.CS.	detai occurs etail)	nsibility (P) (detail  Sat  il) Are the same the	Concern  Concern  there records the key information	Unsat  Unsat  hat docume	N A  N the har	N C
and-over of responsibility, document the time the actual hand-over of at were communicated during the hand-over? (CR.CRMRR.HANDOVER 92.631(b)(4) (192.631(c)(5))  Salotes  13. Shift Change Process - Documentation (Isponsibility, document the time the actual hand-over of responsibility of minimunicated during the hand-over? (CR.CRMRR.HANDOVERDOC.R) (CR.CS.CRMRR.HANDOVERDOC.R) (CR.CS.CS.CS.CS.CS.CS.CS.CS.CS.CS.CS.CS.CS.	detai occurs etail)	nsibility (P) (detail  Sat  il) Are the same the	Concern  Concern  there records the key information	Unsat  Unsat  hat docume	N A  N the har	N C
13. Shift Change Process - Documentation ( sponsibility, document the time the actual hand-over of responsibility mmunicated during the hand-over? (CR.CRMRR.HANDOVERDOC.R) ( 22.631(b)(4) (192.631(c)(5))  Sa  14. Shift Change Process - Overlap (detail) spending important activities ensuring adequate overlap? (CR.CRMRR.	detai occurs etail)	P) (detail  Sat  il) Are to so, and the	Concern  there records the key information	Unsat  Hat docume	<b>NA</b> nt the han	N C
13. Shift Change Process - Documentation ( sponsibility, document the time the actual hand-over of responsibility mmunicated during the hand-over? (CR.CRMRR.HANDOVERDOC.R) (c) 22.631(b)(4) (192.631(c)(5))  Sa  14. Shift Change Process - Overlap (detail) spending important activities ensuring adequate overlap? (CR.CRMRR.	detai occurs etail)	Sat  il) Are the solution of t	Concern  there records the key information	hat docume tion and top	nt the han	nd-over ere
13. Shift Change Process - Documentation ( sponsibility, document the time the actual hand-over of responsibility mmunicated during the hand-over? (CR.CRMRR.HANDOVERDOC.R) ( 02.631(b)(4) (192.631(c)(5))  Sa  lotes  14. Shift Change Process - Overlap (detail) spending important activities ensuring adequate overlap? (CR.CRMRR.	detai occurs etail)	<b>il)</b> Are t s, and th	there records to be key informati	hat docume tion and top	nt the han	nd-over ere
13. Shift Change Process - Documentation ( sponsibility, document the time the actual hand-over of responsibility simmunicated during the hand-over? (CR.CRMRR.HANDOVERDOC.R) (0 02.631(b)(4) (192.631(c)(5))  Sa  Iotes  14. Shift Change Process - Overlap (detail) spending important activities ensuring adequate overlap? (CR.CRMRR.	occurs etail) :+	s, and th	e key informat	tion and top	ics that w	rere
13. Shift Change Process - Documentation ( sponsibility, document the time the actual hand-over of responsibility simmunicated during the hand-over? (CR.CRMRR.HANDOVERDOC.R) (0 02.631(b)(4) (192.631(c)(5))  Sa  Iotes  14. Shift Change Process - Overlap (detail) spending important activities ensuring adequate overlap? (CR.CRMRR.	occurs etail) :+	s, and th	e key informat	tion and top	ics that w	rere
sponsibility, document the time the actual hand-over of responsibility ommunicated during the hand-over? (CR.CRMRR.HANDOVERDOC.R) (692.631(b)(4) (192.631(c)(5))  Sa  Idea  14. Shift Change Process - Overlap (detail) opending important activities ensuring adequate overlap? (CR.CRMRR.	occurs etail) :+	s, and th	e key informat	tion and top	ics that w	rere
sponsibility, document the time the actual hand-over of responsibility ommunicated during the hand-over? (CR.CRMRR.HANDOVERDOC.R) (692.631(b)(4) (192.631(c)(5))  Sa  Idea  14. Shift Change Process - Overlap (detail) opending important activities ensuring adequate overlap? (CR.CRMRR.	occurs etail) :+	s, and th	e key informat	tion and top	ics that w	rere
sponsibility, document the time the actual hand-over of responsibility ommunicated during the hand-over? (CR.CRMRR.HANDOVERDOC.R) (692.631(b)(4) (192.631(c)(5))  Sa  Idea  14. Shift Change Process - Overlap (detail) opending important activities ensuring adequate overlap? (CR.CRMRR.	occurs etail) :+	s, and th	e key informat	tion and top	ics that w	rere
sponsibility, document the time the actual hand-over of responsibility ommunicated during the hand-over? (CR.CRMRR.HANDOVERDOC.R) (692.631(b)(4) (192.631(c)(5))  Sa  Idea  14. Shift Change Process - Overlap (detail) opending important activities ensuring adequate overlap? (CR.CRMRR.	occurs etail) :+	s, and th	e key informat	tion and top	ics that w	rere
14. Shift Change Process - Overlap (detail)  spending important activities ensuring adequate overlap? (CR.CRMRR.	+		Concern	Unsat	NA	N C
14. Shift Change Process - Overlap (detail)  spending important activities ensuring adequate overlap? (CR.CRMRR.		Sat	Concern	Unsat	N A	N C
14. Shift Change Process - Overlap (detail)  spending important activities ensuring adequate overlap? (CR.CRMRR.						
14. Shift Change Process - Overlap (detail)  spending important activities ensuring adequate overlap? (CR.CRMRR.						
npending important activities ensuring adequate overlap? (CR.CRMRR.						
npending important activities ensuring adequate overlap? (CR.CRMRR.						
npending important activities ensuring adequate overlap? (CR.CRMRR.						
npending important activities ensuring adequate overlap? (CR.CRMRR.						
					liscuss rec	ent and
92.631(b)(4)			, ,		N. A.	N. C
	. +	Sat	Concern	Unsat	NA	N C
lotes						
15. Shift Change Process - Handover Altern assume responsibility for any reason, do the shift hand-over process						continu
pocessing responsibility for any reason, do the smit hand-over process pecifically address this situation? (CR.CRMRR.HANDOVERALTERNATIVE			nauve Siiit na	iiiu-ovei aci	.1011S LITAL	
92.631(b)(4) Sa	+	Sat	Concern	Unsat	NA	N C
lotes						

192.631(b)(4)	Sat+	Sat	Concern	Unsat	NA	NC
	3401			0.11001		
Notes						
<b>17. Shift Change Process -</b> Overage during shift hand-over? (CR.CRMRR.CO			Do processes n	naintain ade	equate cor	isole
.92.631(b)(4)	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
CRM, SCADA, and Leak De	etection - Supe	erviso	orv Con	trol an	nd Da	ta
•	etection - Supe	erviso	ory Con	trol ar	ıd Da	ta
•	etection - Supe	erviso	ory Con	trol an	ıd Da	ta
CRM, SCADA, and Leak Do	·		-			
•	t <b>ail)</b> Do processes clearly c	lefine the	types of chang	ges to the S	CADA sys	tem(s)
Acquisition  1. Change Management (det hat constitute additions, expansions, or replacer	t <b>ail)</b> Do processes clearly c	lefine the	types of chang	ges to the S	CADA sys	tem(s)
Acquisition  1. Change Management (det hat constitute additions, expansions, or replacer	tail) Do processes clearly of ments under the meaning of	lefine the the CRM	types of chang	ges to the S DA.SYSTEM	<i>CADA sys</i> MOC.P) ((	tem(s) detail)
1. Change Management (det hat constitute additions, expansions, or replacer 92.631(c)(1)	tail) Do processes clearly of ments under the meaning of	lefine the the CRM	types of chang	ges to the S DA.SYSTEM	<i>CADA sys</i> MOC.P) ((	tem(s) detail)
1. Change Management (det hat constitute additions, expansions, or replacer 92.631(c)(1)	tail) Do processes clearly of ments under the meaning of	lefine the the CRM	types of chang	ges to the S DA.SYSTEM	<i>CADA sys</i> MOC.P) ((	tem(s) detail)
1. Change Management (det hat constitute additions, expansions, or replacer 92.631(c)(1)	tail) Do processes clearly of ments under the meaning of	lefine the the CRM	types of chang	ges to the S DA.SYSTEM	<i>CADA sys</i> MOC.P) ((	tem(s) detail)
1. Change Management (det hat constitute additions, expansions, or replacer 92.631(c)(1)	tail) Do processes clearly of ments under the meaning of	lefine the the CRM	types of chang	ges to the S DA.SYSTEM	<i>CADA sys</i> MOC.P) ((	tem(s) detail)
1. Change Management (det hat constitute additions, expansions, or replacer 1.92.631(c)(1)  Notes  2. SCADA Displays (detail) A	tail) Do processes clearly of ments under the meaning of Sat+	define the the CRM Sat	types of changrule? (CR.SCA	ges to the S DA.SYSTEM Unsat	CADA sys MOC.P) (o <b>N A</b>	tem(s) detail)  N C
1. Change Management (det hat constitute additions, expansions, or replacer 92.631(c)(1)  Notes  2. SCADA Displays (detail) A SCADA systems that have been added, expanded	Are there written processes du and du control de la contro	to implem	types of changrule? (CR.SCA	ges to the S DA.SYSTEM Unsat P 1165 disple	CADA sys MOC.P) (o N A ay standa	tem(s) detail)  N C  rds to t
1. Change Management (det hat constitute additions, expansions, or replacer 92.631(c)(1)  Notes  2. SCADA Displays (detail) A CADA systems that have been added, expanded	tail) Do processes clearly of ments under the meaning of Sat+	define the the CRM Sat	types of changrule? (CR.SCA	ges to the S DA.SYSTEM Unsat	CADA sys MOC.P) (o <b>N A</b>	tem(s) detail) NC
1. Change Management (det nat constitute additions, expansions, or replacer 92.631(c)(1)  Notes  2. SCADA Displays (detail) A CADA systems that have been added, expanded 92.631(c)(1)	Are there written processes du and du control de la contro	to implem	types of changrule? (CR.SCA	ges to the S DA.SYSTEM Unsat P 1165 disple	CADA sys MOC.P) (o N A ay standa	tem(s) detail)  N C
1. Change Management (det hat constitute additions, expansions, or replacer 92.631(c)(1)  Notes  2. SCADA Displays (detail) A CADA systems that have been added, expanded 92.631(c)(1)	Are there written processes du and du control de la contro	to implem	types of changrule? (CR.SCA	ges to the S DA.SYSTEM Unsat P 1165 disple	CADA sys MOC.P) (o N A ay standa	tem(s) detail)  N C
Acquisition  1. Change Management (det hat constitute additions, expansions, or replacer 1.92.631(c)(1)  Notes	Are there written processes du and du control de la contro	to implem	types of changrule? (CR.SCA	ges to the S DA.SYSTEM Unsat P 1165 disple	CADA sys MOC.P) (o N A ay standa	tem(s) detail)  NC  rds to tail)

l92.631(c)(1)	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
4. SCADA Display O	<b>Objects (detail)</b> Has section 8 of A	PI RP 116	5 regarding di	splay object	characte	ristics
een implemented? (CR.SCADA.DISP	LAYOBJECTS.O) (detail)					
92.631(c)(1)	Sat+	Sat	Concern	Unsat	NA	N C
lotes						
	Oynamics (detail) Has section 9	of API RP	1165 regarding	display obj	iect dynan	nics be
nplemented? (CR.SCADA.DISPLAYD	YNAMICS.R) (detail)					
92.631(c)(1)	Sat+	Sat	Concern	Unsat	NA	NC
92.631(c)(1)	Sat+	Sat	Concern	Unsat	NA	NC
92.631(c)(1) Notes	Sat+	Sat	Concern	Unsat	NA	NC
	Sat+	Sat	Concern	Unsat	N A	NC
	Sat+	Sat	Concern	Unsat	NA	NC
	Sat+	Sat	Concern	Unsat	NA	NC
Notes  6. SCADA Administ	ration (detail) Have applicable pa					
Notes  6. SCADA Administ een implemented? (CR.SCADA.ADM	ration (detail) Have applicable pa	ragraphs (	of section 11 o	f API RP 11	65 admini	stration
Notes  6. SCADA Administ een implemented? (CR.SCADA.ADM	ration (detail) Have applicable pa					
6. SCADA Administ een implemented? (CR.SCADA.ADM 92.631(c)(1)	ration (detail) Have applicable pa	ragraphs (	of section 11 o	f API RP 11	65 admini	stration
6. SCADA Administ een implemented? (CR.SCADA.ADM 92.631(c)(1)	ration (detail) Have applicable pa	ragraphs (	of section 11 o	f API RP 11	65 admini	stration
Notes  6. SCADA Administ	ration (detail) Have applicable pa	ragraphs (	of section 11 o	f API RP 11	65 admini	stration
6. SCADA Administ een implemented? (CR.SCADA.ADM 92.631(c)(1)	ration (detail) Have applicable pa	ragraphs (	of section 11 o	f API RP 11	65 admini	stration
6. SCADA Administ een implemented? (CR.SCADA.ADM 92.631(c)(1)	ration (detail) Have applicable pa	ragraphs (	of section 11 o	f API RP 11	65 admini	stration
6. SCADA Administ een implemented? (CR.SCADA.ADM 92.631(c)(1) Notes 7. SCADA Impractio	ration (detail) Have applicable partical (detail)  Sat+  cality (detail) If any/all applicable	Sat	Concern	f API RP 110 Unsat	65 admini <b>N A</b>	stratio
6. SCADA Administ een implemented? (CR.SCADA.ADM. 92.631(c)(1)  Notes  7. SCADA Impraction	ration (detail) Have applicable partical (detail)  Sat+  cality (detail) If any/all applicable ted and documented that the unimplen	Sat	Concern	f API RP 110 Unsat	65 admini <b>N A</b>	stratio
6. SCADA Administ een implemented? (CR.SCADA.ADM 92.631(c)(1) Notes  7. SCADA Impraction plemented, has it been demonstrated seed? (CR.SCADA.1165IMPRACTICAL	ration (detail) Have applicable parties and second	Sat paragraph	Concern  Concern  h(s) of API RP	f API RP 110  Unsat  1165 have a practical for	<b>N A</b> not been the SCAD	stration N C
6. SCADA Administ een implemented? (CR.SCADA.ADM 92.631(c)(1) Notes 7. SCADA Impractio	ration (detail) Have applicable partical (detail)  Sat+  cality (detail) If any/all applicable ted and documented that the unimplen	Sat	Concern	f API RP 110 Unsat	65 admini <b>N A</b>	stration N C

192.631(c)(2)	Sat+	Sat	Concern	Unsat	NA	N C
W-L-						
lotes						
9. Set Points (detail) Do CR.SCADA.SETPOINT.R) (detail)	records indicate safety-related pol	nts have	been adequate	ely impleme	nted?	
92.631(c)(2)	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
10. Point-to-Point Verificumstances which require a point-to-point	ication (detail) Are there ad int verification? (CR.SCADA.POINT			ine and idei	ntify the	
92.631(c)(2)	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
		d point-to	o-point verifica	tions been	performed	!?
11. Point-to-Point Verif CR.SCADA.POINTVERIFY.R) (detail)	ication (detail) Have require	,				
CR.SCADA.POINTVERIFY.R) (detail)	Sat+	Sat	Concern	Unsat	NA	N C
CR.SCADA.POINTVERIFY.R) (detail) 92.631(c)(2)			Concern	Unsat	N A	N C
11. Point-to-Point Verif CR.SCADA.POINTVERIFY.R) (detail) 92.631(c)(2) Notes			Concern	Unsat	NA	N C
CR.SCADA.POINTVERIFY.R) (detail) 92.631(c)(2)			Concern	Unsat	NA	NC
CR.SCADA.POINTVERIFY.R) (detail) 92.631(c)(2)  Notes	Sat+	Sat				
CR.SCADA.POINTVERIFY.R) (detail) 92.631(c)(2)  Notes  12. Point-to-Point Vering point-to-point verification? (CR.SCADA	Sat+	Sat				ness o
CR.SCADA.POINTVERIFY.R) (detail) 92.631(c)(2)  Notes  12. Point-to-Point Veri	Sat+  Ification Extent (detail) A.  I.POINTVERIFYEXTENT.P) (detail)	Sat	dequate proce	esses for the	thorough	

92.631(c)(2)	Sat+	Sat	Concern	Unsat	NA	NO
Notes						
14. Point-to-Point Verification Inte				ocess for de	efining wh	en the
oint-to-point verification must be completed? (CR.SCADA			1			
92.631(c)(2)	Sat+	Sat	Concern	Unsat	N A	N C
Notes						
15 Daint to Daint Varification Inte	(dot=:1)	5	1. 1. 1. 1. 1. 1.			
<b>15. Point-to-Point Verification Inte</b> een completed at the required intervals? (CR.SCADA.POII			is indicate the	point-to-po	int verifica	ation h
92.631(c)(2)	Sat+	Sat	Concern	Unsat	N A	N C
Notes	l l					
16. Internal Communication Plan (d	<b>detail)</b> Has an ir	nternal co	mmunication p	olan been es	stablished	and
nplemented that is adequate to manually operate the pipe						
92.631(c)(3)	Sat+	Sat	Concern	Unsat	N A	N C
Notes						
17. Internal Communication Plan (d						verifie
<b>17. Internal Communication Plan (</b> or manual operation of the pipeline safely at least once ea CR.SCADA.COMMPLAN.R) (detail)						verifie
or manual operation of the pipeline safely at least once ea						verifie N (
or manual operation of the pipeline safely at least once ea CR.SCADA.COMMPLAN.R) (detail)	nch calendar year b	out at inte	rvals not exce	eding 15 m	onths?	1

192.631(c)		Sat+	Sat	Concern	Unsat	NA	N C
Notes							
	SCADA Development (c.BACKUPSCADADEV.P) (detail)	<b>letail)</b> Has the	use of the	backup SCAD	A system fo	or develop	ment wo
192.631(c)(4)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Sat+	Sat	Concern	Unsat	N A	N C
Notes							
	SCADA Testing (detail) months? (CR.SCADA.BACKUPSC			Concern	Unsat	N A	N C
Notes							
<b>21. Backup</b> for decision-making and in	SCADA Verification (denternal communications to succestor.SCADA.BACKUPSCADAVERIF	sfully implement	esting ver a transitio	rify that there on from primar	are adequat y SCADA to	e process backup S	es in pla
<b>21. Backup</b> for decision-making and in back to primary SCADA? ((	nternal communications to succes	sfully implement	resting ver a transitio	rify that there and from primar	are adequat y SCADA to Unsat	re process backup S N A	es in plac CADA, a
<b>21. Backup</b> for decision-making and in back to primary SCADA? ((	nternal communications to succes	ssfully implement ( Y.R) (detail)	a transitio	n from primar	y SCADA to	backup S	CADA, a
21. Backup for decision-making and in back to primary SCADA? (( 192.631(c)(4)  Notes  22. Backup functionality of the main S	nternal communications to succes	Sat +  Sat +  ail) If the back-udetermine whether	Sat  Sat  Up SCADA r there are	Concern  Concern  system is note adequate pro	Unsat  Unsat  designed to	NA  NA  handle applace to ac	NC  NC

Notes

92.631(c)(4)	Sat+	Sat	Concern	Unsat	NA	N C
,,,,						
Notes						
24. Backup SCADA Return to Prima	arv (detail) D	o procedu	ıres adeauatel	v address ai	nd test the	e loaist
f returning operations back to the primary control room?						
92.631(c)(4)	Sat+	Sat	Concern	Unsat	NA	N C
lotes						
25. Backup SCADA Testing (detail				functions in	the back-	up SCA
rstem being tested to ensure proper operation in the ever CR.SCADA.BACKUPSCADAFUNCTIONS.R) (detail)	nt the backup syst	em is nee	ded?			
92.631(c)(4)	Sat+	Sat	Concern	Unsat	NA	N C
lotes						
Notes						
Notes						
Notes						
	ures (detail) /	are process	eses adequate	for inspection	on and tes	t of ea
<b>26. Overpressure Protection Featu</b> ressure relieving device in a compressor station, including						
<b>26. Overpressure Protection Featu</b> ressure relieving device in a compressor station, including CR.SCADA.CMPPRESSRELIEFTEST.P) (detail)	periodic operation	n to deter	mine opening	at the corre	ect set pre	ssure?
<b>26. Overpressure Protection Featu</b> ressure relieving device in a compressor station, including CR.SCADA.CMPPRESSRELIEFTEST.P) (detail)				at the corre		
<b>26. Overpressure Protection Featu</b> ressure relieving device in a compressor station, including CR.SCADA.CMPPRESSRELIEFTEST.P) (detail) 92.731(a) (192.731(b); 192.731(c); 192.631(b))	periodic operation	n to deter	mine opening	at the corre	ect set pre	ssure?
<b>26. Overpressure Protection Featu</b> ressure relieving device in a compressor station, including CR.SCADA.CMPPRESSRELIEFTEST.P) (detail) 92.731(a) (192.731(b); 192.731(c); 192.631(b))	periodic operation	n to deter	mine opening	at the corre	ect set pre	ssure?
<b>26. Overpressure Protection Featu</b> ressure relieving device in a compressor station, including CR.SCADA.CMPPRESSRELIEFTEST.P) (detail) 92.731(a) (192.731(b); 192.731(c); 192.631(b))	periodic operation	n to deter	mine opening	at the corre	ect set pre	ssure?
<b>26. Overpressure Protection Featu</b> ressure relieving device in a compressor station, including CR.SCADA.CMPPRESSRELIEFTEST.P) (detail) 92.731(a) (192.731(b); 192.731(c); 192.631(b))	periodic operation	n to deter	mine opening	at the corre	ect set pre	ssure?
<b>26. Overpressure Protection Featu</b> ressure relieving device in a compressor station, including CR.SCADA.CMPPRESSRELIEFTEST.P) (detail) 92.731(a) (192.731(b); 192.731(c); 192.631(b))	periodic operation	n to deter	mine opening	at the corre	ect set pre	ssure?
26. Overpressure Protection Featuressure relieving device in a compressor station, including CR.SCADA.CMPPRESSRELIEFTEST.P) (detail) 92.731(a) (192.731(b); 192.731(c); 192.631(b)) Notes  27. Overpressure Protection Feature	Sat+	Sat  Oo inspect	Concern  Concern	Unsat  Unsat	N A  NA  Ach pressu	N (
26. Overpressure Protection Featuressure relieving device in a compressor station, including CR.SCADA.CMPPRESSRELIEFTEST.P) (detail) 92.731(a) (192.731(b); 192.731(c); 192.631(b)) Notes  27. Overpressure Protection Feature elieving device in a compressor station indicate it was ope	Sat+	Sat  Oo inspect	Concern  Concern	Unsat  Unsat	N A  NA  Ach pressu	N (
26. Overpressure Protection Featuressure relieving device in a compressor station, including CR.SCADA.CMPPRESSRELIEFTEST.P) (detail) 92.731(a) (192.731(b); 192.731(c); 192.631(b))  Notes  27. Overpressure Protection Features device in a compressor station indicate it was open CR.SCADA.CMPPRESSRELIEFTEST.R) (detail)	Sat+  Ires (detail) [ Parated periodically	Sat  So inspect to determ	Concern  Concern  ion and test reine that it ope	Unsat  Unsat  ecords for eachs at the co	N A  N A  ach pressu	N C
26. Overpressure Protection Featuressure relieving device in a compressor station, including CR.SCADA.CMPPRESSRELIEFTEST.P) (detail) 92.731(a) (192.731(b); 192.731(c); 192.631(b)) Notes  27. Overpressure Protection Feature	Sat+	Sat  Oo inspect	Concern  Concern	Unsat  Unsat	N A  NA  Ach pressu	ssure?

.92.739(a) (192.631(b))	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
29. Overpressure Protection Features (	detail) D	o records	indicate adequ	uate inspect	tion and te	sting f
ach pressure relieving device in a pressure limiting station? (CR	Sat+	Sat	Concern	,	N A	NC
92.739(a) (192.631(b))	Заст	Sat	Concern	Ulisat	NA .	14 C
Notes						
iotes						
20 Value Maintanana (datail) wasan u						
<b>30. Valve Maintenance (detail)</b> If SCADA is unctionality during the inspection and partial operation of valves					test this	
92.745(a) (192.631(b))	Sat+	Sat	Concern		NA	N C
Notos						
Notes						
Notes						
Notes						
Notes						
31. Valve Maintenance (detail) If SCADA is					e SCADA s	ystem
<b>31. Valve Maintenance (detail)</b> If SCADA is vas adequately involved in the testing to ensure valve operation	(CR.SCAD	A.VALVET	EST.R) (detail)	)		
<b>31. Valve Maintenance (detail)</b> If SCADA is vas adequately involved in the testing to ensure valve operation				)	e SCADA s NA	ystem N C
<b>31. Valve Maintenance (detail)</b> If SCADA is vas adequately involved in the testing to ensure valve operation	(CR.SCAD	A.VALVET	EST.R) (detail)	)		
	(CR.SCAD	A.VALVET	EST.R) (detail)	)		
<b>31. Valve Maintenance (detail)</b> If SCADA is vas adequately involved in the testing to ensure valve operation 92.709(c) (192.745(a))	(CR.SCAD	A.VALVET	EST.R) (detail)	)		
<b>31. Valve Maintenance (detail)</b> If SCADA is vas adequately involved in the testing to ensure valve operation 92.709(c) (192.745(a))	(CR.SCAD	A.VALVET	EST.R) (detail)	)		
<b>31. Valve Maintenance (detail)</b> If SCADA is as adequately involved in the testing to ensure valve operation 92.709(c) (192.745(a))	(CR.SCAD	A.VALVET	EST.R) (detail)	)		
<b>31. Valve Maintenance (detail)</b> If SCADA is as adequately involved in the testing to ensure valve operation 92.709(c) (192.745(a))	(CR.SCAD	A.VALVET	EST.R) (detail)	)		
<b>31. Valve Maintenance (detail)</b> If SCADA is as adequately involved in the testing to ensure valve operation 92.709(c) (192.745(a))	(CR.SCAD	A.VALVET	EST.R) (detail)	)		
<b>31. Valve Maintenance (detail)</b> If SCADA is as adequately involved in the testing to ensure valve operation 92.709(c) (192.745(a))	(CR.SCAD	A.VALVET	EST.R) (detail)	)		
31. Valve Maintenance (detail) If SCADA is as adequately involved in the testing to ensure valve operation 92.709(c) (192.745(a))  Notes	Sat+	A.VALVET Sat	EST.R) (detail) Concern	Unsat		
31. Valve Maintenance (detail) If SCADA is as adequately involved in the testing to ensure valve operation 92.709(c) (192.745(a))  Notes	Sat+	A.VALVET Sat	EST.R) (detail) Concern	Unsat		
<b>31. Valve Maintenance (detail)</b> If SCADA is vas adequately involved in the testing to ensure valve operation 92.709(c) (192.745(a))	- Fatig	sat	Concern	Unsat	NA	NC
31. Valve Maintenance (detail) If SCADA is vas adequately involved in the testing to ensure valve operation 92.709(c) (192.745(a))  Notes  CRM, SCADA, and Leak Detection	- Fatig	sat	Concern	Unsat	NA	NC
31. Valve Maintenance (detail) If SCADA is as adequately involved in the testing to ensure valve operation 92.709(c) (192.745(a))  Notes  CRM, SCADA, and Leak Detection  1. Fatigue Mitigation (detail) Does the fation pecific fatigue risks? (CR.CRMFM.FATIGUEMITIGATION.P) (detail)	- Fatig	sat	Concern	Unsat  ment  es (plan) ide	NA	N C
31. Valve Maintenance (detail) If SCADA is as adequately involved in the testing to ensure valve operation 92.709(c) (192.745(a))  Notes  CRM, SCADA, and Leak Detection  1. Fatigue Mitigation (detail) Does the fati	- Fatiggue mitigati	Jue M	Concern  Concern  concern	Unsat  ment  es (plan) ide	<b>NA</b>	NC

192.631(d)		Sat+	Sat	Concern	Unsat	N A	N C
Notes		'		<u>'</u>			
	ntification (detail) Do position of the national number of the natio					controller	fatigue
.92.631(d)		Sat+	Sat	Concern	Unsat	NA	N C
Notes							
ccountable for managing fatig	gation Manager (detai ue risk and fatigue countermea gency deviations? (CR.CRMFM.	asures, and son	neone (pe	rhaps the sam			
92.631(d)		Sat+	Sat	Concern	Unsat	N A	N C
Notes							
Notes							
Notes							
Notes							
<b>5. Scheduled S</b> lichift hand-over) or is there a di	<b>hift Length (detail)</b> Is t ocumented technical basis to s ent to achieve 8 hours of conti	how that shift i	lengths an	d schedule rot	tations are a	adequate t	
<b>5. Scheduled S</b> l hift hand-over) or is there a d ontrollers off-duty time sufficie		how that shift i	lengths an	d schedule rot	tations are a	adequate t	to provi
<b>5. Scheduled S</b> l hift hand-over) or is there a dontrollers off-duty time sufficient (92.631(d)(1)	ocumented technical basis to s	how that shift in nuous sleep? ((	lengths an CR.CRMFM	d schedule rot .SHIFTLENGTH	tations are a	adequate ( )	to provi
<b>5. Scheduled S</b> lichift hand-over) or is there a di	ocumented technical basis to s	how that shift in nuous sleep? ((	lengths an CR.CRMFM	d schedule rot .SHIFTLENGTH	tations are a	adequate ( )	
<b>5. Scheduled S</b> landshift hand-over) or is there a descentrollers off-duty time sufficients (92.631(d)(1)	ocumented technical basis to s	how that shift in nuous sleep? ((	lengths an CR.CRMFM	d schedule rot .SHIFTLENGTH	tations are a	adequate ( )	to provi
<b>5. Scheduled S</b> l hift hand-over) or is there a d ontrollers off-duty time sufficien 92.631(d)(1)	ocumented technical basis to s	how that shift in nuous sleep? ((	lengths an CR.CRMFM	d schedule rot .SHIFTLENGTH	tations are a	adequate ( )	to provi
5. Scheduled SI hift hand-over) or is there a di ontrollers off-duty time sufficie 92.631(d)(1)  Notes  6. Establishing company when establishing shi and schedule rotations are ade	ocumented technical basis to sent to achieve 8 hours of continent to achieve 8 hours of controllers of the	Sat+  Does the operans or is there a	lengths an CR.CRMFM Sat	d schedule rot .SHIFTLENGTH Concern  in all time the ted technical be	individual i	N A  S working w that shi	N C
5. Scheduled Sl hift hand-over) or is there a di ontrollers off-duty time sufficie 92.631(d)(1)  Notes  6. Establishing ompany when establishing shi nd schedule rotations are ade CR.CRMFM.SHIFTLENGTHTIME	ocumented technical basis to sent to achieve 8 hours of continent to achieve 8 hours of controllers of the	Does the operans or is there aff-duty time suff	lengths an CR.CRMFM Sat Stor factor document ficient to a	in all time the ted technical because 8 hours	individual i	N A  S working w that shi ous sleep?	for the
5. Scheduled Sl hift hand-over) or is there a di ontrollers off-duty time sufficie 92.631(d)(1)  Notes  6. Establishing ompany when establishing shi nd schedule rotations are ade CR.CRMFM.SHIFTLENGTHTIME	ocumented technical basis to sent to achieve 8 hours of continent to achieve 8 hours of controllers of the	Sat+  Does the operans or is there a	lengths an CR.CRMFM Sat	d schedule rot .SHIFTLENGTH Concern  in all time the ted technical be	individual i	N A  S working w that shi	N C
5. Scheduled SI hift hand-over) or is there a di ontrollers off-duty time sufficie 92.631(d)(1)  Notes  6. Establishing ompany when establishing shi nd schedule rotations are ade	ocumented technical basis to sent to achieve 8 hours of continent to achieve 8 hours of controllers of the	Does the operans or is there aff-duty time suff	lengths an CR.CRMFM Sat Stor factor document ficient to a	in all time the ted technical because 8 hours	individual i	N A  S working w that shi ous sleep?	for the

192.631(d)(1)	Sat+	Sat	Concern	Unsat	NΑ	NC
192.001(u)(1)	Salt	Jal	concern	Jusat	14 A	14 C
Notes						
8. On Call Controllers (detail required 8 hours of continuous sleep or is there a cadequate to provide controllers off-duty time suffic (detail)	locumented technical basi	s to show	that shift leng	ths and sch	edule rota	tions are
192.631(d)(1)	Sat+	Sat	Concern	Unsat	N A	N C
Notes						
9. Maximum Hours of Service				,	_	, ,
to no more than 65 hours or is there a documented fatigue? (CR.CRMFM.MAXHOS.P) (detail)				,	_	, ,
to no more than 65 hours or is there a documented fatigue? (CR.CRMFM.MAXHOS.P) (detail)  192.631(d)(4)  Notes  10. Minimum Time Off After Hay period, is the minimum time off at least 35 hours associated with controller fatigue? (CR.CRMFM.MIN	Sat+  Solution (Sat + Sat + Sa	Sat  (detail ed technic	Concern  Concern  After reaching cal basis to she	Unsat  Unsat  og the HOS  ow a reduct	N A  limit in an ion of the	N C  y sliding risk
to no more than 65 hours or is there a documented fatigue? (CR.CRMFM.MAXHOS.P) (detail)  192.631(d)(4)  Notes	Sat+  IOS Limit Reached  urs or is there a document	Sat (detail	Concern  After reachir	Unsat  Unsat  og the HOS  ow a reduct	N A	N C
to no more than 65 hours or is there a documented fatigue? (CR.CRMFM.MAXHOS.P) (detail)  192.631(d)(4)  Notes  10. Minimum Time Off After Hay period, is the minimum time off at least 35 hours associated with controller fatigue? (CR.CRMFM.MIN 192.631(d)(4)  Notes  11. Documented Time Schedumscheduled HOS worked, including overtime and interpretations.	Sat+  IOS Limit Reached urs or is there a document ITIMEOFF.P) (detail)  Sat+	(detail ed technic	Concern  After reachir cal basis to sho  Concern	Unsat  Unsat  Office the HOS  Office the HOS	Ilimit in an	y sliding risk
to no more than 65 hours or is there a documented fatigue? (CR.CRMFM.MAXHOS.P) (detail)  192.631(d)(4)  Notes  10. Minimum Time Off After Hay period, is the minimum time off at least 35 hours associated with controller fatigue? (CR.CRMFM.MIN 192.631(d)(4)  Notes	Sat+  IOS Limit Reached urs or is there a document ITIMEOFF.P) (detail)  Sat+	(detail ed technic	Concern  After reachir cal basis to sho  Concern	Unsat  Unsat  Office the HOS  Office the HOS	Ilimit in an	y sliding risk

.92.631(d)(4)	Sat+	Sat	Concern	Unsat	NA	NC
32.031(0)(1)	3411	Jut	00001	- Circuit		
Notes						
<b>13. Day Only Work Hours</b> ecords indicate shift start times no earlier the CR.CRMFM.WORKHOURS.R) (detail)					ys per wee	ek), do
92.631(d)(4)	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
<b>14. Fatigue Countermea</b> Sountermeasures been implemented for the n						)
ountermeasures been implemented for the n 92.631(d)(4)						) N C
nuntermeasures been implemented for the n 92.631(d)(4)  Notes  15. Daily HOS Limit (deta	inth and beyond hours? (CR.CR Sat+  il) Do processes limit the daily	Sat	Concern	MEASURES Unsat	.P) (detail	NO
Notes  15. Daily HOS Limit (deta	inth and beyond hours? (CR.CR Sat+  il) Do processes limit the daily SLIMIT.P) (detail)	Sat  maximul	Concern  The HOS limit no	MEASURES Unsat	.P) (detail NA	in any
ountermeasures been implemented for the n 92.631(d)(4) Notes	inth and beyond hours? (CR.CR Sat+  il) Do processes limit the daily	Sat	Concern	MEASURES Unsat	.P) (detail	NO
nountermeasures been implemented for the name of the n	inth and beyond hours? (CR.CR Sat+  il) Do processes limit the daily SLIMIT.P) (detail)	Sat  maximul	Concern  The HOS limit no	MEASURES Unsat  more than	.P) (detail NA	in any
nountermeasures been implemented for the n 92.631(d)(4)  Notes  15. Daily HOS Limit (deta liding 24-hour period? (CR.CRMFM.DAILYHOS	il) Do processes limit the daily SLIMIT.P) (detail)  Sat+  Controllers (detail) Do	maximui Sat	Concern  HOS limit no	more than	.P) (detail NA  14 hours NA	in any
15. Daily HOS Limit (detaliding 24-hour period? (CR.CRMFM.DAILYHO: 92.631(d)(4)  Notes  16. Number of Qualified	il) Do processes limit the daily SLIMIT.P) (detail)  Sat+  Controllers (detail) Do	maximui Sat	Concern  HOS limit no	more than	.P) (detail NA  14 hours NA	in any

the risk associated with controller fatigue? (C	rtiert ii i ii eri be i i i eette ii ) (i					T
192.631(d)(4)	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
<b>18. Shift Holdover (detail</b> documented technical basis to show that the controller fatigue? (CR.CRMFM.SHIFTHOLDOV	maximum limit on controller HC					
192.631(d)(4)	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
19. Specific Fatigue Cou						
processes require specific fatigue countermea that the maximum limit on controller HOS is a (CR.CRMFM.SPECIFICCOUNTERMEASURES.P)	sures during applicable time pe adequate to reduce the risk ass	riods, or i	is there a docu	imented tec		
processes require specific fatigue countermea that the maximum limit on controller HOS is a (CR.CRMFM.SPECIFICCOUNTERMEASURES.P)	sures during applicable time pe adequate to reduce the risk ass (detail)	eriods, or i ociated wi	is there a docu	imented tec atigue?	hnical bas	sis to sho
processes require specific fatigue countermeathat the maximum limit on controller HOS is a (CR.CRMFM.SPECIFICCOUNTERMEASURES.P)  192.631(d)(4)  Notes  20. Deviations from HOS	sures during applicable time per adequate to reduce the risk assimited (detail)  Sat+  Limits (detail) Is there a	eriods, or i ociated wi	s there a docuith controller fa	umented tec atigue? Unsat	nnical bas	N C
processes require specific fatigue countermeathat the maximum limit on controller HOS is a (CR.CRMFM.SPECIFICCOUNTERMEASURES.P)  192.631(d)(4)  Notes  20. Deviations from HOS maximum HOS limits? (CR.CRMFM.HOSDEVIA	sures during applicable time per adequate to reduce the risk assimited (detail)  Sat+  Limits (detail) Is there a	eriods, or i ociated wi	s there a docuith controller fa	umented tec atigue?  Unsat	nnical bas	N C
processes require specific fatigue countermea that the maximum limit on controller HOS is a (CR.CRMFM.SPECIFICCOUNTERMEASURES.P) 192.631(d)(4)  Notes	sures during applicable time per adequate to reduce the risk assistant (detail)  Sat+  Limits (detail) Is there a ATIONS.P) (detail)	eriods, or included with the second s	Concern  Cocess for appro	umented tec atigue?  Unsat	N A	N C
processes require specific fatigue countermeathat the maximum limit on controller HOS is a (CR.CRMFM.SPECIFICCOUNTERMEASURES.P)  192.631(d)(4)  Notes  20. Deviations from HOS maximum HOS limits? (CR.CRMFM.HOSDEVIA)	sures during applicable time per adequate to reduce the risk assistant (detail)  Sat+  Limits (detail) Is there a ATIONS.P) (detail)	eriods, or included with the second s	Concern  Cocess for appro	umented tec atigue?  Unsat	N A	N C
20. Deviations from HOS maximum HOS limits? (CR.CRMFM.HOSDEVIA 192.631(d)(4)  Notes  20. Deviations from HOS maximum HOS limits? (CR.CRMFM.HOSDEVIA 192.631(d)(4)  Notes	Limits (detail) Is there a ATIONS.P) (detail)  Sat +  Does the program requires	formal pro	Concern  Concern	Unsat  Unsat  Unsat	NA NA	the NC
processes require specific fatigue countermeathat the maximum limit on controller HOS is a (CR.CRMFM.SPECIFICCOUNTERMEASURES.P)  192.631(d)(4)  Notes  20. Deviations from HOS maximum HOS limits? (CR.CRMFM.HOSDEVIA)  192.631(d)(4)  Notes	Limits (detail) Is there a ATIONS.P) (detail)  Sat +  Does the program requires	formal pro	Concern  Concern	Unsat  Unsat  Unsat  Unsat	NA NA	the NC

192.631(d)(2) (192.631(d)(3))	∣ Sat+	Sat	Concern	Unsat	NA	N C
Notes				1		
23. Fatigue Education Refresher CR.CRMFM.FATIGUEREFRESHER.R) (detail)	(detail) Is refres	her fatigu	e education pr	ovided at re	egular inte	rvals?
.92.631(d)(2) (192.631(d)(3))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
<b>24. Review of Fatigue Education</b> equire that the effectiveness of the fatigue education/t						
5 months? (CR.CRMFM.FATIGUEREVIEW.P) (detail)	raining program be n	evieweu a	t least office ea	icii calellual	year, not	. to ext
92.631(d)(2) (192.631(d)(3))	Sat+	Sat	Concern	Unsat	NA	N C
Notes	'					
Notes	·					<u>'</u>
Notes						
25. Fatigue Mitigation Strategie	<b>s (detail)</b> Does fai (detail)	tigue educ	ration address	fatigue miti	igation str	ategies
<b>25. Fatigue Mitigation Strategie</b> : countermeasures)? (CR.CRMFM.FATIGUESTRATEGY.P)	s (detail) Does fa (detail) Sat+	tigue educ	cation address	-	igation str	ategies N C
<b>25. Fatigue Mitigation Strategie</b> : countermeasures)? (CR.CRMFM.FATIGUESTRATEGY.P)	(detail)	_		-		
<b>25. Fatigue Mitigation Strategie:</b> countermeasures)? (CR.CRMFM.FATIGUESTRATEGY.P)  92.631(d)(2)	(detail)	_		-		
<b>25. Fatigue Mitigation Strategie:</b> countermeasures)? (CR.CRMFM.FATIGUESTRATEGY.P)  92.631(d)(2)	(detail)	_		-		
<b>25. Fatigue Mitigation Strategie:</b> countermeasures)? (CR.CRMFM.FATIGUESTRATEGY.P)  92.631(d)(2)	(detail)	_		-		
25. Fatigue Mitigation Strategies countermeasures)? (CR.CRMFM.FATIGUESTRATEGY.P) 92.631(d)(2) Notes	(detail)  Sat+	Sat	Concern	Unsat	NA	NC
25. Fatigue Mitigation Strategies  countermeasures)? (CR.CRMFM.FATIGUESTRATEGY.P)  92.631(d)(2)  Notes  26. Off-Duty Activity Impact on F	(detail)  Sat+	Sat	Concern	Unsat	NA	NC
25. Fatigue Mitigation Strategies countermeasures)? (CR.CRMFM.FATIGUESTRATEGY.P) 92.631(d)(2)  Notes  26. Off-Duty Activity Impact on Fontribute to fatigue? (CR.CRMFM.OFFDUTY.P) (detail)	Sat+	Sat  Does fatig	<b>Concern</b> gue education	Unsat	<b>N A</b> w off-duty	<b>NC</b>
25. Fatigue Mitigation Strategies countermeasures)? (CR.CRMFM.FATIGUESTRATEGY.P) 92.631(d)(2)  Notes  26. Off-Duty Activity Impact on F ontribute to fatigue? (CR.CRMFM.OFFDUTY.P) (detail)	(detail)  Sat+	Sat	Concern	Unsat	NA	N C
(countermeasures)? (CR.CRMFM.FATIGUESTRATEGY.P) 192.631(d)(2) Notes	Sat+	Sat  Does fatig	<b>Concern</b> gue education	Unsat	<b>N A</b> w off-duty	activit

Notes  28. Fatigue Training Content (deta						
28. Fatigue Training Content (deta						
28. Fatigue Training Content (deta						
28. Fatique Training Content (deta						
28. Fatique Training Content (deta						
	il) Has controller	and sune	rvisor training	to recogniz	e the effe	cts of
atigue been documented? (CR.CRMFM.FATIGUECONTENT.F		ana sape	ivisor training	to recogniz	e the ene	CLS OI
92.631(d)(3)	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
CRM, SCADA, and Leak Detecti	on - Aları	m Ma	nageme	ent		
1. Alarm Procedures (detail) Is the ala ppical areas included in the program? (CR.CRMAM.ALARM.		plan a for	mal process th	at specifica	lly identifi	es criti
	, ,	6-1	Concern	Unsat	NI A	NI C
92.631(e)	Sat+	Sat	Concern	Unsat	NA	N C
Nata-						
Notes						
2. Alarm Malfunction (detail) Is ther	re a process to ide	ntify and	correct inaccui	rate or malf	unctioning	g alarm
CR.CRMAM.ALARMMALFUNCTION.P) (detail)		I				
92.631(e)(1)	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
		ad alarmo	account for di	fferent aları	n designs	and a
3. Alarm Review (detail) Does the review		Lu aiai iiiS				
larm types/priorities? (CR.CRMAM.ALARMREVIEW.P) (deta	ail)	I		11	NI A	N.C
		Sat	Concern	Unsat	N A	N C
larm types/priorities? (CR.CRMAM.ALARMREVIEW.P) (deta	ail)	I		Unsat	N A	N C

192.631(e)(1)	Sat+	Sat	Concern	Unsat	NΑ	N C
Notes	<u> </u>	ı				
5. Managing Stale or Unrelia rocedures and practices for managing stale or u	able Data (detail) Doe	es the rev	iew of safety-r TA P) (detail)	elated alarn	ns include	specif
92.631(e)(1)	Sat+	Sat	Concern	Unsat	N A	N C
500_(0)(-)						
Notes						
6. Monthly Analysis of SCA	DA Data (detail) Do n	rocesses i	require the mo	nthly identii	fication re	ecordin
eview, and analysis of points that have been tal	ken off scan, have had alarn	ns inhibite	d, generated f	alse alarms,	, or that h	
orced or manual values for periods of time exce CR.CRMAM.MONTHLYANALYSIS.P) (detail)	eding that required for asso	ciated ma	intenance or o	perating act	tivities?	
o						_
92.631(e)(2)	Sat+	Sat	Concern	Unsat	NA	l NC
92.631(e)(2)	Sat+	Sat	Concern	Unsat	NA	N C
	Sat+	Sat	Concern	Unsat	NA	N C
	Sat+	Sat	Concern	Unsat	NA	NC
	Sat+	Sat	Concern	Unsat	N A	NC
	Sat+	Sat	Concern	Unsat	NA	NC
Notes  7. Correction of SCADA Pro	oblems (detail) Does th	ne alarm ı	management p	lan include	a process	for
Notes  7. Correction of SCADA Pro	oblems (detail) Does th	ne alarm ı	management p	lan include	a process	for
7. Correction of SCADA Pro	oblems (detail) Does th	ne alarm ı	management p	lan include LEMCORREC	a process	for
7. Correction of SCADA Pro	oblems (detail) Does the returning these points to ser	ne alarm i vice? (CR.	management p .CRMAM.PROB	lan include LEMCORREC	a process CTION.P) (	for detail)
7. Correction of SCADA Programptly correcting identified problems and for 192.631(e)(2)	oblems (detail) Does the returning these points to ser	ne alarm i vice? (CR.	management p .CRMAM.PROB	lan include LEMCORREC	a process CTION.P) (	for detail)
7. Correction of SCADA Programptly correcting identified problems and for 192.631(e)(2)	oblems (detail) Does the returning these points to ser	ne alarm i vice? (CR.	management p .CRMAM.PROB	lan include LEMCORREC	a process CTION.P) (	for (detail)
7. Correction of SCADA Programptly correcting identified problems and for 192.631(e)(2)	oblems (detail) Does the returning these points to ser	ne alarm i vice? (CR.	management p .CRMAM.PROB	lan include LEMCORREC	a process CTION.P) (	for (detail)
7. Correction of SCADA Programptly correcting identified problems and for 192.631(e)(2)	oblems (detail) Does the returning these points to ser	ne alarm i vice? (CR.	management p .CRMAM.PROB	lan include LEMCORREC	a process CTION.P) (	for (detail)
Promptly correcting identified problems and for it 92.631(e)(2)  Notes  8. Alarm Setpoint Process (	oblems (detail) Does the returning these points to ser  Sat+	ne alarm i vice? (CR. Sat	management p CRMAM.PROB	lan include LEMCORREC Unsat	a process CTION.P) ( N A	for detail)
7. Correction of SCADA Pro romptly correcting identified problems and for a 92.631(e)(2)  Notes  8. Alarm Setpoint Process ( nd alarm descriptions? (CR.CRMAM.ALARMSETR	oblems (detail) Does the returning these points to ser  Sat+  (detail) Is there a formal POINTS.P) (detail)	ne alarm r vice? (CR. Sat	management p CRMAM.PROB Concern	lan include LEMCORREC Unsat	a process CTION.P) ( N A	for detail) NC
7. Correction of SCADA Programment of the property correcting identified problems and for a polyment of the problems and problems are problems.	oblems (detail) Does the returning these points to ser  Sat+	ne alarm i vice? (CR. Sat	management p CRMAM.PROB	lan include LEMCORREC Unsat	a process CTION.P) ( N A	for detail)
7. Correction of SCADA Programptly correcting identified problems and for 192.631(e)(2)  Notes  8. Alarm Setpoint Process (	oblems (detail) Does the returning these points to ser  Sat+  (detail) Is there a formal POINTS.P) (detail)	ne alarm r vice? (CR. Sat	management p CRMAM.PROB Concern	lan include LEMCORREC Unsat	a process CTION.P) ( N A	for detail) NC

192.631(e)(3)	Sat+	Sat	Concern	Unsat	NA	NC
Notes	'					
10. Alarm Management Plan R at least once each calendar year, but at intervals no						
(CR.CRMAM.PLANREVIEW.P) (detail)	,					,
192.631(e)(4)	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
Notes						
11. Alarm Management Plan R	eview (detail) Do I	records in	dicate review d	of the alarm	managen	nent plai
at least once each calendar year, but at intervals no (CR.CRMAM.PLANREVIEW.R) (detail)	t exceeding 15 months,	in order to	o determine th	e effectiven	ess of the	plan?
at least once each calendar year, but at intervals no (CR.CRMAM.PLANREVIEW.R) (detail)				e effectiven		
at least once each calendar year, but at intervals no (CR.CRMAM.PLANREVIEW.R) (detail) 192.631(e)(4)	t exceeding 15 months,	in order to	o determine th	e effectiven	ess of the	plan?
at least once each calendar year, but at intervals no (CR.CRMAM.PLANREVIEW.R) (detail)	t exceeding 15 months,	in order to	o determine th	e effectiven	ess of the	plan?
at least once each calendar year, but at intervals no (CR.CRMAM.PLANREVIEW.R) (detail) 192.631(e)(4)	t exceeding 15 months,	in order to	o determine th	e effectiven	ess of the	plan?
at least once each calendar year, but at intervals no (CR.CRMAM.PLANREVIEW.R) (detail) 192.631(e)(4)	t exceeding 15 months,	in order to	o determine th	e effectiven	ess of the	plan?
at least once each calendar year, but at intervals no (CR.CRMAM.PLANREVIEW.R) (detail)  192.631(e)(4)  Notes  12. Measuring Work Load (det	Sat+  ail) Does the CRM prog	Sat  Sram have	Concern  a means of id	Unsat Unsat	N A  N A  M a  M a	NC NC
at least once each calendar year, but at intervals no (CR.CRMAM.PLANREVIEW.R) (detail)  192.631(e)(4)  Notes  12. Measuring Work Load (detail)	Sat+  ail) Does the CRM prog	Sat  Sram have	Concern  Concern  a means of ideroller? (CR.CR	entifying an	N A  N A  d measur (LOAD.P)	NC NC
at least once each calendar year, but at intervals no (CR.CRMAM.PLANREVIEW.R) (detail)  192.631(e)(4)  Notes  12. Measuring Work Load (detail)	Sat+  ail) Does the CRM prog	Sat  Sram have	Concern  a means of id	entifying an	N A  N A  M a  M a	NC NC
at least once each calendar year, but at intervals no (CR.CRMAM.PLANREVIEW.R) (detail)  192.631(e)(4)  Notes  12. Measuring Work Load (detail)  work load (content and volume of general activity) but 192.631(e)(5)	Sat+  ail) Does the CRM progeing directed to an indiv	Sat  Sat	Concern  Concern  a means of ideroller? (CR.CR	entifying an	N A  N A  d measur (LOAD.P)	NC NC ing the (detail)
at least once each calendar year, but at intervals no (CR.CRMAM.PLANREVIEW.R) (detail)  192.631(e)(4)  Notes  12. Measuring Work Load (detail)	Sat+  ail) Does the CRM progeing directed to an indiv	Sat  Sat	Concern  Concern  a means of ideroller? (CR.CR	entifying an	N A  N A  d measur (LOAD.P)	NC NC ing the (detail)
at least once each calendar year, but at intervals no (CR.CRMAM.PLANREVIEW.R) (detail)  192.631(e)(4)  Notes  12. Measuring Work Load (detail)  work load (content and volume of general activity) but 192.631(e)(5)	Sat+  ail) Does the CRM progeing directed to an indiv	Sat  Sat	Concern  Concern  a means of ideroller? (CR.CR	entifying an	N A  N A  d measur (LOAD.P)	NC NC ing the (detail)
at least once each calendar year, but at intervals no (CR.CRMAM.PLANREVIEW.R) (detail)  192.631(e)(4)  Notes  12. Measuring Work Load (detail)  work load (content and volume of general activity) but 192.631(e)(5)	Sat+  ail) Does the CRM progeing directed to an indiv	Sat  Sat	Concern  Concern  a means of ideroller? (CR.CR	entifying an	N A  N A  d measur (LOAD.P)	NC NC ing the (detail)
at least once each calendar year, but at intervals no (CR.CRMAM.PLANREVIEW.R) (detail)  192.631(e)(4)  Notes  12. Measuring Work Load (detail)  work load (content and volume of general activity) but 192.631(e)(5)  Notes	Sat+  ail) Does the CRM progreing directed to an indiv	ram have	Concern  a means of ideroller? (CR.CR	entifying an	N A  N A  M M Measur (LOAD.P)	NC NC ing the (detail)
at least once each calendar year, but at intervals no (CR.CRMAM.PLANREVIEW.R) (detail)  192.631(e)(4)  Notes  12. Measuring Work Load (detail)  work load (content and volume of general activity) but 192.631(e)(5)	Sat+  ail) Does the CRM progreing directed to an individual Sat+  etail) Is the process of	ram have	Concern  a means of ideroller? (CR.CR	entifying an	N A  N A  M M Measur (LOAD.P)	NC NC ing the (detail)
at least once each calendar year, but at intervals no (CR.CRMAM.PLANREVIEW.R) (detail)  192.631(e)(4)  Notes  12. Measuring Work Load (det work load (content and volume of general activity) but 192.631(e)(5)  Notes  13. Monitoring Work Load (detectomprehensive? (CR.CRMAM.WORKLOADMONITORING)	Sat+  ail) Does the CRM progreing directed to an individual Sat+  etail) Is the process of	ram have	Concern  a means of ideroller? (CR.CR	entifying an	N A  N A  M M Measur (LOAD.P)	NC NC ing the (detail)
at least once each calendar year, but at intervals no (CR.CRMAM.PLANREVIEW.R) (detail)  192.631(e)(4)  Notes  12. Measuring Work Load (det work load (content and volume of general activity) but 192.631(e)(5)  Notes  13. Monitoring Work Load (detail)	Sat+  Sat+  Sat+  Sat+  Sat+  Sat+  Sat+  Sat+	ram have idual cont Sat	concern  Concern  a means of ideroller? (CR.CR.  Concern  ong and analyzin	entifying and MAM.WORK Unsat	N A  N A  Id measur (LOAD.P) N A	ing the (detail)

15. Analysis of Controller Performance (detail) Has an analysis been performed to determine if controller(s) performance is currently adequate? (CR.CRMAM.PERFORMANCEANALYSIS.R) (detail)  192.631(e)(5)  Sat + Sat Concern Unsat NA Notes  16. Alarm Deficiency Resolution (detail) Is there a process to address how deficiencies found in implementing 192.631(e)(1) through 192.631(e)(5) will be resolved? (CR.CRMAM.DEFICIENCIES.P) (detail)  192.631(e)(6)  Sat + Sat Concern Unsat NA Notes  17. Alarm Management Deficiencies (detail) Do records indicate deficiencies found in implementing 192.631(e)(1) through 192.631(e)(5) have been resolved? (CR.CRMAM.DEFICIENCIES.R) (detail)	192.631(e)(5)	Sat+	Sat	Concern	Unsat	NA	N C
15. Analysis of Controller Performance (detail) Has an analysis been performed to determine if controller(s) performance is currently adequate? (CR.CRMAM.PERFORMANCEANALYSIS.R) (detail)  192.631(e)(5)  Sat + Sat Concern Unsat NA N  Notes  16. Alarm Deficiency Resolution (detail) Is there a process to address how deficiencies found in implementing 192.631(e)(1) through 192.631(e)(5) will be resolved? (CR.CRMAM.DEFICIENCIES.P) (detail)  192.631(e)(6)  Sat + Sat Concern Unsat NA N  Notes  17. Alarm Management Deficiencies (detail) Do records indicate deficiencies found in implementing 192.631(e)(1) through 192.631(e)(5) have been resolved? (CR.CRMAM.DEFICIENCIES.R) (detail)  Sat + Sat Concern Unsat NA N							
Toncern Washington, and the second se	Notes		ı				
16. Alarm Deficiency Resolution (detail) Is there a process to address how deficiencies found in implementing 192.631(e)(5)  Sat + Sat Concern Unsat NA							
16. Alarm Deficiency Resolution (detail) Is there a process to address how deficiencies found in implementing 192.631(e)(6)  Sat + Sat Concern Unsat NA	15 Applysis of Controller De	uformanco (dotail)	\				- :6
Notes  16. Alarm Deficiency Resolution (detail) Is there a process to address how deficiencies found in implementing 192.631(e)(1) through 192.631(e)(5) will be resolved? (CR.CRMAM.DEFICIENCIES.P) (detail)  192.631(e)(6)  Sat + Sat Concern Unsat NA N  Notes  17. Alarm Management Deficiencies (detail) Do records indicate deficiencies found in implementing 192.631(e)(1) through 192.631(e)(5) have been resolved? (CR.CRMAM.DEFICIENCIES.R) (detail)  192.631(e)(6)  Sat + Sat Concern Unsat NA N  Sat + Sat Concern Unsat NA N					етогтеа то	aetermir	те іт
16. Alarm Deficiency Resolution (detail) Is there a process to address how deficiencies found in implementing 192.631(e)(1) through 192.631(e)(5) will be resolved? (CR.CRMAM.DEFICIENCIES.P) (detail)  192.631(e)(6)  Sat + Sat Concern Unsat NA  Notes  17. Alarm Management Deficiencies (detail) Do records indicate deficiencies found in implementing 192.631(e)(1) through 192.631(e)(5) have been resolved? (CR.CRMAM.DEFICIENCIES.R) (detail)  192.631(e)(6)  Sat + Sat Concern Unsat NA	192.631(e)(5)	Sat+	Sat	Concern	Unsat	N A	N C
16. Alarm Deficiency Resolution (detail) Is there a process to address how deficiencies found in implementing 192.631(e)(1) through 192.631(e)(5) will be resolved? (CR.CRMAM.DEFICIENCIES.P) (detail)  192.631(e)(6)  Sat + Sat Concern Unsat NA  Notes  17. Alarm Management Deficiencies (detail) Do records indicate deficiencies found in implementing 192.631(e)(1) through 192.631(e)(5) have been resolved? (CR.CRMAM.DEFICIENCIES.R) (detail)  192.631(e)(6)  Sat + Sat Concern Unsat NA	[						
implementing 192.631(e)(1) through 192.631(e)(5) will be resolved? (CR.CRMAM.DEFICIENCIES.P) (detail)  192.631(e)(6)  Sat + Sat Concern Unsat NA N  Notes  17. Alarm Management Deficiencies (detail) Do records indicate deficiencies found in implementing 192.631(e)(1) through 192.631(e)(5) have been resolved? (CR.CRMAM.DEFICIENCIES.R) (detail)  192.631(e)(6)  Sat + Sat Concern Unsat NA N	Notes						
implementing 192.631(e)(1) through 192.631(e)(5) will be resolved? (CR.CRMAM.DEFICIENCIES.P) (detail)  Sat + Sat Concern Unsat NA N  Notes  17. Alarm Management Deficiencies (detail) Do records indicate deficiencies found in implementing 192.631(e)(1) through 192.631(e)(5) have been resolved? (CR.CRMAM.DEFICIENCIES.R) (detail)  192.631(e)(6)  Sat + Sat Concern Unsat NA N							
implementing 192.631(e)(1) through 192.631(e)(5) will be resolved? (CR.CRMAM.DEFICIENCIES.P) (detail)  Sat + Sat Concern Unsat NA N  Notes  17. Alarm Management Deficiencies (detail) Do records indicate deficiencies found in implementing 192.631(e)(1) through 192.631(e)(5) have been resolved? (CR.CRMAM.DEFICIENCIES.R) (detail)  192.631(e)(6)  Sat + Sat Concern Unsat NA N							
implementing 192.631(e)(1) through 192.631(e)(5) will be resolved? (CR.CRMAM.DEFICIENCIES.P) (detail)  Sat + Sat Concern Unsat NA N  Notes  17. Alarm Management Deficiencies (detail) Do records indicate deficiencies found in implementing 192.631(e)(1) through 192.631(e)(5) have been resolved? (CR.CRMAM.DEFICIENCIES.R) (detail)  192.631(e)(6)  Sat + Sat Concern Unsat NA N							
17. Alarm Management Deficiencies (detail) Do records indicate deficiencies found in implementing 192.631(e)(1) through 192.631(e)(5) have been resolved? (CR.CRMAM.DEFICIENCIES.R) (detail) 192.631(e)(6)  Sat+ Sat Concern Unsat NA	16. Alaum Dafiaian au Dagaluti	ion (dotail) r v					
17. Alarm Management Deficiencies (detail) Do records indicate deficiencies found in implementing 192.631(e)(1) through 192.631(e)(5) have been resolved? (CR.CRMAM.DEFICIENCIES.R) (detail)  192.631(e)(6)  Sat+ Sat Concern Unsat NA						s found in	
17. Alarm Management Deficiencies (detail) Do records indicate deficiencies found in implementing 192.631(e)(1) through 192.631(e)(5) have been resolved? (CR.CRMAM.DEFICIENCIES.R) (detail)  192.631(e)(6)  Sat+ Sat Concern Unsat NA		5) will be resolved? (CR.CF	RMAM.DEF	FICIENCIES.P)	(detail)		N C
192.631(e)(1) through 192.631(e)(5) have been resolved? (CR.CRMAM.DEFICIENCIES.R) (detail)  192.631(e)(6)  Sat+ Sat Concern Unsat NA	implementing 192.631(e)(1) through 192.631(e)(5	5) will be resolved? (CR.CF	RMAM.DEF	FICIENCIES.P)	(detail)		T
192.631(e)(1) through 192.631(e)(5) have been resolved? (CR.CRMAM.DEFICIENCIES.R) (detail)  192.631(e)(6)  Sat+ Sat Concern Unsat NA	implementing 192.631(e)(1) through 192.631(e)(5 192.631(e)(6)	5) will be resolved? (CR.CF	RMAM.DEF	FICIENCIES.P)	(detail)		T
192.631(e)(1) through 192.631(e)(5) have been resolved? (CR.CRMAM.DEFICIENCIES.R) (detail)  192.631(e)(6)  Sat+ Sat Concern Unsat NA	implementing 192.631(e)(1) through 192.631(e)(5 192.631(e)(6)	5) will be resolved? (CR.CF	RMAM.DEF	FICIENCIES.P)	(detail)		T
192.631(e)(1) through 192.631(e)(5) have been resolved? (CR.CRMAM.DEFICIENCIES.R) (detail)  192.631(e)(6)  Sat+ Sat Concern Unsat NA	implementing 192.631(e)(1) through 192.631(e)(5 192.631(e)(6)	5) will be resolved? (CR.CF	RMAM.DEF	FICIENCIES.P)	(detail)		T
192.631(e)(6)  Sat+ Sat Concern Unsat NA	implementing 192.631(e)(1) through 192.631(e)(5 192.631(e)(6)  Notes	Sat+	Sat	Concern	(detail) Unsat	N A	NC
Notes	implementing 192.631(e)(1) through 192.631(e)(5 192.631(e)(6)  Notes  17. Alarm Management Defici	iencies (detail) Do r	Sat	Concern  dicate deficience	(detail) Unsat	N A	NC
Notes	implementing 192.631(e)(1) through 192.631(e)(5 192.631(e)(6)  Notes  17. Alarm Management Defici 192.631(e)(1) through 192.631(e)(5) have been re	iencies (detail) Do nesolved? (CR.CF	Sat  Fecords inc	Concern  dicate deficient S.R) (detail)	(detail)  Unsat  cies found in	<b>NA</b>	NC
	implementing 192.631(e)(1) through 192.631(e)(5 192.631(e)(6)  Notes  17. Alarm Management Deficite 192.631(e)(1) through 192.631(e)(5) have been refined to the second se	iencies (detail) Do nesolved? (CR.CF	Sat  Fecords inc	Concern  dicate deficient S.R) (detail)	(detail)  Unsat  cies found in	<b>NA</b>	N C
	implementing 192.631(e)(1) through 192.631(e)(5) 192.631(e)(6)  Notes  17. Alarm Management Defici 192.631(e)(1) through 192.631(e)(5) have been re 192.631(e)(6)	iencies (detail) Do nesolved? (CR.CF	Sat  Fecords inc	Concern  dicate deficient S.R) (detail)	(detail)  Unsat  cies found in	<b>NA</b>	N C
	implementing 192.631(e)(1) through 192.631(e)(5) 192.631(e)(6)  Notes  17. Alarm Management Defici 192.631(e)(1) through 192.631(e)(5) have been re 192.631(e)(6)	iencies (detail) Do nesolved? (CR.CF	Sat  Fecords inc	Concern  dicate deficient S.R) (detail)	(detail)  Unsat  cies found in	<b>NA</b>	N C
	implementing 192.631(e)(1) through 192.631(e)(5) 192.631(e)(6)  Notes  17. Alarm Management Defici 192.631(e)(1) through 192.631(e)(5) have been re 192.631(e)(6)	iencies (detail) Do nesolved? (CR.CF	Sat  Fecords inc	Concern  dicate deficient S.R) (detail)	(detail)  Unsat  cies found in	<b>NA</b>	N C
	implementing 192.631(e)(1) through 192.631(e)(5) 192.631(e)(6)  Notes  17. Alarm Management Defici 192.631(e)(1) through 192.631(e)(5) have been re 192.631(e)(6)	iencies (detail) Do nesolved? (CR.CF	Sat  Fecords inc	Concern  dicate deficient S.R) (detail)	(detail)  Unsat  cies found in	<b>NA</b>	N C

#### CRM, SCADA, and Leak Detection - Change Management

**1. Field Equipment Changes (detail)** Is there a process to assure changes in field equipment that could affect control room operations are coordinated with the control room personnel? (CR.CRMCMGT.EQUIPMENTCHANGES.P) (detail)

192.631(f)(1)	Sat+	Sat	Concern	Unsat	NA	NC
Notes						

	, considered, di	esigned a	draulic perform nd implemente	ed?		
192.631(f)(1) (192.631(f)(3))	Sat+	Sat	Concern	Unsat	N A	N C
Notes						
3. Controller Participation in System representative(s) participate in meetings where changes that configuration of the pipeline (including routine maintenance as (CR.CRMCMGT.CONTROLLERPARTICIPATE.R) (detail)	could directly o	r indirecti	ly affect the hy	draulic pert	formance o	or
192.631(f)(1) (192.631(f)(3))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
<b>4. Emergency Contact with Control F</b> SCADA support personnel to contact the control room when en (detail) 192.631(f)(2)						
Notes				<u> </u>		<u> </u>
						upport
personnel to contact the control room when making field chan operations? (CR.CRMCMGT.FIELDCONTACT.P) (detail)				t affect cont		upport N C
5. Coordination of Field Changes (det personnel to contact the control room when making field chan operations? (CR.CRMCMGT.FIELDCONTACT.P) (detail)  192.631(f)(2)  Notes	ges (for examp	ole, movin	ng a valve) tha	t affect cont	trol room	
personnel to contact the control room when making field chan operations? (CR.CRMCMGT.FIELDCONTACT.P) (detail) 192.631(f)(2)	Sat+ tail) Do recor	Sat  ds indicat	Concern  Cefield personr	Unsat  Unsat	N A  DA suppor	N C
Dersonnel to contact the control room when making field chan operations? (CR.CRMCMGT.FIELDCONTACT.P) (detail)  192.631(f)(2)  Notes  6. Coordination of Field Changes (detail)	Sat+ tail) Do recor	Sat  ds indicat	Concern  Cefield personr	Unsat  Unsat	N A  DA suppor	N C
personnel to contact the control room when making field chan operations? (CR.CRMCMGT.FIELDCONTACT.P) (detail)  192.631(f)(2)  Notes  6. Coordination of Field Changes (detail)  Depersonnel contacted the control room when making field change operations? (CR.CRMCMGT.FIELDCHANGES.R) (detail)	Sat+  tail) Do recorges (for examp	Sat  Sat  ds indicat le, movin	Concern  Concern  e field personing a valve) that	Unsat  Unsat  el and SCA	N A  DA suppor	N C

# CRM, SCADA, and Leak Detection - Operating Experience

192.631(g)(1)	Sat	+	Sat	Concern	Unsat	NA	NC
132.031(g)(1)	340	Т	Jat	Concern	Olisat	NA .	II C
Notes							
<b>2. Abnormal Operation</b> analyzed all contributing factors to detern (CR.CRMEXP.ABNORMALREVIEW.R) (deta	nine if control room actions cor						
192.631(g)(1)	Sat	+	Sat	Concern	Unsat	NA	NC
Notes							
	ear misses, leaks, operational a						
events (reportable incidents/accidents, ne may not have been at fault? (CR.CRMEXP	ear misses, leaks, operational a .LESSONSLEARNED.P) (detail)	nd m	aintenan	ce errors, etc.	), even thou	igh the co	ntrol roo
events (reportable incidents/accidents, ne may not have been at fault? (CR.CRMEXP	ear misses, leaks, operational a	nd m					
events (reportable incidents/accidents, ne may not have been at fault? (CR.CRMEXP	ear misses, leaks, operational a .LESSONSLEARNED.P) (detail)	nd m	aintenan	ce errors, etc.	), even thou	igh the co	ntrol roo
events (reportable incidents/accidents, ne may not have been at fault? (CR.CRMEXP 192.631(g)(2)	ear misses, leaks, operational a .LESSONSLEARNED.P) (detail)	nd m	aintenan	ce errors, etc.	), even thou	igh the co	ntrol roo
events (reportable incidents/accidents, ne may not have been at fault? (CR.CRMEXP 192.631(g)(2)	ear misses, leaks, operational a .LESSONSLEARNED.P) (detail)	nd m	aintenan	ce errors, etc.	), even thou	igh the co	ntrol roo
events (reportable incidents/accidents, nemay not have been at fault? (CR.CRMEXP 192.631(g)(2)  Notes  4. Lessons Learned (da broad range of events (reportable incide	ear misses, leaks, operational a LESSONSLEARNED.P) (detail)  Sat  etail) Has operating experiencents/accidents, near misses, leaks, operational a	+	Sat	Concern  Concern	Unsat  ducted on lo	NA NA	N C
events (reportable incidents/accidents, nemay not have been at fault? (CR.CRMEXP 192.631(g)(2)  Notes  4. Lessons Learned (da broad range of events (reportable incide (CR.CRMEXP.LESSONSLEARNED.R) (detail	ear misses, leaks, operational a LESSONSLEARNED.P) (detail)  Sat  etail) Has operating experiencents/accidents, near misses, leaks, operational a	+  nce reaks, c	Sat	Concern  Concern	Unsat  ducted on lo	NA NA	N C
events (reportable incidents/accidents, nemay not have been at fault? (CR.CRMEXP 192.631(g)(2)  Notes  4. Lessons Learned (da broad range of events (reportable incide (CR.CRMEXP.LESSONSLEARNED.R) (detail 192.631(g)(2)	etail) Has operating experience ents/accidents, near misses, leaks, operational at the latest terms and the latest terms are the latest terms are the latest terms. The latest terms are the latest te	+  nce reaks, c	Sat Sat eview trai	Concern  Concern  ining been conal and mainter	Unsat  ducted on land	NA  NA  essons leas, etc.)?	NC
events (reportable incidents/accidents, nemay not have been at fault? (CR.CRMEXP 192.631(g)(2)  Notes	etail) Has operating experience ents/accidents, near misses, leaks, operational at the latest terms and the latest terms are the latest terms are the latest terms. The latest terms are the latest te	+  nce reaks, c	Sat Sat eview trai	Concern  Concern  ining been conal and mainter	Unsat  ducted on land	NA  NA  essons leas, etc.)?	NC
events (reportable incidents/accidents, nemay not have been at fault? (CR.CRMEXP 192.631(g)(2)  Notes  4. Lessons Learned (da broad range of events (reportable incide (CR.CRMEXP.LESSONSLEARNED.R) (detail 192.631(g)(2)	etail) Has operating experience ents/accidents, near misses, leaks, operational at the latest terms and the latest terms are the latest terms are the latest terms. The latest terms are the latest te	+  nce reaks, c	Sat Sat eview trai	Concern  Concern  ining been conal and mainter	Unsat  ducted on land	NA  NA  essons leas, etc.)?	NC

NΑ

NC

Concern Unsat

#### CRM, SCADA, and Leak Detection - Training

192.631(h)

<b>2. Controller Trainir</b> training for each controller to carry out							provid
192.631(h)		Sat+	Sat	Concern	Unsat	N A	N C
Notes							
<b>3. Training Program</b> Trogram content to identify potential in CR.CRMTRAIN.TRAININGREVIEW.P) (	provements at least on	Have processence each calen	s been es dar year,	tablished to re but at interval	eview the co	ntroller tr eed 15 m	aining onths?
, (	,	Sat+	Sat	Concern	Unsat	N A	N C
92.631(h)							
Notes	Review (detail)	Have processe	s been im	aplemented to	review the o	controller	trainin
Notes  4. Training Program rogram content to identify potential in	provements at least on	Have processence each calen	s been im dar year,	plemented to but at interval	review the o	controller eed 15 m	training
A. Training Program rogram content to identify potential in CR.CRMTRAIN.TRAININGREVIEW.R) (	provements at least on	Have processence each calen	s been im dar year, <b>Sat</b>	pplemented to but at interval	review the os not to exc	controller eed 15 m N A	onths?
.92.631(h)  Notes  4. Training Program program content to identify potential in CR.CRMTRAIN.TRAININGREVIEW.R) (c) 92.631(h)  Notes	provements at least on	nce each calen	dar year,	but at interval	s not to exc	eed 15 m	training onths?
4. Training Program program content to identify potential in CR.CRMTRAIN.TRAININGREVIEW.R) (692.631(h)	provements at least on	nce each calen	dar year,	but at interval	s not to exc	eed 15 m	onths?
A. Training Program rogram content to identify potential in CR.CRMTRAIN.TRAININGREVIEW.R) (6) 92.631(h)	provements at least on	nce each calen	dar year,	but at interval	s not to exc	eed 15 m	onths?
4. Training Program rogram content to identify potential in CR.CRMTRAIN.TRAININGREVIEW.R) (6) 92.631(h)	nprovements at least on letail)  ng Program (deta roles and responsibiliti	Sat+  ail) Does train	Sat  Sing conte	Concern  Concern	Unsat  required ma	NA	N (
4. Training Program rogram content to identify potential in CR.CRMTRAIN.TRAININGREVIEW.R) (0 92.631(h) Notes  5. Content of Training each controller to carry out the	nprovements at least on letail)  ng Program (deta roles and responsibiliti	Sat+  ail) Does train	Sat  Sing conte	Concern  Concern	Unsat  required ma	NA	N (

**1. Controller Training Program (detail)** Has a controller training program been established to provide training for each controller to carry out their roles and responsibilities? (CR.CRMTRAIN.CONTROLLERTRAIN.P) (detail)

Sat+

Sat

l92.631(h)(1)	Sat+	Sat	Concern	Unsat	NΑ	NC
Notes			-			
7. Controller Training a	and Qualification (detail	) Does th	e training prog	ram provide	e controlle	er traini
n recognizing and responding to abnorma CR.CRMTRAIN.TRAININGABNORMAL.P) (d		ely to occu	ır simultaneou:	sly or in seq	quence?	
92.631(h)(1)	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
8. Controller Training a	nd Qualification (detail)	Do record	ls indicate the	training pro	ogram use	d a
imulator or tabletop exercises to train con CR.CRMTRAIN.TRAINING.R) (detail)						
CR.CRITTRAIN.TRAINING.R) (detail)						
02 621/b)/2)	Cat+	62+	Concorn	Uncat	NI A	N C
92.631(h)(2)	Sat+	Sat	Concern	Unsat	NA	N C
92.631(h)(2)	Sat+	Sat	Concern	Unsat	NA	N C
	Sat+	Sat	Concern	Unsat	N A	NC
	Sat+	Sat	Concern	Unsat	NA	NC
92.631(h)(2)  Notes	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
Notes  9. Controller Training a	nd Qualification (detail)	Does the	training progra	am use a sii	mulator or	tableto
9. Controller Training an exercises to train controllers how to recogn	nd Qualification (detail)	Does the	training progra	am use a sii	mulator or	- tableto
9. Controller Training an exercises to train controllers how to recogn	nd Qualification (detail)	Does the rating con	training progra ditions? (CR.C	am use a sii RMTRAIN.TI	mulator or RAINING.0	tableto
9. Controller Training an exercises to train controllers how to recogn 92.631(h)(2)	nd Qualification (detail)	Does the rating con	training progra ditions? (CR.C	am use a sii RMTRAIN.TI	mulator or RAINING.0	<i>tablet</i> c
9. Controller Training an xercises to train controllers how to recogn 92.631(h)(2)	nd Qualification (detail)	Does the rating con	training progra ditions? (CR.C	am use a sii RMTRAIN.TI	mulator or RAINING.0	<i>tablet</i> ()) (det
Notes	nd Qualification (detail)	Does the rating con	training progra ditions? (CR.C	am use a sii RMTRAIN.TI	mulator or RAINING.0	<i>tablet</i> c
9. Controller Training an exercises to train controllers how to recogn 92.631(h)(2)	nd Qualification (detail)	Does the rating con	training progra ditions? (CR.C	am use a sii RMTRAIN.TI	mulator or RAINING.0	- tablet O) (det
9. Controller Training an exercises to train controllers how to recogn 92.631(h)(2)  Notes	nd Qualification (detail)	Does the rating con Sat	training progra ditions? (CR.C Concern	am use a sii RMTRAIN.TI <b>Unsat</b>	mulator or RAINING.O	tableto O) (det NC
9. Controller Training an xercises to train controllers how to recogn 92.631(h)(2)  Notes	nd Qualification (detail) bize and respond to abnormal ope Sat+  raining (detail) Does the CR	Does the rating con Sat	training prograditions? (CR.C	am use a sii RMTRAIN.TI <b>Unsat</b> Jers on theii	mulator or RAINING.O <b>N A</b>	tableto O) (deta N C
9. Controller Training an exercises to train controllers how to recogn 92.631(h)(2)  Notes  10. Communication Tr	nd Qualification (detail) bize and respond to abnormal ope Sat+  raining (detail) Does the CR	Does the rating con Sat	training prograditions? (CR.C	am use a sii RMTRAIN.TI <b>Unsat</b> Jers on theii	mulator or RAINING.O <b>N A</b>	tableto O) (det N C
9. Controller Training as exercises to train controllers how to recogn 92.631(h)(2)  Notes  10. Communication Training as exercises to train controllers how to recogn 92.631(h)(2)	nd Qualification (detail)  nize and respond to abnormal ope.  Sat+  raining (detail) Does the CR  nency response procedures? (CR.C	Does the rating con Sat  M program	training progra ditions? (CR.C Concern	am use a sin RMTRAIN.TI Unsat Unsat	mulator or RAINING. <b>N A</b> * responsil NG.P) (de	tableto D) (det NC
9. Controller Training as exercises to train controllers how to recogn 92.631(h)(2)  Notes  10. Communication Training as exercises to train controllers how to recogn 92.631(h)(2)	nd Qualification (detail)  nize and respond to abnormal ope.  Sat+  raining (detail) Does the CR  nency response procedures? (CR.C	Does the rating con Sat  M program	training progra ditions? (CR.C Concern	am use a sin RMTRAIN.TI Unsat Unsat	mulator or RAINING. <b>N A</b> * responsil NG.P) (de	tablet D) (det N O bilities tail)

			0	11	A1 4	
192.631(h)(4)	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
<b>12. List of Infrequently Used Pipelin</b> periodically (but infrequently) used been established? (CR.CR				peline opera	ting setup	s that a
192.631(h)(5)	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
40.0		_				
13. Review of Procedures Prior to U ups that are periodically (but infrequently) used, the controlled advance of their use? (CR.CRMTRAIN.INFREQOPSREVIEW.P)	ers must be pro	Do proces vided an o	sses specify the opportunity to	at, for pipeli review relev	ine operat ⁄ant proce	ing set- edures i
192.631(h)(5)	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
Notes						
-	on - Com	plian	ce Valid	lation	and	
CRM, SCADA, and Leak Detection		-				
-	Are there adequ	- uate proce	esses to assure	that the op	perator is i	respons
<b>Deviations</b> 1. Submittal of Procedures (detail) to requests from applicable agencies to submit their CRM pro	Are there adequ	- uate proce	esses to assure	that the op	perator is i	respons N C
<b>Deviations</b> 1. Submittal of Procedures (detail) to requests from applicable agencies to submit their CRM pro	Are there adequ	ate proce	esses to assure	that the op	perator is i detail)	
<b>Deviations</b> 1. Submittal of Procedures (detail) to requests from applicable agencies to submit their CRM pro	Are there adequ	ate proce	esses to assure	that the op	perator is i detail)	

192.631(i)	Sa	t+	Sat	Concern	Unsat	NΑ	NC
Notes							
3. CRM Coordinato	or (detail) Is there an individua	l that	is respon:	sible and accou	untable for o	complianc	e with
equests from PHMSA or other applic	rable agencies? (CR.CRMCOMP.CRM	1COOF	RDINÁTO	R.R) (detail)			
92.631(i)	Sa	t +	Sat	Concern	Unsat	NA	N C
Notes							
4 CDM December Men							
4. CKM Records Ma	nagement (detail) Records	manad	aement b	rocesses agegi	uate to assu	ıre recora	s are
	nagement (detail) Records with the CRM rule? (CR.CRMCOMF				uate to assi	ire record	s are
ufficient to demonstrate compliance		RECC				N A	N C
sufficient to demonstrate compliance	with the CRM rule? (CR.CRMCOMF	RECC	ORDS.P) (	detail)			
ufficient to demonstrate compliance	with the CRM rule? (CR.CRMCOMF	RECC	ORDS.P) (	detail)			
ufficient to demonstrate compliance	with the CRM rule? (CR.CRMCOMF	RECC	ORDS.P) (	detail)			
sufficient to demonstrate compliance	with the CRM rule? (CR.CRMCOMF	RECC	ORDS.P) (	detail)			
sufficient to demonstrate compliance	with the CRM rule? (CR.CRMCOMF	RECC	ORDS.P) (	detail)			
sufficient to demonstrate compliance 192.631(j)(1)  Notes	s with the CRM rule? (CR.CRMCOMF	t+	Sat	detail) Concern	Unsat	NA	
sufficient to demonstrate compliance 192.631(j)(1)  Notes	with the CRM rule? (CR.CRMCOMF	t+	Sat	detail) Concern	Unsat	NA	
sufficient to demonstrate compliance 1.92.631(j)(1)  Notes  5. CRM Records (de CR.CRMCOMP.RECORDS.R) (detail)	s with the CRM rule? (CR.CRMCOMF	nonst	Sat	detail) Concern	Unsat	NA	
sufficient to demonstrate compliance .92.631(j)(1)  Notes  5. CRM Records (de CR.CRMCOMP.RECORDS.R) (detail)	e with the CRM rule? (CR.CRMCOMF Sa  etail) Are records sufficient to der	nonst	Sat	Concern	Unsat e CRM rule?	N A	N C
sufficient to demonstrate compliance .92.631(j)(1)  Notes  5. CRM Records (de CR.CRMCOMP.RECORDS.R) (detail) .92.631(j)(1)	e with the CRM rule? (CR.CRMCOMF Sa  etail) Are records sufficient to der	nonst	Sat	Concern	Unsat e CRM rule?	N A	N C
sufficient to demonstrate compliance .92.631(j)(1)  Notes  5. CRM Records (de CR.CRMCOMP.RECORDS.R) (detail) .92.631(j)(1)	e with the CRM rule? (CR.CRMCOMF Sa  etail) Are records sufficient to der	nonst	Sat	Concern	Unsat e CRM rule?	N A	N C
sufficient to demonstrate compliance .92.631(j)(1)  Notes  5. CRM Records (de CR.CRMCOMP.RECORDS.R) (detail) .92.631(j)(1)	e with the CRM rule? (CR.CRMCOMF Sa  etail) Are records sufficient to der	nonst	Sat	Concern	Unsat e CRM rule?	N A	N C
sufficient to demonstrate compliance 192.631(j)(1)  Notes  5. CRM Records (de	e with the CRM rule? (CR.CRMCOMF Sa  etail) Are records sufficient to der	nonst	Sat	Concern	Unsat e CRM rule?	N A	N C
sufficient to demonstrate compliance 192.631(j)(1)  Notes  5. CRM Records (de CR.CRMCOMP.RECORDS.R) (detail) 192.631(j)(1)  Notes	etail) Are records sufficient to der	monst	rate comp	detail)  Concern  Diance with the	e CRM rule?	N A	N C
sufficient to demonstrate compliance 1.92.631(j)(1)  Notes  5. CRM Records (de CR.CRMCOMP.RECORDS.R) (detail) 1.92.631(j)(1)  Notes  6. Electronic Reco	etail) Are records sufficient to der  Sa  Sa  Sa  Sa  Sa  Sa  Sa  Sa  Sa  S	monst	rate comp	detail)  Concern  Diance with the	e CRM rule?	N A	N C
### STATES OF CR.CRMCOMP.ELECTRONICRECORD  ### CR.CRMCOMP.ELECTRONICRECORD  ### CR.CRMCOMP.ELECTRONICRECORD  ### CR.CRMCOMP.ELECTRONICRECORD	etail) Are records sufficient to der  Sa  Sa  Sa  Sa  Sa  Sa  Sa  Sa  Sa  S	monsta t+	rate comp	detail)  Concern  Diance with the	e CRM rule?	N A	N C
ufficient to demonstrate compliance 92.631(j)(1)  Notes  5. CRM Records (de CR.CRMCOMP.RECORDS.R) (detail) 92.631(j)(1)  Notes	etail) Are records sufficient to del  Sa  Sa  Sa  Sa  Sa  Sa  Sa  Sa  Sa  S	monsta t+	rate comp	Concern  Concern  Concern	e CRM rule? Unsat	NA NA	N C

8. Deviation Records (detail) Were all devinecessary for safe operation? (CR.CRMCOMP.DEVIATION.R) (det 1.92.631(j)(2)  Notes	ations docum ail) Sat+	nented in Sat	a way that der		they were	1
8. Deviation Records (detail) Were all devinencessary for safe operation? (CR.CRMCOMP.DEVIATION.R) (det 1.92.631(j)(2)  Notes	ail)					1
necessary for safe operation? (CR.CRMCOMP.DEVIATION.R) (det	ail)					T
ecessary for safe operation? (CR.CRMCOMP.DEVIATION.R) (det 92.631(j)(2)  Notes	ail)					T
ecessary for safe operation? (CR.CRMCOMP.DEVIATION.R) (det 92.631(j)(2)  Notes	ail)					T
ecessary for safe operation? (CR.CRMCOMP.DEVIATION.R) (det 92.631(j)(2)  Notes	ail)					N C
92.631(j)(2)  Notes		Sat	Concern	Unsat	N A	N C
Notes	Sat+	Sat	Concern	Unsat	N A	N C
		_				
CRM, SCADA, and Leak Detection	- Leak	Dete	ection			
1. Leak Detection Measures (detail) Have onsequences of a pipeline failure? (CR.LD.LDSYS.R) (detail)	adequate le	ak detecti	on measures b	een taken t	to mitigate	the:
92.631(g)	Sat+	Sat	Concern	Unsat	N A	NC
52.051(g)	Juci	Jat	Concern	Onsac	NA .	I I C
Notes						
2. Facility Leak Detection (detail) Does the				ance of facili	ities to de	termine
nd take appropriate action concerning failures/leakage history?	(CR.LD.FAC	ILITY.P) (				
92.605(b)(1) (192.613(a); 192.631(b))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
3. Facility Leak Detection (detail) Do recon				of facilities to	o determii	ne and
		∕.R) (deta	il)			
	Sat+	Sat	Concern	Unsat	NA	N C
ake appropriate action concerning failures/leakage history? (CR	- Juli					
ake appropriate action concerning failures/leakage history? (CR 92.605(b)(1) (192.613(a); 192.631(b))						

## **Design and Construction - Compressor Station Construction**

requirements for the storage of flamma installed at compressor stations be prot (DC.COCMP.CMPCOMBUSTIBLE.P) (details)	ected in accordance with NF					toraye tar	iks beilig
192.303 (192.735(a); 192.735(b))		Sat+	Sat	Concern	Unsat	NA	N C
Notes							
2. Compressor Station project, are flammable/combustible maccompressor stations protected in accord (detail)	terials stored as required an	nd aboveg	round oil	or gasoline sto	rage tanks	installed a	at
192.735(a) (192.735(b))		Sat+	Sat	Concern	Unsat	NA	N C
Notes							
3. Compressor Station  materials stored as required and above	ground oil or gasoline storag	ge tanks ir	nstalled at	t compressor s			
<b>3. Compressor Statio</b> materials stored as required and above with NFPA No. 30, as required by §19.	ground oil or gasoline storag	ge tanks ir	nstalled at	t compressor s			
	ground oil or gasoline storag	ge tanks ir COMBUSTI	nstalled at BLE.O) (c	t compressor s letail)	tations prot	ected in a	ccordan
<b>3. Compressor Statio</b> materials stored as required and above with NFPA No. 30, as required by §19. 192.735(a) (192.735(b))	ground oil or gasoline storage.735(b)? (DC.COCMP.CMPC	ge tanks in COMBUSTI Sat+  etail) D	nstalled at BLE.O) (c Sat	compressor s letail)  Concern	Unsat	N A	N C
3. Compressor Station materials stored as required and above with NFPA No. 30, as required by §19.192.735(a) (192.735(b))  Notes  4. Compressor Station	ground oil or gasoline storage.735(b)? (DC.COCMP.CMPC	ge tanks in COMBUSTI Sat+  etail) D	nstalled at BLE.O) (c Sat	compressor s letail)  Concern	Unsat	N A	N C
3. Compressor Station materials stored as required and above with NFPA No. 30, as required by §19.192.735(a) (192.735(b))  Notes  4. Compressor Station at a fixed gas detection and alarm system	ground oil or gasoline storage.735(b)? (DC.COCMP.CMPC	ge tanks in COMBUSTI Sat+  etail) D CT.P) (de	nstalled at BLE.O) (c Sat  oes the pitail)	compressor s letail)  Concern	Unsat that compre	ected in a	N C

192.736(a) (192.736(b))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
Design and Construction - Consti	ruction					
1. Casings (detail) Does the process require rain	lroad or high	vav casino	as to be in acc	ordance wit	h the reau	uiremer
of 192.323? (DC.CO.CASING.P) (detail)		, .	,			
.92.303 (192.323(a); 192.323(b); 192.323(c); 192.323(d))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
Notes						
Notes						
Notes						
2. Casings (detail) Are railroad or highway casin	ngs installed (	as designe	ed and specifie	ed, and in ac	ccordance	with
<b>2. Casings (detail)</b> Are railroad or highway casin \$§192.323? (DC.CO.CASING.R) (detail)						
2. Casings (detail) Are railroad or highway casin	ngs installed a	as designe Sat	ed and specifie	ud, and in ad	ccordance N A	with N C
<b>2. Casings (detail)</b> Are railroad or highway casings (detail) (detail) 92.323? (DC.CO.CASING.R) (detail) 92.323(a) (192.323(b); 192.323(c); 192.323(d); 192.303)						
<b>2. Casings (detail)</b> Are railroad or highway casings (detail) (detail) 92.323? (DC.CO.CASING.R) (detail) 92.323(a) (192.323(b); 192.323(c); 192.323(d); 192.303)						
<b>2. Casings (detail)</b> Are railroad or highway casings (Jetail) (detail) (pp. 323(a) (192.323(b); 192.323(c); 192.323(d); 192.303)						
<b>2. Casings (detail)</b> Are railroad or highway casin §192.323? (DC.CO.CASING.R) (detail)						
<b>2. Casings (detail)</b> Are railroad or highway casin §192.323? (DC.CO.CASING.R) (detail) 92.323(a) (192.323(b); 192.323(c); 192.323(d); 192.303) <b>Notes</b>	Sat+	Sat	Concern	Unsat	NA	N C
2. Casings (detail) Are railroad or highway casin \$\frac{1}{2}\$ (DC.CO.CASING.R) (detail)  92.323(a) (192.323(b); 192.323(c); 192.323(d); 192.303)  Notes  3. Joining of Materials Other than by W	Sat+	Sat	Concern  Does the proce	Unsat ss require t	<b>NA</b>	N C
2. Casings (detail) Are railroad or highway casin §192.323? (DC.CO.CASING.R) (detail) 92.323(a) (192.323(b); 192.323(c); 192.323(d); 192.303)  Notes  3. Joining of Materials Other than by We to be made other than by welding) be designed and installed in	Sat+	Sat	Concern  Does the proce	Unsat ss require t	<b>NA</b>	N C
<b>2. Casings (detail)</b> Are railroad or highway casings (Jetail) (detail) (pp. 323? (DC.CO.CASING.R) (detail) (pp. 32323(a) (192.323(b); 192.323(c); 192.323(d); 192.303) (pp. 3236) (pp. 323	Sat+  Velding (dela accordance	Sat  etail) [ with §19	Concern  Does the proce	Unsat  ss require to one of the control of the cont	<b>N A</b> hat pipelir  DJOINT.P)	N C
2. Casings (detail) Are railroad or highway casin §192.323? (DC.CO.CASING.R) (detail) 92.323(a) (192.323(b); 192.323(c); 192.323(d); 192.303)  Notes  3. Joining of Materials Other than by We to be made other than by welding) be designed and installed in 92.303 (192.273(a); 192.273(b); 192.273(c))	Sat+  Velding (dela accordance	Sat  etail) [ with §19	Concern  Does the proce	Unsat  ss require to one of the control of the cont	<b>N A</b> hat pipelir  DJOINT.P)	N C
2. Casings (detail) Are railroad or highway casing \$192.323? (DC.CO.CASING.R) (detail) 92.323(a) (192.323(b); 192.323(c); 192.323(d); 192.303) Notes  3. Joining of Materials Other than by We to be made other than by welding) be designed and installed in	Sat+  Velding (dela accordance	Sat  etail) [ with §19	Concern  Does the proce	Unsat  ss require to one of the control of the cont	<b>N A</b> hat pipelir  DJOINT.P)	N C

	Sat+	Sat	Concern	Unsat	NA	NC
192.281(e))	Sati	Jut	Concern	Olisat		
Notes						
5. Plastic Pipe Joints (detail) As applicable	to the projec	ct. do reco	ords indicate th	nat plastic p	ine ioints	are
nstalled in accordance with the requirements §192.281? (DC.C	O.PLASTICJ	OINT.R) (	detail)			
192.281(a) (192.281(b); 192.281(c); 192.281(d); 192.281(e))	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
<b>6. Plastic Pipe Joints (detail)</b> As applicable the requirements §192.281? (DC.CO.PLASTICJOINT.O) (detail)	to the projec	ct, are pla	stic pipe joints	installed in	accordan	ce with
92.281(a) (192.281(b); 192.281(c); 192.281(d); 192.281(e))	Sat+	Sat	Concern	Unsat	N A	N C
Notes						
7. Plastic pipe - Qualifying Joining Pro						
procedures to be qualified in accordance with §192.283, prior to	o making pla					
procedures to be qualified in accordance with $\hat{A}$ §192.283, prior to detail)			6	Unaat	N. A	N.C
procedures to be qualified in accordance with $\hat{A}$ §192.283, prior to detail)	Sat+	Sat	Concern	Unsat	NA	N C
			Concern	Unsat	NA	N C
procedures to be qualified in accordance with $\hat{A}$ §192.283, prior to detail) 92.283(a) (192.283(b); 192.283(c); 192.283(d))			Concern	Unsat	NA	N C
procedures to be qualified in accordance with $\hat{A}$ §192.283, prior to detail) 92.283(a) (192.283(b); 192.283(c); 192.283(d))			Concern	Unsat	NA	NC
Procedures to be qualified in accordance with §192.283, prior to detail)  92.283(a) (192.283(b); 192.283(c); 192.283(d))  Notes	Sat+	Sat				
rocedures to be qualified in accordance with §192.283, prior to detail)  92.283(a) (192.283(b); 192.283(c); 192.283(d))  Notes  8. Plastic pipe - Qualifying Joining Procedures in plastic pipelines are qualified? (DC.CO.PLASTIC)	Sat+	Sat	Is a process in			
rocedures to be qualified in accordance with §192.283, prior to detail) 92.283(a) (192.283(b); 192.283(c); 192.283(d)) Notes	Sat+	Sat	Is a process in			
rocedures to be qualified in accordance with §192.283, prior to detail)  92.283(a) (192.283(b); 192.283(c); 192.283(d))  Notes  8. Plastic pipe - Qualifying Joining Procedures in plastic pipelines are qualified? (DC.CO.PLASTIC)	Sat+	Sat  detail)  o) (detail)	Is a process in	n place to e	nsure that	person

192.285(d) (192.285(a); 192.285(b); 192.285(c); 192.807(a); 192.807(b))	Sat+	Sat	Concern	Unsat	NA	N C
52.567(5))						
Notes						
10. Plastic pipe - Qualifying Joining Pro ipelines qualified? (DC.CO.PLASTICJOINTQUAL.O) (detail)	cedures	(detail	) Are persons	making joir	nts in plas	tic
92.285(d) (192.285(a); 192.285(b); 192.285(c); 192.807(b))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
11. Qualification of Personnel Inspectin lace to assure that persons who inspect joints in plastic pipes an						rocess
92.287 (192.805(h))	Sat+	Sat	Concern	Unsat	NA	l NO
Notes						
Notes  12. Qualification of Personnel Inspectin	g Joints	in Plas	etic Pipelin	es (deta		cords
12. Qualification of Personnel Inspectin	been qualif	ied? (DC.	CO.PLASTICJO	INTINSP.R)	<b>il)</b> <i>Do rec</i> (detail)	T
12. Qualification of Personnel Inspectin				INTINSP.R)	<b>il)</b> Do rec	T
<b>12. Qualification of Personnel Inspection</b> Indicate persons inspecting the making of plastic pipe joints have 192.287 (192.807(a); 192.807(b))	been qualif	ied? (DC.	CO.PLASTICJO	INTINSP.R)	<b>il)</b> <i>Do rec</i> (detail)	cords
12. Qualification of Personnel Inspecting andicate persons inspecting the making of plastic pipe joints have 192.287 (192.807(a); 192.807(b))  Notes  13. Qualification of Personnel Inspecting aspecting joints in plastic pipelines demonstrate they are qualified DC.CO.PLASTICJOINTINSP.O) (detail)	Sat+	in Plas	Concern  Concern	Unsat es (deta	il) Do rec (detail) NA	N C
12. Qualification of Personnel Inspecting addicate persons inspecting the making of plastic pipe joints have 92.287 (192.807(a); 192.807(b))  Notes  13. Qualification of Personnel Inspection aspecting joints in plastic pipelines demonstrate they are qualified.	Sat+	in Plas	Concern  Concern	Unsat es (deta	il) Do rec (detail) NA	N C

192.303	Sat	+	Sat	Concern	Unsat	NA	NC
32.303		•		0000	o ii o u c	,	
Notes							ı
15. Inspection Gener	ral (detail) Does the process ro	quire t	the pipe	line to be insp	ected to en	sure that i	t is
192.303 (192.305)	Sat	+	Sat	Concern	Unsat	N A	N C
Notes							
accordance with Part 192? (DC.CO.IN	ral (detail) Do records indicate SPECT.R) (detail) Sat		peline is Sat	being inspect		e it is con	structed N C
eccordance with Part 192? (DC.CO.IN 92.305	SPECT.R) (detail)						1
nccordance with Part 192? (DC.CO.IN 192.305  Notes  17. Inspection of Ma	SPECT.R) (detail)  Sate of the property of the	+	Sat	Concern	Unsat	N A	N C
nccordance with Part 192? (DC.CO.IN 192.305  Notes	SPECT.R) (detail)  Sate of the property of the	+ cess re	Sat	Concern	Unsat	N A	N C
Notes  17. Inspection of Management of the inspected prior to installation? (DC.CO.IN	SPECT.R) (detail)  Sat  Saterials (detail) Does the pro	+ cess re	<b>Sat</b>	<b>Concern</b> ipe and other	Unsat	N A	<b>NC</b>
17. Inspection of Management of the installation? (DC.CO.IN 192.305)  Notes  17. Inspection of Management of the installation? (DC.CO.192.303 (192.307))  Notes	SPECT.R) (detail)  Saterials (detail) Does the pro D.INSPECTVISUAL.P) (detail)  Sat	+ cess re	Sat equire pi	concern  ipe and other	Components	NA sto be vis	ually NC
17. Inspection of Management of the installation? (DC.CO.IN 192.305)  Notes  17. Inspection of Management of the installation? (DC.CO.192.303 (192.307))  Notes	SPECT.R) (detail)  Saterials (detail) Does the pro D.INSPECTVISUAL.P) (detail)  Saterials (detail) Are pipe leng	+ cess re	Sat equire pi	concern  ipe and other	Components	NA sto be vis	ually NC

92.303 (192.309(a); 192.309(b); 192.309(c); 192.309(d);						
92.309(e))	Sat+	Sat	Concern	Unsat	N A	N C
Notes						
<b>20. Repair of Steel Pipe (detail)</b> Do records ccordance with §192.309? (DC.CO.REPAIR.R) (detail)	demonstrat	e that rep	airs to steel pi	pe are being	g made in	
92.309(a) (192.309(b); 192.309(c); 192.309(d); 192.309(e))	Sat+	Sat	Concern	Unsat	N A	N C
lotes						
	Sat+	e made in Sat	Concern	ith §192.3  Unsat	09? <b>N A</b>	N C
OC.CO.REPAIR.O) (detail) 92.309(a) (192.309(b); 192.309(c); 192.309(d); 192.309(e))						N C
OC.CO.REPAIR.O) (detail) 92.309(a) (192.309(b); 192.309(c); 192.309(d); 192.309(e)) Notes  22. Repair of Plastic Pipe (detail) Does the	Sat+	Sat	Concern	Unsat	N A	
OC.CO.REPAIR.O) (detail) 92.309(a) (192.309(b); 192.309(c); 192.309(d); 192.309(e)) Notes	Sat+	Sat	Concern	Unsat	N A	
OC.CO.REPAIR.O) (detail)  92.309(a) (192.309(b); 192.309(c); 192.309(d); 192.309(e))  Hotes  22. Repair of Plastic Pipe (detail) Does the epaired or removed? (DC.CO.REPAIRPLASTIC.P) (detail)	Sat+	<b>Sat</b> quire imp	<b>Concern</b> erfections or a	<b>Unsat</b> lamage of p	<b>N A</b> lastic pipe	to be
22. Repair of Plastic Pipe (detail) 23. Repair of Plastic Pipe (detail) 24. Repair of Plastic Pipe (detail) 25. Repair of Plastic Pipe (detail) 26. Repair of Plastic Pipe (detail) 27. Repair of Plastic Pipe (detail) 28. Repair of Plastic Pipe (detail) 29. Repair of Plastic Pipe (detail)	Sat+ e process re Sat+	quire imp	erfections or o	Unsat	NA	to be
22. Repair of Plastic Pipe (detail) Does the paired or removed? (DC.CO.REPAIRPLASTIC.P) (detail) Does the paired or seminary (detail) Does the paired or removed? (DC.CO.REPAIRPLASTIC.P) (detail) Does the paired or removed?	Sat+ e process re Sat+	quire imp	erfections or o	Unsat	NA	to be

192.311	Sat+	Sat	Concern	Unsat	NΑ	NC
Notes						
<b>25. Bends and Elbows (detail)</b> Does DC.CO.FIELDBEND.P) (detail)	the process require	field ben	ds to be made	in accordai	nce with Â	§192.3
.92.303 (192.313(a); 192.313(b); 192.313(c))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
<b>26. Bends and Elbows (detail)</b> Do re DC.CO.FIELDBEND.R) (detail)	ecords indicate that	field bend	s are made in	accordance	with §1	92.313
.92.313(a) (192.313(b); 192.313(c))	Sat+	Sat	Concern	Unsat	N A	N C
52.515(a) (152.515(b)) 152.515(c))	5411	<b> </b>		0.11541	1171	
Notes						
27. Bends and Elbows (detail) Are f	ield bends made in a	accordanc	e with §192.	<i>313(a)?</i> (D0	C.CO.FIELI	DBEND
1.1.218			Concern	11 +		
•	Sat⊥	Cat			NA	N C
•	Sat+	Sat	Concern	Unsat	NA	N C
.92.313(a) (192.313(b); 192.313(c))	Sat+	Sat	Concern	Unsat	NA	N (
.92.313(a) (192.313(b); 192.313(c))	Sat+	Sat	Concern	Unsat	NA	NO
92.313(a) (192.313(b); 192.313(c))	Sat+	Sat	Concern	Unsat	N A	N
.92.313(a) (192.313(b); 192.313(c))	Sat+	Sat	Concern	Unsat	N A	N
92.313(a) (192.313(b); 192.313(c))  Notes  28. Wrinkle bends (detail) Does the						NC
92.313(a) (192.313(b); 192.313(c))  Notes  28. Wrinkle bends (detail) Does the \$192.315? (DC.CO.WRINKLEBEND.P) (detail)	process require that	wrinkle b	ends are mad	e in accorda	ance with	
92.313(a) (192.313(b); 192.313(c))  Notes  28. Wrinkle bends (detail) Does the is 192.315? (DC.CO.WRINKLEBEND.P) (detail)						NC
(detail) (192.313(a) (192.313(b); 192.313(c))  Notes  28. Wrinkle bends (detail) Does the A§192.315? (DC.CO.WRINKLEBEND.P) (detail) (192.303 (192.315(a); 192.315(b))  Notes	process require that	wrinkle b	ends are mad	e in accorda	ance with	

192.315(a) (192.315(b))	Sat+	Sat	Concern	Unsat	NA	NC
192.313(a) (192.313(b))	Satt	Sat	Concern	Ulisat	NA	NC
Notes						
30. Wrinkle bends (detail) Are wrinkl	le hends made in ac	cordance	with Â8192 31	152 (DC CO	WRINKIF	BEND O
(detail)	e bends made in de	cordance		.5. (50.00)		<i>DE</i> (1010
192.315(a) (192.315(b))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
31. Protection from Hazards (detainazards? (DC.CO.HAZARD.P) (detail)	l) Does the process	s require	that exposed p	iping be pro	otected fro	om
192.303 (192.317(a); 192.317(b); 192.317(c))	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
<b>32. Protection from Hazards (detai</b> from hazards? (DC.CO.HAZARD.R) (detail)	l) Do records demo	onstrate t	hat exposed pi	ping being i	installed is	s protect
192.317(a) (192.317(b); 192.317(c))	Sat+	Sat	Concern	Unsat	N A	N C
Notes						
		nrocess re	equire that pip	ing be insta	lled such i	that
33. Installation of Pipe in a Ditch (ostresses are minimized and the coating is protected? (DC						
stresses are minimized and the coating is protected? (DC			Concern	Unsat	N A	NC
stresses are minimized and the coating is protected? (DC	.CO.INSTALL.P) (de	tail)	Concern	Unsat	NA	N C
33. Installation of Pipe in a Ditch (astresses are minimized and the coating is protected? (DC 192.303 (192.319(a); 192.319(b))  Notes	.CO.INSTALL.P) (de	tail)	Concern	Unsat	N A	NC

	Sat+	Sat	Concern	Unsat	NA	N C
Notes	·		·			
<b>35. Installation of Pipe in a Ditch - Offs</b> ipe be installed in accordance with §192.319(c)? (DC.CO.INSTALL)				require tha	at certain c	offshore
92.303 (192.319(c))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
totes						
OC Treat-listing of Director - Ditale - Offi		: 1 > -				
<b>36. Installation of Pipe in a Ditch - Offs</b> vith §192.319(c)? (DC.CO.INSTALLOFFSHORE.O) (detail)	snore (ae	tall) Is	certain offshor	e pipe insta	illed in acc	cordance
92.319(c)	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
37. Installation of Pipe in a Ditch - GOM						rtain piļ
<b>37. Installation of Pipe in a Ditch - GOM</b> n the Gulf of Mexico and its inlets be installed the depths requir				LGOM.P) (d		rtain pi
<b>37. Installation of Pipe in a Ditch - GOM</b> n the Gulf of Mexico and its inlets be installed the depths requir	ed of §192.	319(c)? (	DC.CO.INSTAL	LGOM.P) (d	letail)	
<b>37. Installation of Pipe in a Ditch - GOM</b> In the Gulf of Mexico and its inlets be installed the depths requires 192.303 (192.319(c))	ed of §192.	319(c)? (	DC.CO.INSTAL	LGOM.P) (d	letail)	
<b>37. Installation of Pipe in a Ditch - GOM</b> n the Gulf of Mexico and its inlets be installed the depths require 1.92.303 (192.319(c))	ed of §192.	319(c)? (	DC.CO.INSTAL	LGOM.P) (d	letail)	
<b>37. Installation of Pipe in a Ditch - GOM</b> In the Gulf of Mexico and its inlets be installed the depths requires 192.303 (192.319(c))	ed of §192.	319(c)? (	DC.CO.INSTAL	LGOM.P) (d	letail)	
37. Installation of Pipe in a Ditch - GOM in the Gulf of Mexico and its inlets be installed the depths requir 192.303 (192.319(c)) Notes	Sat+	319(c)? ( Sat	Concern	Unsat	N A	NC
37. Installation of Pipe in a Ditch - GOM on the Gulf of Mexico and its inlets be installed the depths require. 192.303 (192.319(c))  Notes  38. Installation of Plastic Pipe (detail)	Sat+	319(c)? ( Sat	Concern	Unsat	N A	NC
37. Installation of Pipe in a Ditch - GOM of the Gulf of Mexico and its inlets be installed the depths required 1.92.303 (192.319(c))  Notes  38. Installation of Plastic Pipe (detail) 18.192.321? (DC.CO.INSTALLPLASTIC.P) (detail) 19.92.303 (192.321(a); 192.321(b); 192.321(c); 192.321(d);	Sat+	319(c)? ( Sat	Concern	Unsat	N A	NC
37. Installation of Pipe in a Ditch - GOM of the Gulf of Mexico and its inlets be installed the depths required 1.92.303 (192.319(c))  Notes  38. Installation of Plastic Pipe (detail)  18. 192.321? (DC.CO.INSTALLPLASTIC.P) (detail)  192.303 (192.321(a); 192.321(b); 192.321(c); 192.321(d);	Sat+  Does process	319(c)? ( Sat	Concern  Concern	Unsat  De be installe	NA NA	N C
37. Installation of Pipe in a Ditch - GOM in the Gulf of Mexico and its inlets be installed the depths requir 192.303 (192.319(c)) Notes	Sat+  Does process	319(c)? ( Sat	Concern  Concern	Unsat  De be installe	NA NA	N C

<b>39. Installation of Plastic Pipe (detail)</b> <i>E §192.321?</i> (DC.CO.INSTALLPLASTIC.R) (detail)	o records i	ndicate pl	astic pipe insta	alled as spe	cified by	
192.321(a) (192.321(b); 192.321(c); 192.321(d); 192.321(e); 192.321(f); 192.321(g))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
40. Installation of Plastic Pipe (detail) In (DC.CO.INSTALLPLASTIC.O) (detail)	s plastic pip	oe installed	d as specified i	by §192.3.	21?	
192.321(a) (192.321(b); 192.321(c); 192.321(d); 192.321(e); 192.321(f); 192.321(g))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
<b>41. Underground Clearance (detail)</b> Does t §192.325 and (if plastic) installed as to prevent heat damage to					arances sį	pecified in
192.303 (192.325(a); 192.325(b); 192.325(c))	Sat+	Sat	Concern	Unsat	N A	N C
42. Underground Clearance (detail) Do rec					n accorda	nce with
$\hat{A}$ §192.325, and (if plastic) installed as to prevent heat damage to 192.325(a) (192.325(b); 192.325(c))	Sat+	Sat	Concern		N A	NC
43. Underground Clearance (detail) Is pipe plastic) installed as to prevent heat damage to the pipe? (DC.CO.			nces in accord	ance with Á	S§192.325	, and (if
192.325(a) (192.325(b); 192.325(c))	Sat+	Sat	Concern	Unsat	N A	N C
Notes						

	Sat+	Sat	Concern	Unsat	NΑ	N C
92.303 (192.325(d))				0.11041		
Notes						
45. Underground Clearance - Holders (c		e pipe-typ	e or bottle-typ	e holders in	stalled in	
<i>ccordance with §192.325(d)?</i> (DC.CO.CLEARHOLDER.O) (deta 92.325(d)	Sat+	Sat	Concern	Unsat	N A	NC
72.323(d)	Jut 1	Jut	Concern	Olisat	1171	
Notes						
<b>46. Depth of Cover - Onshore (detail)</b> Doe epth of cover as specified in §192.327? (DC.CO.COVER.P) (de	es the proces	ss specify	that onshore	piping is to	be installe	d with
92.303 (192.327(a); 192.327(b); 192.327(c), 192.327(d);		C-4		Unast	N. A	N.C
92.327(e))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
47. Depth of Cover - Onshore (detail) Is a	onshore pipii	ng minimu	ım cover as sp	ecified in Â	§192.327	>
OC.CO.COVER.R) (detail)			1-			
92.327(a) (192.327(b); 192.327(c), 192.327(d); 192.327(e))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
iotes						
48. Depth of Cover - Onshore (detail) Is a DC.CO.COVER.O) (detail)	onshore pipii	ng minimu	ım cover as sp	ecified in Â	§192.327	?
92.327(a) (192.327(b); 192.327(c), 192.327(d); 192.327(e))	Sat+	Sat	Concern	Unsat	NA	N C
		1	1	1		
Notes						

facilities/components meet the additional construction requirements of §192.328? (DC.CO.AMAOPCONST.R) (detail)

192.328 (192.328(a); 192.328(b); 192.328(c); 192.328(d);
192.328(e))

Sat + Sat Concern Unsat NA NC

49. Alternative MAOP: Construction (detail) Do records indicate Alternative MAOP replacement

#### **Design and Construction - Construction Weld Inspection**

**1. Inspection and Test of Welds (detail)** Does the process require visual inspections of welds to be conducted by qualified inspectors? (DC.WELDINSP.WELDVISUALQUAL.P) (detail)

Sat+	Sat	Concern	Unsat	NA	NC
·					
	Sat+	Sat+ Sat	Sat+ Sat Concern	Sat+ Sat Concern Unsat	Sat+ Sat Concern Unsat NA

**2. Inspection and Test of Welds (detail)** Do records indicate that individuals who perform visual inspection of welding are qualified by appropriate training and experience, as required by §192.241(a)? (DC.WELDINSP.WELDVISUALQUAL.R) (detail)

192.241(a) (192.241(b); 192.241(c); 192.807(a); 192.807(b))	Sat+	Sat	Concern	Unsat	N A	NC
Notes						

**3.** Inspection and Test of Welds (detail) Are individuals who perform visual inspection of welding qualified? (DC.WELDINSP.WELDVISUALQUAL.O) (detail)

192.241(a) (192.241(b); 192.241(c); 192.807(b))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						

192.243(a) (192.243(b)(1); 192.243(b)(2); 192.243(c); 192.243(d); 192.243(e).)	Sat+	Sat	Concern	Unsat	NΑ	NC
192.243(d); 192.243(e).)						
Notes						
<b>5. Nondestructive Test and Interpreta</b> mplementation is adequate? (DC.WELDINSP.WELDNDT.R) (de	ation Proce	dures	(detail) Do	records ind	icate that	NDT
.92.243(a) (192.243(b)(1); 192.243(b)(2); 192.243(c); .92.243(a))	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
6. Nondestructive Test and Interpreta	ntion Duose	duraa	(dotoil) (	NDT	d d -	
DC.WELDINSP.WELDNDT.O) (detail)	ation Proce	aures	(detail) Are	e NDT proce	aures aae	quate?
92.243(a) (192.243(b)(1); 192.243(b)(2); 192.243(c); 92.243(a))	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
7. Repair or Removal of Weld Defects				welds that a	are unacce	eptable
	WELDINSP.WEI	DREPAIR Sat	.P) (detail)	Unsat	N A	NC
		Sat	Concern	Unsat	NA	NC
	Suti					
ne removed and/or repaired as specified by §192.245? (DC.\ 1.92.303 (192.245(a); 192.245(b); 192.245(c))  Notes	Sati					
.92.303 (192.245(a); 192.245(b); 192.245(c))	Sati					
.92.303 (192.245(a); 192.245(b); 192.245(c))	Juti					
.92.303 (192.245(a); 192.245(b); 192.245(c))  Notes  8. Repair or Removal of Weld Defects		o records	indicate that u	ınacceptable	e welds ar	e remov
92.303 (192.245(a); 192.245(b); 192.245(c))  Notes  8. Repair or Removal of Weld Defects and/or repaired? (DC.WELDINSP.WELDREPAIR.R) (detail)		o records Sat	indicate that u	unacceptable Unsat	e welds ar	e remov
92.303 (192.245(a); 192.245(b); 192.245(c))  Notes  8. Repair or Removal of Weld Defects	s (detail) D	I		·		ı

.92.245(a) (192.245(b); 192.245(c))	Sat+	Sat	Concern	Unsat	NA	N C
otes						
Design and Construction - Const			_			e with
92.227(a)? (DC.WELDERQUAL.WELDERQUAL.P) (detail) 92.227(a) (192.227(b))	Sat+	Sat	Concern	Unsat	N A	N C
5-1				0.11000		
Notes						
	records indica Sat+	ate that w	Concern	Unsat	ordance v	1
92.227(a)? (DC.WELDERQUAL.WELDERQUAL.R) (detail) 92.227(a) (192.227(b))		I				T
92.227(a)? (DC.WELDERQUAL.WELDERQUAL.R) (detail) 92.227(a) (192.227(b))  Notes  3. Limitations on Welders (detail) Doe	Sat+	Sat	Concern	Unsat	NA	NO
92.227(a)? (DC.WELDERQUAL.WELDERQUAL.R) (detail) 92.227(a) (192.227(b))  Notes  3. Limitations on Welders (detail) Doe DC.WELDERQUAL.WELDERLIMITNDT.P) (detail)	Sat+	Sat	Concern	Unsat	NA	ers?
92.227(a)? (DC.WELDERQUAL.WELDERQUAL.R) (detail) 92.227(a) (192.227(b))  Notes  3. Limitations on Welders (detail) Doe DC.WELDERQUAL.WELDERLIMITNDT.P) (detail) 92.303 (192.229(a); 192.229(b); 192.229(c); 192.229(d))	Sat+	Sat require c	Concern  ertain limitatio	<b>Unsat</b>	<b>N A</b> ed on weld	ers?
92.227(a)? (DC.WELDERQUAL.WELDERQUAL.R) (detail) 92.227(a) (192.227(b))  Notes  3. Limitations on Welders (detail) Doe DC.WELDERQUAL.WELDERLIMITNDT.P) (detail) 92.303 (192.229(a); 192.229(b); 192.229(c); 192.229(d))  Notes  4. Limitations on Welders (192.229)	Sat+  Sat+  (detail) Do	Sat  require costs or records of	ertain limitatio	ons be place	N A  ed on weld	ers?
92.227(a)? (DC.WELDERQUAL.WELDERQUAL.R) (detail) 92.227(a) (192.227(b))  Notes  3. Limitations on Welders (detail) Doe DC.WELDERQUAL.WELDERLIMITNDT.P) (detail) 92.303 (192.229(a); 192.229(b); 192.229(c); 192.229(d))  Notes	Sat+  Sat+  (detail) Do	Sat  require costs or records of	ertain limitatio	ons be place	N A  ed on weld	ers?

## **Design and Construction - Construction Welding Procedures**

192.225(a) (192.225(b))	Sat+	Sat	Concern	Unsat	NA	N C
192.223(a) (192.223(b))	Jatt	Jat	Concern	Olisat		140
Notes						
<b>2. Welding Procedure</b> Â <i>§192.225?</i> (DC.WELDPROCEDURE.WE	es (detail) Do records indicate v LD.R) (detail)	veld proced	lures are being	qualified in	accordan	ce with
192.225(a) (192.225(b))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
				2	. 102 225	,
(DC.WELDPROCEDURE.WELD.O) (detail	es (detail) Are weld procedures ) Sat+	Sat	Concern	Unsat	N A	N C
(DC.WELDPROCEDURE.WELD.O) (detail	)					1
(DC.WELDPROCEDURE.WELD.O) (detail 192.225(a) (192.225(b))  Notes  4. Welding Weather	Sat+  (detail) Does the process require	Sat re welding	Concern	Unsat	NA	N C
(DC.WELDPROCEDURE.WELD.O) (detail 192.225(a) (192.225(b))  Notes  4. Welding Weather would impair the quality of the complete	Sat+  (detail) Does the process require	Sat re welding	Concern	Unsat	NA	N C
(DC.WELDPROCEDURE.WELD.O) (detail 192.225(a) (192.225(b))  Notes  4. Welding Weather would impair the quality of the complete	(detail) Does the process required weld? (DC.WELDPROCEDURE.WE	Sat  Te welding to LDWEATHE	to be protected	Unsat	<b>N A</b> her condit	N C
(DC.WELDPROCEDURE.WELD.O) (detail 192.225(a) (192.225(b))  Notes  4. Welding Weather would impair the quality of the complete 192.303 (192.231)  Notes  5. Welding Weather	(detail) Does the process required weld? (DC.WELDPROCEDURE.WE  Sat+  (detail) Do records indicate well	Sat  re welding a  LDWEATHE  Sat	to be protected (ER.P) (detail)	d from weat	n A her condit	n C
(DC.WELDPROCEDURE.WELD.O) (detail 192.225(a) (192.225(b))  Notes  4. Welding Weather would impair the quality of the complete 192.303 (192.231)  Notes	(detail) Does the process required weld? (DC.WELDPROCEDURE.WE  Sat+  (detail) Do records indicate well	Sat  re welding a  LDWEATHE  Sat	to be protected (ER.P) (detail)	d from weat	n A her condit	ions the

192.231	Sat+	Sat	Concern	Unsat	NA	NC
				0.11041		
Notes						
7. Miter Joints (detail) Does the proceduce.WELDPROCEDURE.MITERJOINT.P) (detail)						
92.303 (192.233(a); 192.233(b); 192.233(c))	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
8. Miter Joints (detail) Do records ind	licate that certain n	niter joint	s are removed			
DC.WELDPROCEDURE.MITERJOINT.R) (detail)						
, ,	Sat+	Sat	Concern	Unsat	N A	NC
DC.WELDPROCEDURE.MITERJOINT.R) (detail) 92.233(a) (192.233(b); 192.233(c))  Notes					NA	N C
92.233(a) (192.233(b); 192.233(c))  Notes  9. Preparation for Welding (detail	Sat+	Sat	Concern	Unsat		NC
92.233(a) (192.233(b); 192.233(c))  Notes	Sat+	Sat	Concern	Unsat		N C
92.233(a) (192.233(b); 192.233(c))  Notes  9. Preparation for Welding (detail accordance with §192.235? (DC.WELDPROCEDURE.WELD by 22.303 (192.235)	Sat+  Does the procest DPREP.P) (detail)	<b>Sat</b> s require	Concern	Unsat	elding, in	
92.233(a) (192.233(b); 192.233(c))  Notes  9. Preparation for Welding (detail ccordance with §192.235? (DC.WELDPROCEDURE.WELD 92.303 (192.235)  Notes	Sat+  Does the procest  DPREP.P) (detail)  Sat+	s require Sat	certain prepara	Unsat ations for w	elding, in	N C
92.233(a) (192.233(b); 192.233(c))  Notes  9. Preparation for Welding (detail ccordance with §192.235? (DC.WELDPROCEDURE.WELD 92.303 (192.235)	Sat+  Does the process DPREP.P) (detail)  Sat+	s require Sat	certain prepara	Unsat ations for w	elding, in	N C

(DC.WELDPROCEDURE.WELDPREP.O) (detail)	e welding pi	reparation	s made in acco	ordance witi	h A§192.2	35?
192.235	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
Design and Construction - Design  1. Design Formula for Steel Pipe (detail	- <b>l)</b> Do desigi	n records		indicate the	design pr	essure (
steel pipe is established in accordance with §192.105(a)? (DC.I 192.105(a) (192.105(b); 192.107(a); 192.107(b); 192.109(a);	DP.DESIGNP	RESS105A	A.R) (detail)			
192.109(b); 192.111(a); 192.111(b); 192.111(c); 192.111(d); 192.113; 192.115)	Sat+	Sat	Concern	Unsat	NA	NC
2. Alternative MAOP: Design (192.112) (						
replacement pipe and components meet the additional design re 192.112(a) (192.112(b); 192.112(c); 192.112(d); 192.112(e);						T
192.112(d) (192.112(d)), 192.112(e), 192.112(d), 192.112(e), 192.112(f); 192.112(g); 192.112(h))	Sat+	Sat	Concern	Unsat	N A	NC
Notes						
3. Design of Plastic Pipe (192.121) (de					ssure for p	plastic pi
	(DC.DP.DE	SIGNPRES		. ,	N. A.	l
to be determined in accordance with the formulas in $\hat{A}$ §192.121?	Sa+⊥	Sa+	Concern	llnest		NC
to be determined in accordance with the formulas in §192.121?	Sat+	Sat	Concern	Unsat	NA	NC

	Sat+	Sat	Concern	Unsat	NA	N C
Notes				1		
5. Design Limitations for Plastic Pipe (1 imitations of §192.123 be incorporated into the design of plastic						sign
192.103 (192.123(a); 192.123(b); 192.123(c); 192.123(d); 192.123(e); 192.123(f))	Sat+	Sat	Concern	Unsat	NA	N
Notes						
6. Design Limitations for Plastic Pipe (1	02 123)	(detai	I) Do docian i	rocards and	drawings	indica
hat the design limitations of §192.123 are incorporated into the	design of	plastic pip	e? (DC.DP.DE	SIGNLIMITE	LASTIC.R	) (deta
92.123(a) (192.123(b); 192.123(c); 192.123(d); 192.123(e);	Sat+	Sat	Concern	Unsat	NA	N
92.123(f))						
Notes	of Co	mpre	ssor St	ations		
92.123(f))  Notes  Design and Construction - Design		-				
Notes	mpresso	- or Build	ing (detai			require
Design and Construction - Design  1. Compressor stations - Location of Conat, as applicable to the project, compressor building locations moc.DPCCMP.CMPBLDGLOCATE.P) (detail)  92.143 (192.163(a); 192.163(b); 192.163(c); 192.163(d);	mpresso	- or Build	ing (detai			require
Design and Construction - Design  1. Compressor stations - Location of Contact, as applicable to the project, compressor building locations in	mpressoneet the rec	- or Build quirement	ing (detai s of 192.163?	l) Does the	process i	Ī

2. Compressor stations - Location of Co installation/construction drawings indicate that, as applicable to t of §192.163? (DC.DPCCMP.CMPBLDGLOCATE.R) (detail)						
192.163(a) (192.163(b); 192.163(c); 192.163(d); 192.163(e))	Sat+	Sat	Concern	Unsat	N A	N C
Notes						
3. Compressor stations - Location of Collocations meet the requirements of 192.163(a)? (DC.DPCCMP.CM				l) Do comp	oressor bui	lding
192.141 (192.163(a); 192.163(b); 192.163(c); 192.163(d); 192.163(e))	Sat+	Sat	Concern	Unsat	N A	NC
Notes						
4. Compressor Stations Liquid Removal protected from liquids? (DC.DPCCMP.CMPLIQPROT.P) (detail)	(detail)	Does the	process requii	re that com	pressors a	re
192.143 (192.165(a); 192.165(b))	Sat+	Sat	Concern	Unsat	N A	N C
Notes  5. Compressor Stations Liquid Removal	(detail)	Do record	ds indicate tha	t compresso	ors are pro	tected
from liquids? (DC.DPCCMP.CMPLIQPROT.R) (detail) 192.165(a) (192.615(b))	Sat+	Sat	Concern	Unsat	N A	NC
152.1205(a) (152.015(b))		Jut		Just		
Notes						
6. Compressor stations Liquid Removal						
applicable, liquid separators for compressors installed, in accorda						
	nce with 19	2.165? ([	C.DPCCMP.CM	1PLIQPROT.	O) (detail)	I

192.143(a) (192.143(b); 192.167(a); 192.167(b); 192.167(c))						
152.113(d) (152.113(d)), 152.107(d)), 152.107(d))	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
8. Compressor Stations Emergency Shu emergency shutdown systems meet the requirements of §192.	<b>tdown (d</b> 167(a)? (DC	l <b>etail)</b> [	Do records indi	cate that co	ompressor	station
192.167(a) (192.167(b); 192.167(c))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
9. Compressor Stations Emergency Shusystems (except for unattended field compressor stations of 1,00 DC.DPCCMP.CMPESD.O) (detail)						nutdowr
.92.141 (192.167(a); 192.167(b); 192.167(c))	Sat+	Sat	Concern	Unsat	NA	N C
Notes			'	1		
					the proje	ct, does
he process require that compressor stations have pressure relied DC.DPCCMP.CMPPRESSLIMIT.P) (detail)					the proje	n C
the process require that compressor stations have pressure relied DC.DPCCMP.CMPPRESSLIMIT.P) (detail)	f or other su	itable pro	tective devices	5?		
the process require that compressor stations have pressure relief (DC.DPCCMP.CMPPRESSLIMIT.P) (detail)  192.143(a) (192.143(b); 192.169(a); 192.169(b))  Notes  11. Compressor Stations - Pressure Lire records indicate that compressor stations have pressure relief or	Sat+	Sat  vices (	Concern  detail) As a	Unsat	NA	NC
the process require that compressor stations have pressure relief (DC.DPCCMP.CMPPRESSLIMIT.P) (detail)  192.143(a) (192.143(b); 192.169(a); 192.169(b))  Notes  11. Compressor Stations - Pressure Linguistre Conference of the Compressor stations have pressure relief or (DC.DPCCMP.CMPPRESSLIMIT.R) (detail)	Sat+	Sat  vices (	Concern  detail) As a	Unsat	NA	NC
the process require that compressor stations have pressure relief (DC.DPCCMP.CMPPRESSLIMIT.P) (detail)  192.143(a) (192.143(b); 192.169(a); 192.169(b))  Notes	Sat+  miting De other suitab	Sat  Sat  vices (	Concern  detail) As a tive devices?	Unsat  Unsat	<b>NA</b>	N C

192.141 (192.169(a); 192.169(b))	Sat+	Sat	Concern	Unsat	NΑ	N C
·						
Notes						
13. Compressor Stations - Additional sa does the process require that additional compressor station safet					e to the pr	oject,
(DC.DPCCMP.CMPSAFETYEQUIP.P) (detail)	equipmen	<i>- 15 111</i> dec	ordance with 1			
192.143(a) (192.143(b); 192.171(a); 192.171(b); 192.171(c); 192.171(d); 192.171(e))	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
14. Compressor Stations - Additional sa	afety equ	uipmen	t (detail) A	As applicable	e to the pr	oject, a
records indicate that additional compressor station safety equipm (DC.DPCCMP.CMPSAFETYEQUIP.R) (detail)	ent is in acc	cordance	with 192.171?			
• , , ,	Sat±	Sat	Concern	Unsat	NΔ	NC
192.171(a) (192.171(b); 192.171(c); 192.171(d); 192.171(e))	Sat+	Sat	Concern	Unsat	NA	NC
192.171(a) (192.171(b); 192.171(c); 192.171(d); 192.171(e))	Sat+	Sat	Concern	Unsat	NA	NC
• , , ,	Sat+	Sat	Concern	Unsat	NA	NC
192.171(a) (192.171(b); 192.171(c); 192.171(d); 192.171(e))	Sat+	Sat	Concern	Unsat	NA	NC
192.171(a) (192.171(b); 192.171(c); 192.171(d); 192.171(e))	Sat+	Sat	Concern	Unsat	NA	NC
192.171(a) (192.171(b); 192.171(c); 192.171(d); 192.171(e))  Notes						
192.171(a) (192.171(b); 192.171(c); 192.171(d); 192.171(e))	afety equ	uipmen	t (detail) /	As applicable	e to the pr	
192.171(a) (192.171(b); 192.171(c); 192.171(d); 192.171(e))  Notes  15. Compressor Stations - Additional sandditional compressor station safety equipment in accordance with 192.141 (192.171(a); 192.171(b); 192.171(c); 192.171(d);	afety equ	uipmen	t (detail) /	As applicable	e to the pr	
192.171(a) (192.171(b); 192.171(c); 192.171(d); 192.171(e))  Notes  15. Compressor Stations - Additional sa	afety equ	uipmen	<b>t (detail)</b> A	As applicable TYEQUIP.O	e to the pr	roject, is
192.171(a) (192.171(b); 192.171(c); 192.171(d); 192.171(e))  Notes  15. Compressor Stations - Additional sandditional compressor station safety equipment in accordance with 192.141 (192.171(a); 192.171(b); 192.171(c); 192.171(d); 192.171(e))	afety equ	uipmen	<b>t (detail)</b> A	As applicable TYEQUIP.O	e to the pr	roject, is
192.171(a) (192.171(b); 192.171(c); 192.171(d); 192.171(e))  Notes  15. Compressor Stations - Additional sandditional compressor station safety equipment in accordance with 192.141 (192.171(a); 192.171(b); 192.171(c); 192.171(d);	afety equ	uipmen	<b>t (detail)</b> A	As applicable TYEQUIP.O	e to the pr	roject, is
192.171(a) (192.171(b); 192.171(c); 192.171(d); 192.171(e))  Notes  15. Compressor Stations - Additional sandditional compressor station safety equipment in accordance with 192.141 (192.171(a); 192.171(b); 192.171(c); 192.171(d); 192.171(e))	afety equ	uipmen	<b>t (detail)</b> A	As applicable TYEQUIP.O	e to the pr	roject, is
192.171(a) (192.171(b); 192.171(c); 192.171(d); 192.171(e))  Notes  15. Compressor Stations - Additional sandditional compressor station safety equipment in accordance with 192.141 (192.171(a); 192.171(b); 192.171(c); 192.171(d); 192.171(e))	afety equ	uipmen	<b>t (detail)</b> A	As applicable TYEQUIP.O	e to the pr	roject, is
192.171(a) (192.171(b); 192.171(c); 192.171(d); 192.171(e))  Notes  15. Compressor Stations - Additional sandditional compressor station safety equipment in accordance with 192.141 (192.171(a); 192.171(b); 192.171(c); 192.171(d); 192.171(e))  Notes  Notes	afety equ th 192.171? Sat+	uipmen (DC.DPC Sat	t (detail) A CMP.CMPSAFE Concern	As applicable TYEQUIP.O) Unsat	e to the pr (detail) <b>N A</b>	noject, is
15. Compressor Stations - Additional sandditional compressor station safety equipment in accordance with 192.171(e))  Notes  16. Compressor Stations Ventilation (december 2015)	afety equal to 192.171? Sat+	Jipmen (DC.DPC Sat	t (detail) ACMP.CMPSAFE Concern	As applicable TYEQUIP.O) Unsat	e to the pr (detail) NA	noject, is
15. Compressor Stations - Additional sandditional compressor station safety equipment in accordance with 192.171(e))  Notes  16. Compressor Stations Ventilation (decompressor buildings are ventilated to prevent the accumulation of the same station of the same statio	afety equal to 192.171? Sat+	Jipmen (DC.DPC Sat	t (detail) ACMP.CMPSAFE Concern	As applicable TYEQUIP.O) Unsat	e to the pr (detail) NA	noject, is
15. Compressor Stations - Additional sandditional compressor station safety equipment in accordance with 192.171(e))  Notes  16. Compressor Stations Ventilation (december 2015)	afety equal h 192.171? Sat+ etail) As a performance of gas? (DC)	sat	t (detail) ACMP.CMPSAFE Concern  to the project,	As applicable TYEQUIP.O) Unsat , does the p E.P) (detail	e to the production (detail)  NA	N C
15. Compressor Stations - Additional sandditional compressor station safety equipment in accordance with 192.171(e))  Notes  16. Compressor Stations Ventilation (decompressor buildings are ventilated to prevent the accumulation of the same station of the same stations are ventilated to prevent the accumulation of the	afety equal h 192.171? Sat+ etail) As a performance of gas? (DC)	sat	t (detail) ACMP.CMPSAFE Concern  to the project,	As applicable TYEQUIP.O) Unsat , does the p E.P) (detail	e to the production (detail)  NA	N C

192.173	Sat+	Sat	Concern	Unsat	NA	NC
Notes				<u> </u>		
18. Compressor Stations Vent rentilated to prevent the accumulation of gas? (DC.)				, are compr	essor buil	dings
192.141 (192.173)	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
Design and Construction -	Desian of Pi	oe - 0	)verpre	ssure	Prote	ctio
Design and Construction -	Design of Pi	oe - C	)verpres	ssure	Prote	ctio
1. Protection against Accident pressure relieving or pressure limiting devices that a	al Overpressurin re required of §192.19	g (detai	<b>il)</b> Does the p	rocess requ	ire the pip	eline h
pressure relieving or pressure līmiting devices that a §192.199 and §192.201? (DC.DPCOPP.OVERPRES	<b>al Overpressurin</b> re required of §192.19 SURE.P) (detail)	g (detai	<b>il)</b> Does the p	rocess requ	ire the pip	eline h
1. Protection against Accident pressure relieving or pressure limiting devices that a \$\hat{8}\$5192.199 and \$\hat{8}\$5192.201? (DC.DPCOPP.OVERPRES 92.143(a) (192.143(b); 192.195(a); 192.199(a); 192.199(c); 192.199(d); 192.199(e); 192.199(f); 1	al Overpressuringer required of §192.19 SURE.P) (detail) 92.199(b);	g (detai	<b>il)</b> Does the p	rocess requir	ire the pip	eline h
1. Protection against Accident pressure relieving or pressure limiting devices that a \$\hat{8}\$5192.199 and \$\hat{8}\$5192.201? (DC.DPCOPP.OVERPRES 92.143(a) (192.143(b); 192.195(a); 192.199(a); 192.199(c); 192.199(d); 192.199(e); 192.199(f); 1	al Overpressuringer required of §192.19 SURE.P) (detail) 92.199(b);	<b>g (deta</b> i	II) Does the p that they mee	rocess requir	ire the pip rements of	eline h
1. Protection against Accident pressure relieving or pressure limiting devices that a	al Overpressuringer required of §192.19 SURE.P) (detail) 92.199(b);	<b>g (deta</b> i	II) Does the p that they mee	rocess requir	ire the pip rements of	eline h
<b>1. Protection against Accident</b> pressure relieving or pressure limiting devices that a $\hat{A}$ §192.199 and $\hat{A}$ §192.201? (DC.DPCOPP.OVERPRES 192.143(a) (192.143(b); 192.195(a); 192.199(a); 192.199(c); 192.199(d); 192.199(e); 192.199(f); 192.199(h); 192.201(a); 192.201(b); 192.201(c))	al Overpressuringer required of §192.19 SURE.P) (detail) 92.199(b);	<b>g (deta</b> i	II) Does the p that they mee	rocess requir	ire the pip rements of	eline h
<b>1. Protection against Accident</b> pressure relieving or pressure limiting devices that a $\hat{A}$ §192.199 and $\hat{A}$ §192.201? (DC.DPCOPP.OVERPRES 192.143(a) (192.143(b); 192.195(a); 192.199(a); 192.199(c); 192.199(d); 192.199(e); 192.199(f); 192.199(h); 192.201(a); 192.201(b); 192.201(c))	al Overpressuringer required of §192.19 SURE.P) (detail) 92.199(b);	<b>g (deta</b> i	II) Does the p that they mee	rocess requir	ire the pip rements of	eline l
1. Protection against Accident pressure relieving or pressure limiting devices that a signal state of the sta	al Overpressurin re required of §192.19 SURE.P) (detail) 92.199(g); Sat+  al Overpressurin re required of §192.19	g (detains) (detains) Sat	Does the p that they mee  Concern  ii) Do records	rocess require the require Unsat	nire the piperements of	NO
1. Protection against Accident ressure relieving or pressure limiting devices that a §192.199 and ŧ192.201? (DC.DPCOPP.OVERPRES 92.143(a) (192.143(b); 192.195(a); 192.199(a); 192.199(c); 192.199(d); 192.199(e); 192.199(f); 192.199(h); 192.201(a); 192.201(b); 192.201(c))  Notes  2. Protection against Accident	al Overpressurin re required of §192.19 SURE.P) (detail) 92.199(b); 92.199(g); Sat+  al Overpressurin re required of §192.19 SURE.R) (detail)	g (detains) (detains) Sat	Does the p that they mee  Concern  ii) Do records	rocess require the require Unsat	nire the piperements of	N (

.92.195(a) (192.199(a); 192.199(b); 192.199(c); 192.199(d); .92.199(e); 192.199(f); 192.199(g); 192.199(h); 192.201(a); .92.201(b); 192.201(c))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
4. Design of Pressure Relief and Limiting elieving or pressure limiting devices meet the requirements of Âg						ressur
92.143(a) (192.143(b); 192.199(a); 192.199(b); 192.199(c); 92.199(d); 192.199(e); 192.199(f); 192.199(g); 192.199(h))	Sat+	Sat	Concern		N A	N C
Notes						
5. Design of Pressure Relief and Limiting devices meet the requirements of Â						re
92.199(a) (192.199(b); 192.199(c); 192.199(d); 192.199(e); 92.199(f); 192.199(g); 192.199(h))	Sat+	Sat	Concern	Unsat	NA	N C
lotes						
6. Design of Pressure Relief and Limitin evices meet the requirements of §192.199? (DC.DPCOPP.PRES			III) Do pressu	ıre relieving	or pressu	re limi
92.199(a) (192.199(b); 192.199(c); 192.199(d); 192.199(e); 92.199(f); 192.199(g); 192.199(h))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						<u> </u>
7. Required Capacity of Pressure Reliev equire that pressure relief or pressure limiting stations being instacted.)						
92.143(a) (192.143(b); 192.201(a); 192.201(b); 192.201(c))	Sat+	Sat	Concern	Unsat	N A	N C
	1		1	1		1
Notes						

**3. Protection against Accidental Overpressuring (detail)** Are required pressure relieving or pressure limiting devices being installed, and do they meet the requirements of  $\hat{A}$ §192.199 and  $\hat{A}$ §192.201? (DC.DPCOPP.OVERPRESSURE.O) (detail)

.92.201(a) (192.201(b); 192.201(c))	Sat+	Sat	Concern	Unsat	NΑ	N C
Notes						
9. Required Capacity of Pressure Relie						ure reli
r pressure limiting stations comply with the requirements of Â	Sat+	Sat	Concern		N A	N C
92.201(a) (192.201(b); 192.201(c))	Salt	Sat	Concern	Unsat	NA	NC
Notos						
Notes						
Design and Construction - Design	n of Pir	e Co	mnoner	nts		
Design and Construction - Design	n of Pip	e Co	mponer	nts		
	-		-		omponent	ts are
1. Qualifying Metallic Components (de	- e <b>tail)</b> Do red	ords indic	ate that certai		omponent	ts are
<b>Design and Construction - Design</b> 1. Qualifying Metallic Components (designation of the property of the prop	- e <b>tail)</b> Do red	ords indic	ate that certai	n metallic c	omponent N A	ts are
1. Qualifying Metallic Components (de ualified for use in accordance with §192.144? (DC.DPC.META	e <b>tail)</b> <i>Do rec</i> LCOMPONEN	ords indic T.R) (deta	ate that certai il)	n metallic c		
<b>1. Qualifying Metallic Components (de</b> <i>ualified for use in accordance with §192.144?</i> (DC.DPC.META 92.144(a) (192.144(b))	e <b>tail)</b> <i>Do rec</i> LCOMPONEN	ords indic T.R) (deta	ate that certai il)	n metallic c		
<b>1. Qualifying Metallic Components (de</b> <i>ualified for use in accordance with §192.144?</i> (DC.DPC.META 92.144(a) (192.144(b))	e <b>tail)</b> <i>Do rec</i> LCOMPONEN	ords indic T.R) (deta	ate that certai il)	n metallic c		
<b>1. Qualifying Metallic Components (de</b> <i>ualified for use in accordance with §192.144?</i> (DC.DPC.META 92.144(a) (192.144(b))	e <b>tail)</b> <i>Do rec</i> LCOMPONEN	ords indic T.R) (deta	ate that certai il)	n metallic c		
<b>1. Qualifying Metallic Components (de</b> <i>ualified for use in accordance with §192.144?</i> (DC.DPC.META 92.144(a) (192.144(b))	e <b>tail)</b> <i>Do rec</i> LCOMPONEN	ords indic T.R) (deta	ate that certai il)	n metallic c		
1. Qualifying Metallic Components (de ualified for use in accordance with §192.144? (DC.DPC.META 92.144(a) (192.144(b))  Notes	Sat+	ords indic Γ.R) (deta Sat	ate that certaiil) Concern	unsat	N A	N C
1. Qualifying Metallic Components (de valified for use in accordance with §192.144? (DC.DPC.META 92.144(a) (192.144(b))  Notes  2. Valves (confirm) Do records indicate valves	Sat+	ords indic Γ.R) (deta Sat	ate that certaiil) Concern	unsat	N A	N C
1. Qualifying Metallic Components (de ualified for use in accordance with §192.144? (DC.DPC.META 92.144(a) (192.144(b))  Notes  2. Valves (confirm) Do records indicate valves confirm)	Sat+	Sat Sat	ate that certaiil) Concern	Unsat  92.145? (D	N A	N C
1. Qualifying Metallic Components (de pualified for use in accordance with §192.144? (DC.DPC.META 92.144(a) (192.144(b))  Notes  2. Valves (confirm) Do records indicate valves confirm)	Sat+	ords indic Γ.R) (deta Sat	ate that certaiil) Concern	unsat	N A	N C
1. Qualifying Metallic Components (de pualified for use in accordance with §192.144? (DC.DPC.META 92.144(a) (192.144(b))  Notes  2. Valves (confirm) Do records indicate valves confirm)	Sat+	Sat Sat	ate that certaiil) Concern	Unsat  92.145? (D	N A	N C
1. Qualifying Metallic Components (de ualified for use in accordance with §192.144? (DC.DPC.META 92.144(a) (192.144(b))  Notes  2. Valves (confirm) Do records indicate valves confirm) 92.145(a) (192.145(b); 192.145(c); 192.145(d))	Sat+	Sat Sat	ate that certaiil) Concern	Unsat  92.145? (D	N A	N C
1. Qualifying Metallic Components (de ualified for use in accordance with §192.144? (DC.DPC.META 92.144(a) (192.144(b))  Notes  2. Valves (confirm) Do records indicate valves confirm) 92.145(a) (192.145(b); 192.145(c); 192.145(d))	Sat+	Sat Sat	ate that certaiil) Concern	Unsat  92.145? (D	N A	N C
1. Qualifying Metallic Components (de ualified for use in accordance with §192.144? (DC.DPC.META 92.144(a) (192.144(b))  Notes  2. Valves (confirm) Do records indicate valves confirm) 92.145(a) (192.145(b); 192.145(c); 192.145(d))	Sat+	Sat Sat	ate that certaiil) Concern	Unsat  92.145? (D	N A	N C
1. Qualifying Metallic Components (de ualified for use in accordance with §192.144? (DC.DPC.META 92.144(a) (192.144(b))  Notes  2. Valves (confirm) Do records indicate valves confirm) 92.145(a) (192.145(b); 192.145(c); 192.145(d))	Sat+	Sat Sat	ate that certaiil) Concern	Unsat  92.145? (D	N A	N C
1. Qualifying Metallic Components (de ualified for use in accordance with §192.144? (DC.DPC.META 92.144(a) (192.144(b))  Notes  2. Valves (confirm) Do records indicate valves confirm)  92.145(a) (192.145(b); 192.145(c); 192.145(d))  Notes	comply with a	rords indic T.R) (deta Sat The require Sat	ements of §1	Unsat 92.145? (Di	C.DPC.VAI	N C
1. Qualifying Metallic Components (de ualified for use in accordance with §192.144? (DC.DPC.META 92.144(a) (192.144(b))  Notes  2. Valves (confirm) Do records indicate valves confirm)  92.145(a) (192.145(b); 192.145(c); 192.145(d))	comply with a	rords indic T.R) (deta Sat The require Sat	ements of §1	Unsat 92.145? (Di	C.DPC.VAI	N C
1. Qualifying Metallic Components (de valified for use in accordance with §192.144? (DC.DPC.META 92.144(a) (192.144(b))  Notes  2. Valves (confirm) Do records indicate valves confirm)  92.145(a) (192.145(b); 192.145(c); 192.145(d))  Notes  3. Valves (detail) Do valves comply with the records in the records in the confirm of the complex confirm in the confirm in t	comply with a	rords indic T.R) (deta Sat The require Sat	ements of §1	Unsat 92.145? (Dunsat ALVE.O) (de	C.DPC.VAI	N C
1. Qualifying Metallic Components (de valified for use in accordance with §192.144? (DC.DPC.META 92.144(a) (192.144(b))  Notes  2. Valves (confirm) Do records indicate valves confirm)  92.145(a) (192.145(b); 192.145(c); 192.145(d))  Notes  3. Valves (detail) Do valves comply with the records in the records in the confirm of the complex confirm in the confirm in t	comply with a	rords indic T.R) (deta Sat Sat A§192.12	ements of §1  Concern  Concern	Unsat 92.145? (Dunsat ALVE.O) (de	C.DPC.VAI	LVE.R)
1. Qualifying Metallic Components (de ualified for use in accordance with §192.144? (DC.DPC.META 92.144(a) (192.144(b))  Notes  2. Valves (confirm) Do records indicate valves confirm)  92.145(a) (192.145(b); 192.145(c); 192.145(d))  Notes	comply with a	rords indic T.R) (deta Sat Sat A§192.12	ements of §1  Concern  Concern	Unsat 92.145? (Dunsat ALVE.O) (de	C.DPC.VAI	LVE.R)

192.147(a) (192.147(b); 192.147(c))	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
<b>5. Flanges and Flange Accessories (</b> §192.147? (DC.DPC.FLANGE.O) (detail)	(detail) Do flang	es and fla	ange accessori	es meet the	requirem	ents of
192.141 (192.147(a); 192.147(b); 192.147(c))	Sat+	Sat	Concern	Unsat	N A	N C
132.111 (132.117 (0), 132.117 (0),	541.			o ii o u c	1171	
Notes						
6. Standard Fittings - Threaded (d	etail) Do records	indicate	threaded fittin	gs are in co	mpliance	with
§192.149(a)? (DC.DPC.FITTINGTHREADED.R) (detail)	C-1.1	C - 1		11 4	<b>N</b> A	N.C
192.149(a) (192.149(b))	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
Notes						
7. Passage of Internal Inspection D	evices (detail	Does th	ne process req	uire that ce	rtain trans	mission
pipeline components are designed and constructed to acco						
pipeline components are designed and constructed to acco (DC.DPC.ILIPASS.P) (detail)						
pipeline components are designed and constructed to acco	ommodate the pass	sage of ins	strumented int	ernal insped	ction devic	es?
pipeline components are designed and constructed to acco (DC.DPC.ILIPASS.P) (detail)	ommodate the pass	sage of ins	strumented int	ernal insped	ction devic	es?
pipeline components are designed and constructed to acco (DC.DPC.ILIPASS.P) (detail) 192.103 (192.150(a))	ommodate the pass	sage of ins	strumented int	ernal insped	ction devic	es?
pipeline components are designed and constructed to acco (DC.DPC.ILIPASS.P) (detail) 192.103 (192.150(a))	ommodate the pass	sage of ins	strumented int	ernal insped	ction devic	es?
pipeline components are designed and constructed to acco (DC.DPC.ILIPASS.P) (detail) 192.103 (192.150(a))	ommodate the pass	sage of ins	strumented int	ernal insped	ction devic	es?
oipeline components are designed and constructed to according (DC.DPC.ILIPASS.P) (detail)  192.103 (192.150(a))  Notes  8. Passage of Internal Inspection D	Sat+	Sat  ) Do reco	Concern  Concern	Unsat Unsat	N A	nes?
pipeline components are designed and constructed to according (DC.DPC.ILIPASS.P) (detail)  192.103 (192.150(a))  Notes	Sat+	Sat  ) Do reco	Concern  Concern	Unsat Unsat	N A	nes?
Dipeline components are designed and constructed to accomposed (DC.DPC.ILIPASS.P) (detail)  192.103 (192.150(a))  Notes  8. Passage of Internal Inspection Desipeline components are designed and constructed to accomposed (DC.DPC.ILIPASS.R) (detail)	Sat+	Sat  ) Do reco	Concern  Concern	Unsat Unsat	N A	nes?
Dipeline components are designed and constructed to accomposite (DC.DPC.ILIPASS.P) (detail)  192.103 (192.150(a))  Notes  8. Passage of Internal Inspection Designed and constructed to accomposite components are designed and constructed to accomposite in the components are designed and constructed to accomposite in the components are designed and constructed to accomposite in the components are designed and constructed to accomposite in the constructed to accomposite in the components are designed and constructed to accomposite in the construction in the cons	Sat+  Pevices (detail ommodate the pass	Sat  Do receive of instance of	Concern  Concern  ords indicate the strumented interpretable interpretab	Unsat  Unsat  hat certain ternal inspec	N A  Transmissi	n C

192.141 (192.150(a))	Sat+	Sat	Concern	Unsat	NΑ	NC
Notes		I				
<b>10. Tapping (detail)</b> Does the process req §192.151? (DC.DPC.TAP.P) (detail)	quire that tapping fi	ittings and	l taps comply v	with the req	uirements	s of
92.143 (192.151(a); 192.151(b); 192.151(c).)	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
11. Tapping (detail) Do records indicate to	hat tapping fittings	and taps	comply with th	he requirem	ents of Â	§192.15
DC.DPC.TAP.R) (detail)						
, , ,	Sat+	Sat	Concern	Unsat	N A	N C
92.151 (192.151(a); 192.151(b); 192.151(c).)	Sat+	Sat	Concern	Unsat	NA	N C
92.151 (192.151(a); 192.151(b); 192.151(c).)  Notes  12. Tapping (detail) Do tapping fittings an						
DC.DPC.TAP.R) (detail) 92.151 (192.151(a); 192.151(b); 192.151(c).)  Notes  12. Tapping (detail) Do tapping fittings and detail) 92.141 (192.151(a); 192.151(b); 192.151(c).)						
92.151 (192.151(a); 192.151(b); 192.151(c).)  Notes  12. Tapping (detail) Do tapping fittings and detail)  92.141 (192.151(a); 192.151(b); 192.151(c).)	nd taps comply with	h the requ	uirements of §	§192.151? (	DC.DPC.1	TAP.O)
92.151 (192.151(a); 192.151(b); 192.151(c).)  Notes  12. Tapping (detail) Do tapping fittings and detail)  92.141 (192.151(a); 192.151(b); 192.151(c).)	nd taps comply with	h the requ	uirements of §	§192.151? (	DC.DPC.1	TAP.O)
92.151 (192.151(a); 192.151(b); 192.151(c).)  Notes  12. Tapping (detail) Do tapping fittings and detail)	nd taps comply with Sat+	h the requ Sat	uirements of §	§192.151? ( Unsat	DC.DPC.T	TAP.O)
92.151 (192.151(a); 192.151(b); 192.151(c).)  Notes  12. Tapping (detail) Do tapping fittings and detail)  92.141 (192.151(a); 192.151(b); 192.151(c).)  Notes  13. Components Fabricated by We	Sat+  Iding (detail)  ELDFABRICATE.P) (	h the requ Sat	uirements of §	§192.151? ( Unsat	DC.DPC.T	TAP.O)

indicate	Sat	onents fabrica  Concern	ted by weld	N A	N C
indicate	Sat	Concern	Unsat	N A	N C
indicate	Sat	Concern	Unsat	N A	N C
indicate	Sat	Concern	Unsat	N A	N C
indicate <sub>i</sub>					
	pipina an	d associated e	quipment h	nave suffici	ent
	pipina an	d associated e	quipment h	nave suffici	ent
t, resist l	longitudin	al forces, and	prevent or	dampen e.	xcessive
at+	Sat	Concern	Unsat	N A	N C
and sup	oports bei	ng installed as	s required b	y §192.1	61?
at+	Sat	Concern	Unsat	N A	NC
il <b>)</b> Does	the proc	ess require tra	enemission	line valve o	enacing to
ii) boes	s the proc	ess require tre	11131111331011	mile valve s	spacing to
at+	Sat	Concern	Unsat	NA	NC
; ; ;	at+  and sup at+	at + Sat  and supports bei  at + Sat	at + Sat Concern  and supports being installed as  at + Sat Concern	at + Sat Concern Unsat  and supports being installed as required beat the sat Concern Unsat  at + Sat Concern Unsat  I) Does the process require transmission	at+ Sat Concern Unsat NA  and supports being installed as required by §192.1  at+ Sat Concern Unsat NA  I) Does the process require transmission line valve s

20. Transmission Line Valve Spacing (deta §192.179(a); 192.179(b); 192.179(c); 192.179(d))  92.141 (192.179(a); 192.179(b); 192.179(c); 192.179(d))  Notes  21. Design Pressure of Plastic Fittings (detandards referenced in §192.191? (DC.DPC.PLASTICFITTING.P) (c)	Sat+	Sat	Concern	Unsat	N A	N C
20. Transmission Line Valve Spacing (detail) 92.179? (DC.DPC.VALVESPACE.O) (detail) 92.141 (192.179(a); 192.179(b); 192.179(c); 192.179(d)) Notes  21. Design Pressure of Plastic Fittings (detandards referenced in §192.191? (DC.DPC.PLASTICFITTING.P) (c) 92.191(a) (192.191(b))	etail) Doddetail)	<b>Sat</b> oes the p	Concern rocess require	Unsat	<b>N A</b>	N C
20. Transmission Line Valve Spacing (detail) 92.179? (DC.DPC.VALVESPACE.O) (detail) 92.141 (192.179(a); 192.179(b); 192.179(c); 192.179(d)) Notes  21. Design Pressure of Plastic Fittings (detandards referenced in §192.191? (DC.DPC.PLASTICFITTING.P) (c) 92.191(a) (192.191(b))	etail) Doddetail)	<b>Sat</b> oes the p	Concern rocess require	Unsat	<b>N A</b>	N C
### 192.179? (DC.DPC.VALVESPACE.O) (detail)  92.141 (192.179(a); 192.179(b); 192.179(c); 192.179(d))  Notes  ###################################	etail) Doddetail)	<b>Sat</b> oes the p	Concern rocess require	Unsat	<b>N A</b>	n C
92.141 (192.179(a); 192.179(b); 192.179(c); 192.179(d))  Notes  21. Design Pressure of Plastic Fittings (detandards referenced in §192.191? (DC.DPC.PLASTICFITTING.P) (c) 92.191(a) (192.191(b))	<b>etail)</b> <i>Do</i> detail)	oes the p	rocess require	plastic fittir	ngs confor	m to th
<b>21. Design Pressure of Plastic Fittings (de</b> tandards referenced in §192.191? (DC.DPC.PLASTICFITTING.P) (c. 92.191(a) (192.191(b))	(detail)					
tandards referenced in §192.191? (DC.DPC.PLASTICFITTING.P) (c. 92.191(a) (192.191(b))	(detail)					
tandards referenced in §192.191? (DC.DPC.PLASTICFITTING.P) (c. 92.191(a) (192.191(b))	(detail)					
92.191(a) (192.191(b))		Sat	Concern	Unsat	N A	N C
	Satt	Sat	Concern	Olisat	NA .	NC
Notes						
<b>22. Design Pressure of Plastic Fittings (de</b> tandards referenced in §192.191? (DC.DPC.PLASTICFITTING.R) (de	etail) De	o records	indicate that p	plastic fitting	gs conforn	n to the
	Sat+	Sat	Concern	Unsat	N A	N C
52.1252(a) (152.1252(b))	Jul 1			Jiibac	1171	
Notes				<u>                                     </u>		
<b>23. Pipe and Bottle Type Holders (detail)</b> A nd bottle type holders are designed to meet requirements? (DC.DP.				the process	s require t	hat pipe
92 143(a) (192 143(b): 192 175(a): 192 175(b): 192 177(a):	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
10165						

25. Pipe and Bottle Type Holders (detail) As a holders installed as designed and in accordance with §192.175? (DC.I. 192.141 (192.175(a); 192.175(b); 192.177(a); 192.177(b))  Notes  26. Vaults Structural Design Requirements (description of the first value of	etail) 2.183? :+	) As app	Concern	Unsat	N A	N C
25. Pipe and Bottle Type Holders (detail) As a nolders installed as designed and in accordance with §192.175? (DC.I. 192.141 (192.175(a); 192.175(b); 192.177(a); 192.177(b))  Notes  26. Vaults Structural Design Requirements (deequire that vaults and valve pits are designed in accordance with §192.143(a) (192.143(b); 192.183(a); 192.183(b); 192.183(c))  Notes  27. Vaults Structural Design Requirements (defat vaults and valve pits are designed in accordance with §192.183(c))	etail) 2.183? :+	) As app	Concern  Colicable to the C.VAULT.P) (detail)	project, doe	N A	N C
nolders installed as designed and in accordance with §192.175? (DC.I. 192.141 (192.175(a); 192.175(b); 192.177(a); 192.177(b))  Sa  Notes  26. Vaults Structural Design Requirements (cequire that vaults and valve pits are designed in accordance with §19.143(a) (192.143(b); 192.183(a); 192.183(b); 192.183(c))  Sa  Notes  27. Vaults Structural Design Requirements (centre of the content of the c	etail) 2.183? :+	) As app	Concern  Colicable to the C.VAULT.P) (detail)	project, doe	N A	N C
Polders installed as designed and in accordance with §192.175? (DC.I. 92.141 (192.175(a); 192.175(b); 192.177(a); 192.177(b))  San Notes  26. Vaults Structural Design Requirements (cequire that vaults and valve pits are designed in accordance with §192.143(a) (192.143(b); 192.183(a); 192.183(b); 192.183(c))  Notes  27. Vaults Structural Design Requirements (center that vaults and valve pits are designed in accordance with §192.183?	etail) 2.183? :+	) As app	Concern  Colicable to the C.VAULT.P) (detail)	project, doe	N A	N C
nolders installed as designed and in accordance with §192.175? (DC.I. 192.141 (192.175(a); 192.175(b); 192.177(a); 192.177(b))  Sa  Notes  26. Vaults Structural Design Requirements (cequire that vaults and valve pits are designed in accordance with §19.143(a) (192.143(b); 192.183(a); 192.183(b); 192.183(c))  Sa  Notes  27. Vaults Structural Design Requirements (centre of the content of the c	etail) 2.183? :+	) As app	Concern  Colicable to the C.VAULT.P) (detail)	project, doe	N A	N C
nolders installed as designed and in accordance with §192.175? (DC.I. 192.141 (192.175(a); 192.175(b); 192.177(a); 192.177(b))  Sa  Notes  26. Vaults Structural Design Requirements (cequire that vaults and valve pits are designed in accordance with §19.143(a) (192.143(b); 192.183(a); 192.183(b); 192.183(c))  Sa  Notes  27. Vaults Structural Design Requirements (centre of the content of the c	etail) 2.183? :+	) As app	Concern  Colicable to the C.VAULT.P) (detail)	project, doe	N A	N C
Notes  26. Vaults Structural Design Requirements (Contequire that vaults and valve pits are designed in accordance with §192.143(a) (192.143(b); 192.183(a); 192.183(b); 192.183(c))  Notes  27. Vaults Structural Design Requirements (Context vaults and valve pits are designed in accordance with §192.183?	etail) 2.183? :+	) As app (DC.DP Sat	Concern  blicable to the	<i>project, doe</i> letail)	es the prod	cess
26. Vaults Structural Design Requirements (desequire that vaults and valve pits are designed in accordance with §19.92.143(a) (192.143(b); 192.183(a); 192.183(b); 192.183(c))  Notes  27. Vaults Structural Design Requirements (designed in accordance with §192.183?)	etail]	Sat	C.VAULT.P) (d	letail)	<u> </u>	1
26. Vaults Structural Design Requirements (desequire that vaults and valve pits are designed in accordance with §19.192.143(a) (192.143(b); 192.183(a); 192.183(b); 192.183(c))  Notes  27. Vaults Structural Design Requirements (defeat vaults and valve pits are designed in accordance with §192.183?	etail]	Sat	C.VAULT.P) (d	letail)	<u> </u>	T
Pequire that vaults and valve pits are designed in accordance with §19.192.143(a) (192.143(b); 192.183(a); 192.183(b); 192.183(c))  Notes  27. Vaults Structural Design Requirements (contact vaults and valve pits are designed in accordance with §192.183?	etail]	Sat	C.VAULT.P) (d	letail)	<u> </u>	T
Pequire that vaults and valve pits are designed in accordance with §19.192.143(a) (192.143(b); 192.183(a); 192.183(b); 192.183(c))  Notes  27. Vaults Structural Design Requirements (contact vaults and valve pits are designed in accordance with §192.183?	etail]	Sat	C.VAULT.P) (d	letail)	<u> </u>	T
Pequire that vaults and valve pits are designed in accordance with §19.192.143(a) (192.143(b); 192.183(a); 192.183(b); 192.183(c))  Notes  27. Vaults Structural Design Requirements (contact vaults and valve pits are designed in accordance with §192.183?	etail]	Sat	C.VAULT.P) (d	letail)	<u> </u>	T
Pequire that vaults and valve pits are designed in accordance with §19.192.143(a) (192.143(b); 192.183(a); 192.183(b); 192.183(c))  Notes  27. Vaults Structural Design Requirements (contact vaults and valve pits are designed in accordance with §192.183?	etail]	Sat	C.VAULT.P) (d	letail)	<u> </u>	N C
Notes  27. Vaults Structural Design Requirements (chat vaults and valve pits are designed in accordance with §192.183?	etail)	Sat	1		NA	N C
Notes  27. Vaults Structural Design Requirements (chat vaults and valve pits are designed in accordance with §192.183?	etail		Concern	Unsat	NA	NC
<b>27. Vaults Structural Design Requirements (</b> ohat vaults and valve pits are designed in accordance with §192.183?		<b>)</b> Ac and				
<b>27. Vaults Structural Design Requirements (</b> Abat vaults and valve pits are designed in accordance with Ab 192.183?		<b>)</b> Ac 201				
that vaults and valve pits are designed in accordance with §192.183?		<b>)</b> 4c and				
hat vaults and valve pits are designed in accordance with §192.183?		<b>)</b> Ac and				
hat vaults and valve pits are designed in accordance with §192.183?		) Ac and				
hat vaults and valve pits are designed in accordance with §192.183?			plicable to the	project, do	records in	ndicate
192.183(a) (192.183(b); 192.183(c))	DC.DP			project, do		dicate
	+	Sat	Concern	Unsat	N A	N C
Notes						
28. Vaults Structural Design Requirements (on stalled as designed, and per the requirements of §192.183? (DC.DP)				project, are	vaults/pi	ts
.92.141 (192.183(a); 192.183(b); 192.183(c))		Sat	Concern	Unsat	N A	N C
32.141 (192.103(a), 192.103(b), 192.103(c))	. Т	Jat	Concern	Ulisat	IIA	14.0
Notes						
Notes						

.92.143(a) (192.143(b); 192.185(a); 192.185(b); 192.185(c))	Sat+	Sat	Concern	Unsat	NA	NO
Notes						
<b>30. Vaults Accessibility (detail)</b> As applicate ccessible location? (DC.DPC.VAULTACCESS.R) (detail)	ole to the pr	oject, do	records indicat	te that vault	ts are loca	ted in
92.185(a) (192.185(b); 192.185(c))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
<b>31. Vaults Accessibility (detail)</b> As applicate DC.DPC.VAULTACCESS.O) (detail)	ole to the pr	oject, are	vaults located	in an acces	ssible loca	tion?
92.141 (192.185(a))	Sat+	Sat	Concern	Unsat	NA	N (
Notes						
32. Vaults Sealing, Venting, and Ventilate equire that underground vaults or closed top pits are to be sealed						rocess
<b>32. Vaults Sealing, Venting, and Ventila</b> equire that underground vaults or closed top pits are to be sealed DC.DPC.VAULTSEAL.P) (detail)						rocess
<b>32. Vaults Sealing, Venting, and Ventila</b> equire that underground vaults or closed top pits are to be sealed DC.DPC.VAULTSEAL.P) (detail)	ed, vented o	r ventilate	ed as required	by §192.1	.87?	
	ed, vented o	r ventilate	ed as required	by §192.1	.87?	
<b>32. Vaults Sealing, Venting, and Ventila</b> equire that underground vaults or closed top pits are to be sealed DC.DPC.VAULTSEAL.P) (detail) 92.187(a) (192.187(b); 192.187(c))	ed, vented o	r ventilate	ed as required	by §192.1	.87?	
<b>32. Vaults Sealing, Venting, and Ventila</b> equire that underground vaults or closed top pits are to be sealed DC.DPC.VAULTSEAL.P) (detail) 92.187(a) (192.187(b); 192.187(c))	ed, vented o	r ventilate	ed as required	by §192.1	.87?	
32. Vaults Sealing, Venting, and Ventilatequire that underground vaults or closed top pits are to be sealed DC.DPC.VAULTSEAL.P) (detail) 92.187(a) (192.187(b); 192.187(c)) Notes	Sat+	r ventilate Sat	Concern	by §192.1	N A	N (
<b>32. Vaults Sealing, Venting, and Ventila</b> equire that underground vaults or closed top pits are to be sealed DC.DPC.VAULTSEAL.P) (detail) 92.187(a) (192.187(b); 192.187(c))	Sat+	Sat  Sat  As ail) As a	Concern  ppplicable to the	Unsat  Unsat	N A	NO
32. Vaults Sealing, Venting, and Ventilate equire that underground vaults or closed top pits are to be sealed DC.DPC.VAULTSEAL.P) (detail) 92.187(a) (192.187(b); 192.187(c)) Notes  33. Vaults Sealing, Venting, and Ventilate and underground vaults or closed top pits are to be sealed, ventilated.	Sat+	Sat  Sat  As ail) As a	Concern  ppplicable to the	Unsat  Unsat	N A	NO
32. Vaults Sealing, Venting, and Ventilate equire that underground vaults or closed top pits are to be sealed DC.DPC.VAULTSEAL.P) (detail) 92.187(a) (192.187(b); 192.187(c)) Notes  33. Vaults Sealing, Venting, and Ventilate at underground vaults or closed top pits are to be sealed, vento DC.DPC.VAULTSEAL.R) (detail)	Sat+ tion (det	Sat  Sat  ail) As a ated as rea	Concern  Concern  applicable to the quired by §19	Unsat Unsat  e project, a	NA NA	Indica

	Sat+	Sat	Concern	Unsat	NA	N C
Notes				'		
35. Vaults Drainage and Waterproofing						
hat underground vaults or pits are protected from water intrusion	n as require	ed of §19	92.189? (DC.D	PC.VAULTW	ATER.P) (	detail)
192.143(a) (192.143(b); 192.189(a); 192.189(b); 192.189(c))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
36. Vaults Drainage and Waterproofing						
underground vaults or pits are protected from water intrusion as	<u> </u>				, ,	1
192.189(a) (192.189(b); 192.189(c))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
37. Vaults Drainage and Waterproofing				iect, are vau	ults installe	ed to
minimize water entrance, and have proper electrical equipment?				iect, are val		ed to
minimize water entrance, and have proper electrical equipment?				unsat	ults install	ed to
minimize water entrance, and have proper electrical equipment?	(DC.DPC.VA	ULTWATE	R.O) (detail)			1
minimize water entrance, and have proper electrical equipment?	(DC.DPC.VA	ULTWATE	R.O) (detail)			1
minimize water entrance, and have proper electrical equipment?	(DC.DPC.VA	ULTWATE	R.O) (detail)			1
37. Vaults Drainage and Waterproofing minimize water entrance, and have proper electrical equipment? 192.141 (192.189(a); 192.189(b); 192.189(c))  Notes	(DC.DPC.VA	ULTWATE	R.O) (detail)			1
minimize water entrance, and have proper electrical equipment?	(DC.DPC.VA	ULTWATE	R.O) (detail)			1
minimize water entrance, and have proper electrical equipment? 192.141 (192.189(a); 192.189(b); 192.189(c))  Notes	Sat+	Sat	Concern	Unsat	N A	N C
ninimize water entrance, and have proper electrical equipment?  192.141 (192.189(a); 192.189(b); 192.189(c))  Notes  38. Instrument, Control, and Sampling project, does the process require that instrument, control, and s	Sat+	Sat	Concern  Concern	Unsat	<b>NA</b>	N C
Notes  38. Instrument, Control, and Sampling project, does the process require that instrument, control, and safe192.203? (DC.DPC.INSTRUMENTPIPE.P) (detail)	Sat+	Sat	Concern  Concern	Unsat	<b>NA</b>	N C
Notes  38. Instrument, Control, and Sampling project, does the process require that instrument, control, and safe192.203? (DC.DPC.INSTRUMENTPIPE.P) (detail)	Sat+	Sat	Concern  Concern	Unsat	<b>NA</b>	N C
minimize water entrance, and have proper electrical equipment?  192.141 (192.189(a); 192.189(b); 192.189(c))  Notes	Sat+  Pipe and ampling pipe	Sat  Compo	Concern  Concern  Display the concern (deponents are decomposition)	Unsat  tail) As an esigned in a	<b>N A</b> pplicable to	N C
ninimize water entrance, and have proper electrical equipment?  192.141 (192.189(a); 192.189(b); 192.189(c))  Notes  38. Instrument, Control, and Sampling project, does the process require that instrument, control, and safe 192.203? (DC.DPC.INSTRUMENTPIPE.P) (detail)	Sat+  Pipe and ampling pipe	Sat  Compo	Concern  Concern  Display the concern (deponents are decomposition)	Unsat  tail) As an esigned in a	<b>N A</b> pplicable to	N C

	Sat+	Sat	Concern	Unsat	NΑ	N C
Notes	<u> </u>					
40. Instrument, Control, and Samp						
project, are instrument, control, and sampling pipe and co DC.DPC.INSTRUMENTPIPE.O) (detail)	omponents installed	d as desig	ned and in acc	ordance wit	h A§192.2	203?
.92.141 (192.203(a); 192.203(b))	Sat+	Sat	Concern	Unsat	NA	NC
Notes		ı				
41. Internal Corrosion Control: Des	sian and Cons	tructio	n (192.476	o) (detai	l) Does ti	he proce
equire that the transmission line project has features inco	orporated into its d					
orrosion, as required of §192.476? (DC.DPC.INTCORRO		C - 1	0			N.C
92.453 (192.476(a); 192.476(b); 192.476(c))	Sat+	Sat	Concern	Unsat	NA	NC
Nakaa						
Notes						
Notes						
Notes						
	sign and Cons	tructio	n (102 476	S) (dotai	<b>1)</b> Do woo	a wala
<b>42. Internal Corrosion Control: Des</b> Jemonstrate the transmission line project has features inc	corporated into its o					
<b>42. Internal Corrosion Control: Des</b> Jemonstrate the transmission line project has features inc	corporated into its o					
<b>42. Internal Corrosion Control: Des</b> lemonstrate the transmission line project has features incorrosion, as required of §192.476? (DC.DPC.INTCORRO	corporated into its o					
<b>42. Internal Corrosion Control: Des</b> lemonstrate the transmission line project has features incorrosion, as required of §192.476? (DC.DPC.INTCORRO	corporated into its of DE.R) (detail)	design and	d construction	to reduce ti	he risk of	internal
<b>42. Internal Corrosion Control: Des</b> demonstrate the transmission line project has features incorrosion, as required of §192.476? (DC.DPC.INTCORRO	corporated into its of DE.R) (detail)	design and	d construction	to reduce ti	he risk of	internal
<b>42. Internal Corrosion Control: Des</b> Jemonstrate the transmission line project has features incorrosion, as required of §192.476? (DC.DPC.INTCORRO 92.476(a) (192.476(b); 192.476(c))	corporated into its of DE.R) (detail)	design and	d construction	to reduce ti	he risk of	internal
42. Internal Corrosion Control: Desdemonstrate the transmission line project has features incorrosion, as required of §192.476? (DC.DPC.INTCORRO 192.476(a) (192.476(b); 192.476(c))  Notes	corporated into its of DE.R) (detail)	design and	d construction	to reduce ti	he risk of	internal
<b>42. Internal Corrosion Control: Des</b> demonstrate the transmission line project has features incorrosion, as required of §192.476? (DC.DPC.INTCORRO 192.476(a) (192.476(b); 192.476(c))	corporated into its of DE.R) (detail)	design and	d construction	to reduce ti	he risk of	internal
42. Internal Corrosion Control: Designments the transmission line project has features interpretation, as required of §192.476? (DC.DPC.INTCORRO) 92.476(a) (192.476(b); 192.476(c))  Notes  43. Internal Corrosion Control: Designments	sorporated into its of DE.R) (detail)  Sat+	Sat	Concern	Unsat  (i) (detai	N A	N C
42. Internal Corrosion Control: Destendent the transmission line project has features incorrosion, as required of §192.476? (DC.DPC.INTCORRO 92.476(a) (192.476(b); 192.476(c))  Notes  43. Internal Corrosion Control: Destransmission project's design and construction comply with	sorporated into its of DE.R) (detail)  Sat+  sign and Cons h ŧ192.476? (DC.	Sat  tructio	Concern  (192.476 CORRODE.O) (0	Unsat  Oddania  Unsat  Unsat  Unsat	NA  N Does to	N C
42. Internal Corrosion Control: Designments the transmission line project has features incorrosion, as required of §192.476? (DC.DPC.INTCORRO) 92.476(a) (192.476(b); 192.476(c))  Notes  43. Internal Corrosion Control: Designments	sorporated into its of DE.R) (detail)  Sat+	Sat	Concern	Unsat  O) (detail detail)	N A	N C
42. Internal Corrosion Control: Desternon de la femonstrate the transmission line project has features incorrosion, as required of §192.476? (DC.DPC.INTCORRO 92.476(a) (192.476(b); 192.476(c))  Notes  43. Internal Corrosion Control: Desternosion project's design and construction comply with	sorporated into its of DE.R) (detail)  Sat+  sign and Cons h ŧ192.476? (DC.	Sat  tructio	Concern  (192.476 CORRODE.O) (0	Unsat  Oddania  Unsat  Unsat  Unsat	NA  N Does to	N C

replacement facilities/components meet the design and test factor requirements listed in §192.620(a)? (DC.DPC.AMAOP.R) (detail)

192.620(a) (192.620(b))

Sat + Sat Concern Unsat NA NC

44. Alternative MAOP: Design and test factors (detail) Do records indicate alternative MAOP

Notes			

## **Design and Construction - Gathering**

**1. Gathering Lines (detail)** Does evidence demonstrate compliance with the design and installation requirements of Part 192 for certain gathering lines? (DC.GA.COMPLIANCE.P) (detail)

192.9(a) (192.9(b); 192.9(c); 192.9(d))	Sat+	Sat	Concern	Unsat	NA	NC
Notes	<u>'</u>					

**2. Gathering Lines (detail)** Does evidence demonstrate compliance with the design and installation requirements of Part 192 for certain gathering lines? (DC.GA.COMPLIANCE.O) (detail)

requirements of rare 152 for certain gathering lines: (be.ok.	COM LIANCE.C	) (actail)				
192.9(a) (192.9(b); 192.9(c); 192.9(d))	Sat+	Sat	Concern	Unsat	NA	NC
Notes		1				

## **Design and Construction - Maintenance and Operations**

**1. Internal Corrosion in Cutout Pipe (detail)** Does the process direct personnel to examine removed pipe for evidence of internal corrosion? (DC.MO.ICEXAMINE.P) (detail)

192.605(b) (192.475(a); 192.475(b); 192.475(c))	Sat+	Sat	Concern	Unsat	NA	NC
Notes						

.92.491(c) (192.475(a); 192.475(b); 192.475(c))	Sat+	Sat	Concern	Unsat	NΑ	N C
Notes		ı				
3. Internal Corrosion in Cutout		amination	of removed pi	pe conducte	ed to dete	ermine a
vidence of internal corrosion? (DC.MO.ICEXAMINE.0 92.475(a) (192.475(b); 192.475(c))	Sat+	Sat	Concern	Unsat	N A	N C
72.473(d) (192.473(b), 192.473(c))	Satt	Sat	Concern	Ulisat	NA .	14.0
lotes						
4. Start-Stop Procedures (detail	il) Does the process inc	lude proc	edures for star	ting up and	shutting	down a
	bocs the process in					
	assure operation within	the MAOP		ped by this p	part, plus	the bu
o allowed for operation of pressure-limiting and cor	assure operation within ntrol devices? (DC.MO.M	the MAOP AOPLIMIT	.P) (detail)	· ·		1
art of the pipeline system in a manner designed to p allowed for operation of pressure-limiting and cor 92.605(b)(5)	assure operation within	the MAOP		Unsat	N A	n C
p allowed for operation of pressure-limiting and cor 92.605(b)(5)	assure operation within ntrol devices? (DC.MO.M	the MAOP AOPLIMIT	.P) (detail)	· ·		1
p allowed for operation of pressure-limiting and cor	assure operation within ntrol devices? (DC.MO.M	the MAOP AOPLIMIT	.P) (detail)	· ·		1
p allowed for operation of pressure-limiting and cor 92.605(b)(5)	assure operation within ntrol devices? (DC.MO.M	the MAOP AOPLIMIT	.P) (detail)	· ·		1
p allowed for operation of pressure-limiting and cor 92.605(b)(5)	assure operation within ntrol devices? (DC.MO.M	the MAOP AOPLIMIT	.P) (detail)	· ·		1
p allowed for operation of pressure-limiting and cor 92.605(b)(5)	assure operation within ntrol devices? (DC.MO.M	the MAOP AOPLIMIT Sat	.P) (detail)  Concern	Unsat	N A	N
so allowed for operation of pressure-limiting and coresponding to pressure sure sure sure sure sure sure su	assure operation within ntrol devices? (DC.MO.M	the MAOP AOPLIMIT Sat	.P) (detail)  Concern	Unsat	N A	N
5. Start-Stop Procedures (details sceeded? (DC.MO.MAOPLIMIT.R) (detail)	assure operation within ntrol devices? (DC.MO.M	the MAOP AOPLIMIT Sat	.P) (detail)  Concern	Unsat	N A	N
5. Start-Stop Procedures (details: ceeded? (DC.MO.MAOPLIMIT.R) (detail)	assure operation within ntrol devices? (DC.MO.M  Sat+	the MAOP AOPLIMIT Sat	.P) (detail)  Concern	Unsat Unsat	<b>NA</b>	N C
5. Start-Stop Procedures (details: ceeded? (DC.MO.MAOPLIMIT.R) (detail)	assure operation within ntrol devices? (DC.MO.M  Sat+	the MAOP AOPLIMIT Sat	.P) (detail)  Concern	Unsat Unsat	<b>NA</b>	N (
5. Start-Stop Procedures (details: ceeded? (DC.MO.MAOPLIMIT.R) (detail)	assure operation within ntrol devices? (DC.MO.M  Sat+	the MAOP AOPLIMIT Sat	.P) (detail)  Concern	Unsat Unsat	<b>NA</b>	N (
5. Start-Stop Procedures (details sceeded? (DC.MO.MAOPLIMIT.R) (detail)	assure operation within ntrol devices? (DC.MO.M  Sat+	the MAOP AOPLIMIT Sat	.P) (detail)  Concern	Unsat Unsat	<b>NA</b>	N (
5. Start-Stop Procedures (details) 92.605(b)(5)  Solution of pressure-limiting and core 92.605(b)(5)  Solution of pressure-limiting and core 92.605(b)(5)  Solution of pressure-limiting and core 92.605(b)(5)	il) Do records indicate to	the MAOP AOPLIMIT Sat	P) (detail)  Concern  ressure limitati	ions on the	pipeline a	nre not
5. Start-Stop Procedures (details) 92.605(b)(5)  Notes  5. Start-Stop Procedures (details) 92.605(b)(5)  Notes  6. Start-Stop Procedures (details)	il) During startup or shi	the MAOP AOPLIMIT Sat	P) (detail)  Concern  ressure limitati	ions on the	pipeline a	nre not
5. Start-Stop Procedures (detail) 92.605(b)(5)  5. Start-Stop Procedures (detail) 92.605(b)(5)  6. Start-Stop Procedures (detail) 92.605(b)(5)	il) During startup or sha (detail)	the MAOP AOPLIMIT Sat that the pi	P) (detail)  Concern  Concern  Concern	ions on the Unsat	pipeline a	nre not  No
5. Start-Stop Procedures (details) 92.605(b)(5)  Notes  5. Start-Stop Procedures (details) 92.605(b)(5)  Notes	il) During startup or shi	the MAOP AOPLIMIT Sat	P) (detail)  Concern  ressure limitati	ions on the	pipeline a	nre not

192.605(b) (192.751(a); 192.751(b); 192.751(c)	) Sat+	Sat	Concern	Unsat	NA	NC
	,					
Notes						
8. Prevention of Accidental Ig	nition (detail) If app	licable to	the project, w	ere processo	es followe	d where
here exists the potential for accidental ignition? (	DC.MO.IGNITION.O) (detai	1)				
.92.751(a) (192.751(b); 192.751(c))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
9. Tapping Pipelines Under Pr DC.MO.HOTTAP.P) (detail)	<b>essure (detail)</b> Are t	here proce	esses for tappi	ng pipelines	under pr	essure?
DC.MO.HOTTAP.P) (detail)						
92 605/h) (192 627)	Sa+4	Sat	Concern	Uncat	N A	NC
92.605(b) (192.627)	Sat+	Sat	Concern	Unsat	NA	N C
	Sat+	Sat	Concern	Unsat	N A	NC
	Sat+	Sat	Concern	Unsat	NA	N C
	Sat+	Sat	Concern	Unsat	NA	N C
	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
Notes  10. Tapping Pipelines Under P	Pressure (detail) Do					
Notes  10. Tapping Pipelines Under Paccordance with hot tap procedures? (DC.MO.HOT	Pressure (detail) Do					
Notes  10. Tapping Pipelines Under Paccordance with hot tap procedures? (DC.MO.HOT	Pressure (detail) Do	records in	dicate that ho	t taps are p	erformed	in
10. Tapping Pipelines Under Paccordance with hot tap procedures? (DC.MO.HOT.92.627	Pressure (detail) Do	records in	dicate that ho	t taps are p	erformed	in
Notes  10. Tapping Pipelines Under Paccordance with hot tap procedures? (DC.MO.HOT.192.627	Pressure (detail) Do	records in	dicate that ho	t taps are p	erformed	in
10. Tapping Pipelines Under Paccordance with hot tap procedures? (DC.MO.HOT	Pressure (detail) Do	records in	dicate that ho	t taps are p	erformed	in
10. Tapping Pipelines Under Paccordance with hot tap procedures? (DC.MO.HOT.92.627	Pressure (detail) Do	records in	dicate that ho	t taps are p	erformed	in
10. Tapping Pipelines Under Paccordance with hot tap procedures? (DC.MO.HOT.92.627	Pressure (detail) Do TAP.R) (detail) Sat+	records in	dicate that ho	t taps are p	erformed N A	in N C
10. Tapping Pipelines Under Paccordance with hot tap procedures? (DC.MO.HOT.92.627	Pressure (detail) Do TAP.R) (detail) Sat+	records in	dicate that ho	t taps are p	erformed N A	in N C
10. Tapping Pipelines Under P ccordance with hot tap procedures? (DC.MO.HOT 92.627 Notes  11. Tapping Pipelines Under P	Pressure (detail) Do TAP.R) (detail) Sat+	records in	dicate that ho	t taps are p	erformed N A	in NC
10. Tapping Pipelines Under P ccordance with hot tap procedures? (DC.MO.HOT 92.627  Notes  11. Tapping Pipelines Under P rocedures? (DC.MO.HOTTAP.O) (detail)	Pressure (detail) Do TAP.R) (detail)  Sat+  Pressure (detail) Are	records in Sat	Concern	t taps are p	erformed NA	in N C

192.605(b) (192.605(b)(9))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
13. Safety - Maintenance Continues and testing activities					that pipelii	ne
92.605(b) (192.605(b)(9))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
14. Safety - Maintenance Co		ng (det	ail) Are pipel	ine mainten	ance cons	tructio
nd testing activities made in a safe manner? (	(DC.MO.SAFETY.O) (detail)					ı
nd testing activities made in a safe manner? (		ng (det Sat	ail) Are pipel	unsat	ance cons	etruction N C
nd testing activities made in a safe manner? ( 92.605(b) (192.605(b)(9))	(DC.MO.SAFETY.O) (detail)					ı
nd testing activities made in a safe manner? (92.605(b) (192.605(b)(9))	(DC.MO.SAFETY.O) (detail)					ı
nd testing activities made in a safe manner? (92.605(b) (192.605(b)(9))	(DC.MO.SAFETY.O) (detail)					ı
nd testing activities made in a safe manner? (92.605(b) (192.605(b)(9))	(DC.MO.SAFETY.O) (detail)					ı
nd testing activities made in a safe manner? (92.605(b) (192.605(b)(9))	(DC.MO.SAFETY.O) (detail)					1
and testing activities made in a safe manner? (92.605(b) (192.605(b)(9))	(DC.MO.SAFETY.O) (detail)					1
nd testing activities made in a safe manner? (92.605(b) (192.605(b)(9))  Notes	(DC.MO.SAFETY.O) (detail)  Sat+					1
nd testing activities made in a safe manner? (92.605(b) (192.605(b)(9))  Notes	(DC.MO.SAFETY.O) (detail)  Sat+					1
nd testing activities made in a safe manner? (92.605(b) (192.605(b)(9))  Notes  Design and Construction	Sat+  Materials	Sat	Concern	Unsat	NA	N C
nd testing activities made in a safe manner? (92.605(b) (192.605(b)(9))  Notes  Design and Construction  1. New Pipe Qualification (6)	Sat+  Materials	Sat	Concern	Unsat	NA	N C
nnd testing activities made in a safe manner? (192.605(b) (192.605(b)(9))  Notes  Design and Construction	n - Materials  detail) Does the process re	Sat	Concern	Unsat	NA	N C

	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
3. Plastic Pipe (detail) Does the process requ	uire that plastic	pipe be	qualified in acc	cordance wi	th §192	59?
DC.MA.PLASTIC.P) (detail) 92.53(a) (192.53(b); 192.53(c); 192.59(a); 192.59(b);			1			
92.55(a) (192.55(b), 192.55(c), 192.59(a), 192.59(b),	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
4. Plastic Pipe (detail) Do records indicate the	nat plastic pipe	is qualifie	ed in accordan	ce with §1	92.59?	
DC.MA.PLASTIC.R) (detail)						
92.59(a) (192.59(b); 192.59(c))	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
5. Marking of Materials (detail) Does the	process requir	re pipe, va	alves, and fittii	ngs to be m	arked?	
DC.MA.MARKING.P) (detail)						
DC.MA.MARKING.P) (detail) 92.53(a) (192.53(b); 192.53(c); 192.63(a); 192.63(b);	process requir	e pipe, va Sat	Concern	ngs to be m	arked? N A	N C
DC.MA.MARKING.P) (detail) 92.53(a) (192.53(b); 192.53(c); 192.63(a); 192.63(b);						NC
DC.MA.MARKING.P) (detail) 92.53(a) (192.53(b); 192.53(c); 192.63(a); 192.63(b); 92.63(c); 192.63(d))						NC
DC.MA.MARKING.P) (detail) 92.53(a) (192.53(b); 192.53(c); 192.63(a); 192.63(b); 92.63(c); 192.63(d))						NC
DC.MA.MARKING.P) (detail) 92.53(a) (192.53(b); 192.53(c); 192.63(a); 192.63(b); 92.63(c); 192.63(d))						N C
DC.MA.MARKING.P) (detail) 92.53(a) (192.53(b); 192.53(c); 192.63(a); 192.63(b); 92.63(c); 192.63(d))						NC
DC.MA.MARKING.P) (detail) 192.53(a) (192.53(b); 192.53(c); 192.63(a); 192.63(b); 192.63(c); 192.63(d))  Notes  6. Marking of Materials (detail) Are pipe,	Sat+	Sat	Concern	Unsat	NA	NC
DC.MA.MARKING.P) (detail) 92.53(a) (192.53(b); 192.53(c); 192.63(a); 192.63(b); 92.63(c); 192.63(d))  Notes  6. Marking of Materials (detail) Are pipe, DC.MA.MARKING.O) (detail)	Sat+	<b>Sat</b>	Concern	<b>Unsat</b>	NA ntion?	
DC.MA.MARKING.P) (detail) 92.53(a) (192.53(b); 192.53(c); 192.63(a); 192.63(b); 92.63(c); 192.63(d))  Notes  6. Marking of Materials (detail) Are pipe,	Sat+	Sat	Concern	Unsat	NA	N C
DC.MA.MARKING.P) (detail)  92.53(a) (192.53(b); 192.53(c); 192.63(a); 192.63(b);  92.63(c); 192.63(d))  Notes  6. Marking of Materials (detail) Are pipe,  DC.MA.MARKING.O) (detail)	Sat+	<b>Sat</b>	Concern	<b>Unsat</b>	NA ntion?	

192.53(a) (192.53(b); 192.53(c); 192.65(a))	Sat+	Sat	Concern	Unsat	NΑ	NC
Notes						
8. Railroad Transportation of Certain P	ipe (detai	I) Do rec	ords indicate t	hat railroad	transport	ation fo
certain pipe was in accordance with API RP 5L1? (DC.MA.TRAN					c. a.r.op or c.	
192.65(a)	Sat+	Sat	Concern	Unsat	N A	N C
Notes						
9. Railroad Transportation of Certain P	ipe (detai	l) Was/is	pipe loaded a	nd handled	in accorda	ance wi
API RP 5L1? (DC.MA.TRANSPORT.O) (detail)		_				
192.65(a)	Sat+	Sat	Concern	Unsat	N A	N C
Notes						
Design and Construction - Press	ure Tes	ting				
Design and Construction - Press						
1. General - Testing Requirements (de	<b>tail)</b> Does th	ne process				
_	<b>tail)</b> Does th	ne process				
1. General - Testing Requirements (denew segments of pipeline, or return to service segments of pip (detail) 192.605(b) (192.303; 192.503(a); 192.503(b); 192.503(c);	tail) Does the	ne process being relo	ocated or repla	ced? (DC.P	T.PRESSTE	ST.P)
1. General - Testing Requirements (denew segments of pipeline, or return to service segments of pipeletail) 192.605(b) (192.303; 192.503(a); 192.503(b); 192.503(c);	<b>tail)</b> Does th	ne process				
1. General - Testing Requirements (denew segments of pipeline, or return to service segments of pipeletail) 192.605(b) (192.303; 192.503(a); 192.503(b); 192.503(c);	tail) Does the	ne process being relo	ocated or repla	ced? (DC.P	T.PRESSTE	ST.P)
1. General - Testing Requirements (denew segments of pipeline, or return to service segments of pipelidetail)	tail) Does the	ne process being relo	ocated or repla	ced? (DC.P	T.PRESSTE	ST.P)
1. General - Testing Requirements (denew segments of pipeline, or return to service segments of pipeldetail) 192.605(b) (192.303; 192.503(a); 192.503(b); 192.503(c); 192.503(d))	tail) Does the	ne process being relo	ocated or repla	ced? (DC.P	T.PRESSTE	ST.P)
1. General - Testing Requirements (denew segments of pipeline, or return to service segments of pipeldetail) 192.605(b) (192.303; 192.503(a); 192.503(b); 192.503(c); 192.503(d))	tail) Does the	ne process being relo	ocated or repla	ced? (DC.P	T.PRESSTE	ST.P)

2. General - Testing Requirements (deta accordance with §192.503? (DC.PT.PRESSTEST.R) (detail)	ail) Do reco	ords indica	ite that pressu	re testing is	s conducte	d in
192.503(a) (192.503(b); 192.503(c); 192.503(d))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
3. General - Testing Requirements (deta (DC.PT.PRESSTEST.O) (detail)	ail) Is press	sure testir	ng conducted in	n accordanc	ce with §.	192.503?
192.503(a) (192.503(b); 192.503(c); 192.503(d))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
<b>4. Strength Test Requirements for SMN</b> the requirements of §192.505, when pressure testing steel pipe (DC.PT.PRESSTESTHIGHSTRESS.P) (detail)						
192.605(b) (192.303; 192.505(a); 192.505(b); 192.505(c); 192.505(d); 192.505(e))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
5. Strength Test Requirements for SMN accordance with §192.505? (DC.PT.PRESSTESTHIGHSTRESS.R		o. (deta	ail) Is pressui	re testing co	onducted i	n
192.517(a) (192.505(a); 192.505(b); 192.505(c); 192.505(d); 192.505(e))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
6. Strength Test Requirements for SMN accordance with §192.505? (DC.PT.PRESSTESTHIGHSTRESS.O	(S > 30%	o. (deta	ail) Is pressui	re testing co	onducted i	n
192.505(a) (192.505(b); 192.505(c); 192.505(d); 192.505(e))	Sat+	Sat	Concern	Unsat	N A	N C
	1		1			
Notes						

		PRESSTE	·	· ,		
192.303 (192.513(a); 192.513(b); 192.513(c); 192.513(d); 192.605(b))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
8. Test Requirements for Plastic Pipe (daccordance with §192.513? (DC.PT.PRESSTESTPLASTIC.R) (deta	<b>etail)</b> Do	records i	ndicate that pi	ressure test.	ing is cond	ducted
92.517(a) (192.513(a); 192.513(b); 192.513(c); 192.513(d))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
9. Test Requirements for Plastic Pipe (d §192.513? (DC.PT.PRESSTESTPLASTIC.O) (detail)	etail) Is	pressure	testing conduc	ted in accor	dance wit	h
92.513(a) (192.513(b); 192.513(c); 192.513(d))	Sat+	Sat	Concern	Unsat	NA	N C
10. Testing Environmental Requirement					al of the te	est
nedium in a manner that will minimize damage to the environme	Sat+	Sat	Concern		N A	N C
192.303 (192.515(a); 192.515(b); 192.605(b))						
Notes						
Notes  11. Testing Environmental Requirement					e testing a	and
Notes  11. Testing Environmental Requirement medium disposal is conducted in accordance with §192.515? (De					e testing a	and N C
	C.PT.PRESS	TESTENVI	IRON.R) (detai	il)		

192.515(a) (192.515(b))	Sat+	Sat	Concern	Unsat	NΑ	NC
Notes						
13. Strength Testing Records (detail)						
ife of the pipeline, a record of each test performed under §§	192.505 and	192.507?	(DC.PT.PRESS	STESTRECO	RD.P) (det	ail)
.92.303 (192.517(a); 192.605(b))	Sat+	Sat	Concern	Unsat	N A	N C
Notes						
14. Strength Testing Records (detail)				at test recoi	rds are bei	ing ma
and contain information required by §192.517(a). (DC.PT.PRE		, ,				
.92.517(a)	Sat+	Sat	Concern	Unsat	N A	N C
Notes						
Docian and Construction - Pross	ıro Tos	ting .	- Low P	roccur		
Design and Construction - Pressu	ıre Tes	ting ·	- Low P	ressur	·e	
Design and Construction - Pressu						require
1. Strength Test Duration Requireme compliance with the requirements of §192.507, when pressure	nts for SN testing pipe	MYS < 3	30% (deta	<b>il)</b> Does th	e process	require % SMY
1. Strength Test Duration Requireme	nts for SN testing pipe	MYS < 3	30% (deta	<b>il)</b> Does th	e process	require % SMY
1. Strength Test Duration Requireme compliance with the requirements of §192.507, when pressure	nts for SN testing pipe	MYS < 3	30% (deta	<b>il)</b> Does th	e process	require % SMY
1. Strength Test Duration Requireme compliance with the requirements of §192.507, when pressure and at or above 100 psig? (DC.PTLOWPRESS.PRESSTESTLOWS	nts for SN testing pipe (RESS.P) (de	IYS < 3 lines to optial)	30% (deta	<b>il)</b> Does th	e process s than 30	% SMY
1. Strength Test Duration Requirements of §192.507, when pressure and at or above 100 psig? (DC.PTLOWPRESS.PRESSTESTLOWS 192.303 (192.507(a); 192.507(b); 192.507(c); 195.605(b))	nts for SN testing pipe (RESS.P) (de	IYS < 3 lines to optial)	30% (deta	<b>il)</b> Does th	e process s than 30	% SMY
1. Strength Test Duration Requirements of §192.507, when pressure and at or above 100 psig? (DC.PTLOWPRESS.PRESSTESTLOWS 192.303 (192.507(a); 192.507(b); 192.507(c); 195.605(b))	nts for SN testing pipe (RESS.P) (de	IYS < 3 lines to optial)	30% (deta	<b>il)</b> Does th	e process s than 30	% SMY
1. Strength Test Duration Requireme compliance with the requirements of §192.507, when pressure and at or above 100 psig? (DC.PTLOWPRESS.PRESSTESTLOWS	nts for SN testing pipe (RESS.P) (de	IYS < 3 lines to optial)	30% (deta	<b>il)</b> Does th	e process s than 30	% SMY
1. Strength Test Duration Requireme ompliance with the requirements of §192.507, when pressure and at or above 100 psig? (DC.PTLOWPRESS.PRESSTESTLOWS 92.303 (192.507(a); 192.507(b); 192.507(c); 195.605(b))	nts for SN testing pipe (RESS.P) (de	IYS < 3 lines to optial)	30% (deta	<b>il)</b> Does th	e process s than 30	% SMY
1. Strength Test Duration Requirements of §192.507, when pressure and at or above 100 psig? (DC.PTLOWPRESS.PRESSTESTLOWS 92.303 (192.507(a); 192.507(b); 192.507(c); 195.605(b))	nts for SN testing pipe (RESS.P) (de	IYS < 3 lines to optial)	30% (deta	<b>il)</b> Does th	e process s than 30	% SM\

7? (DC.PTLOWPRE	Sat	Concern	Unsat	N A	NC
Satt	Jat	Concern	Olisat	IVA .	I I C
			<b>il)</b> Is press	ure testin	g
		1 1	lineat	NΔ	NC
Suti	Sat	Concern	Olisat		
Operations	< 100 ı	osig (detai	I) Does the	e process i	require
Sa++	Sat.	Concern	Uncat	N A	N C
Заст	Sat	Concern	Ulisat	NA .	14 C
Operations	< 100 ı	osia (detai	l) Do recoi	ds indicat	e that
9(a)? (DC.PTLOW	PRESS.PR	ESSTEST100P	SÍG.R) (det	ail)	
Sat+	Sat	Concern	Unsat	NA	N C
			• •		
Operations			I) Is press	ure testing	7
RESS.PRESSTEST:	100PSIG.	O) (detail)			1
				N A	1
RESS.PRESSTEST:	100PSIG.	O) (detail)			N C
	Sat +  Operations For SN  Sat +  Operations For SN  Sat +	Soments for SMYS < 3 Soments f	ements for SMYS < 30% (detail) SS.PRESSTESTLOWSTRESS.O) (detail) Sat + Sat Concern  Operations < 100 psig (detail)  Sat + Sat Concern  Sat + Sat Concern	ements for SMYS < 30% (detail) Is press SS.PRESSTESTLOWSTRESS.O) (detail)  Sat + Sat Concern Unsat  Operations < 100 psig (detail) Does the ure testing pipelines to operate at less than 100 psig?  Sat + Sat Concern Unsat  Operations < 100 psig (detail) Do recorn 9(a)? (DC.PTLOWPRESS.PRESSTEST100PSIG.R) (detail)	ements for SMYS < 30% (detail) Is pressure testing SS.PRESSTESTLOWSTRESS.O) (detail)  Sat + Sat Concern Unsat NA  Operations < 100 psig (detail) Does the process of the testing pipelines to operate at less than 100 psig?  Sat + Sat Concern Unsat NA  Operations < 100 psig (detail) Do records indicate 19(a)? (DC.PTLOWPRESS.PRESSTEST100PSIG.R) (detail)

8. Testing Environmental Requiremental disposal is conducted in accordance with 192.515? (DC 92.517(a) (192.515(a); 192.515(b))				hat pressure	a tecting a	
8. Testing Environmental Requiremer redium disposal is conducted in accordance with 192.515? (DC 92.517(a) (192.515(a); 192.515(b))	.PTLOWPRES	Ś.PRESST			a testing a	
nedium disposal is conducted in accordance with 192.515? (DC) 92.517(a) (192.515(a); 192.515(b))	.PTLOWPRES	Ś.PRESST			a testing a	
nedium disposal is conducted in accordance with 192.515? (DC) 92.517(a) (192.515(a); 192.515(b))	.PTLOWPRES	Ś.PRESST			e testing a	
nedium disposal is conducted in accordance with 192.515? (DC) 92.517(a) (192.515(a); 192.515(b))	.PTLOWPRES	Ś.PRESST			a testina s	
nedium disposal is conducted in accordance with 192.515? (DC) 92.517(a) (192.515(a); 192.515(b))	.PTLOWPRES	Ś.PRESST			tectina =	
92.517(a) (192.515(a); 192.515(b))		1	ESTEINVIRON.		testing a	ınd
	Juti		Concern		N A	NC
lotes			Concern	Olisat	NA	110
		l				
9. Testing Environmental Requiremer				and mediun	n disposal	
onducted in accordance with 192.515? (DC.PTLOWPRESS.PRES		, ,				T
92.515(a) (192.515(b))	Sat+	Sat	Concern	Unsat	N A	NC
Notes						
10 Chungth Tosting Boomdo (datail)	5			, .		, ,
<b>10. Strength Testing Records (detail)</b> Fe of the pipeline, a record of each test performed under 192.5						
92.303 (192.517(a); 192.605(b))	Sat+	Sat	Concern	Unsat	N A	NC
Notes						
11. Strength Testing Records (detail)					ords are b	eing
nade and contain information required by 192.517(a). (DC.PTLC			1			
92.517(a)	Sat+	Sat	Concern	Unsat	N A	NC
Notes						

## **Design and Construction - Special Permits**

		·				
190.341(d)(2) (Special Permit)	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
Design and Construction -	Training and	Oual	ificatio	n		
1. Covered Tasks - Constructi	_	•			overed tag	eke
relating to "construction-type" maintenance? (DC.			oes the proces	ss include c	overeu tas	,,,,
92.805(a) (Operators OQ program manual)	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
2. Abnormal Operating Condit		ecords sho	ow evaluation o	of qualified	individuals	s for
recognition and reaction to AOCs? (DC.TQ.ABNORN		ecords sho	ow evaluation o		individuals N A	s for N C
recognition and reaction to AOCs? (DC.TQ.ABNORN	MAL.R) (confirm)	I		·		1
2. Abnormal Operating Conditate of the c	MAL.R) (confirm)	I		·		1
recognition and reaction to AOCs? (DC.TQ.ABNORN	MAL.R) (confirm)	I		·		1
recognition and reaction to AOCs? (DC.TQ.ABNORN	MAL.R) (confirm)	I		·		1
recognition and reaction to AOCs? (DC.TQ.ABNORN 192.807(a) (192.803)  Notes	MAL.R) (confirm)  Sat+	Sat	Concern	Unsat	NA	1
ecognition and reaction to AOCs? (DC.TQ.ABNORN.92.807(a) (192.803)  Notes  3. Skills and Knowledge of Pe	AAL.R) (confirm)  Sat+  ersonnel Performin	Sat	Concern	Unsat	N A	N C
ecognition and reaction to AOCs? (DC.TQ.ABNORN 92.807(a) (192.803)  Notes  3. Skills and Knowledge of Peremployees (detail) Are qualification records	AAL.R) (confirm)  Sat+  ersonnel Performin	Sat	Concern	Unsat  Contract	N A	N C
recognition and reaction to AOCs? (DC.TQ.ABNORN 192.807(a) (192.803)  Notes	Sat+  ersonnel Performing s maintained for contracto	Sat  G Cover	Concern  red Tasks	Unsat  Contract	NA ctor OR.R) (de	N C

## 4. Skills and Knowledge of Personnel Performing Covered Tasks - Contractor employees (detail) Do selected contractor individuals performing covered tasks demonstrate adequate skills and knowledge? (DC.TQ.OQCONTRACTOR.O) (detail) 192.805(b) (Operators OQ program manual) Sat+ Sat Concern Unsat NΑ NC Notes 5. Qualification Records - Operator Employee (confirm) Are qualification records maintained for operator personnel? (DC.TQ.RECORDS.R) (confirm) 192.807(a) (Operators OQ program manual) Sat+ Sat Concern Unsat NΑ NC Notes 6. Skills and Knowledge of Personnel Performing Covered Tasks - Operator Employee (detail) Do selected operator individuals performing covered tasks demonstrate adequate skills and knowledge? (DC.TQ.OQPLANEMPLOYEE.O) (detail) 192.805(b) (Operators OQ program manual) Sat+ Sat Concern Unsat NΑ NC Notes 7. Qualification of Personnel who Oversee and Perform Excavations and Backfilling Operations (detail) Do records demonstrate individuals who oversee marking, trenching and backfilling operations are qualified? (DC.TQ.EXCAVATE.R) (detail) NC Sat+ Sat Concern Unsat NΑ 192.807(a) (ADB-06-01) Notes 8. Qualification of Personnel who Oversee and Perform Excavations and Backfilling Operations (detail) Do selected individuals who oversee marking, trenching and backfilling operations demonstrate adequate skills and knowledge? (DC.TQ.EXCAVATE.O) (detail) Sat+ Sat Concern Unsat NC 192.805(b) (ADB-06-01) NΑ Notes

192.807(a) (192.627)	Sat+	Sat	Concern	Unsat	NA	N C
Notes				1		
10. Qualification of Personnel F		ps (det	ail) Do perso	onnel perfor	ming hot i	taps
192.805(b) (192.627)	Sat+	Sat	Concern	Unsat	NA	N C
Notes		1		<u> </u>		
		_		_		
Emergency Preparedness a	and Response	e - En	nergeno	y Res	ponse	<b>e</b>
1. Emergency Plan Review (det	t <b>ail)</b> Does the process i	nclude a r	equirement to	-	-	
1. Emergency Plan Review (det not exceeding 15 months, but at least once each can	t <b>ail)</b> Does the process i lendar year? (EP.ERG.RE	nclude a r VIEW.P) (	requirement to detail)	review the	manual at	t interva
1. Emergency Plan Review (det not exceeding 15 months, but at least once each can	t <b>ail)</b> Does the process i	nclude a r	equirement to	-	-	
<b>1. Emergency Plan Review (det</b> not exceeding 15 months, but at least once each call 192.605(a)	t <b>ail)</b> Does the process i lendar year? (EP.ERG.RE	nclude a r VIEW.P) (	requirement to detail)	review the	manual at	t interva
<b>1. Emergency Plan Review (det</b> not exceeding 15 months, but at least once each call 192.605(a)	t <b>ail)</b> Does the process i lendar year? (EP.ERG.RE	nclude a r VIEW.P) (	requirement to detail)	review the	manual at	t interva
1. Emergency Plan Review (det not exceeding 15 months, but at least once each can	t <b>ail)</b> Does the process i lendar year? (EP.ERG.RE	nclude a r VIEW.P) (	requirement to detail)	review the	manual at	t interva
1. Emergency Plan Review (det not exceeding 15 months, but at least once each can 1.92.605(a)  Notes	tail) Does the process in the proces	nclude a r VIEW.P) ( Sat	requirement to detail) Concern	review the	manual at	N C
1. Emergency Plan Review (det not exceeding 15 months, but at least once each can 1.92.605(a)  Notes  2. Emergency Plan Review (cor	tail) Does the process in the proces	nclude a r VIEW.P) ( Sat	requirement to detail)  Concern	review the	manual at	N C
1. Emergency Plan Review (det not exceeding 15 months, but at least once each call 192.605(a)  Notes  2. Emergency Plan Review (corporocedures as required, and any updates completed	tail) Does the process in the proces	nclude a r VIEW.P) ( Sat	requirement to detail)  Concern	review the	manual at	N C
1. Emergency Plan Review (det not exceeding 15 months, but at least once each call 192.605(a)  Notes  2. Emergency Plan Review (corprocedures as required, and any updates completed 192.605(a)	sail) Does the process in lendar year? (EP.ERG.RE)  Sat +  Infirm) Have annual reverse as appropriate? (EP.ERC)	views been	requirement to detail)  Concern  n conducted of the confirm.	review the	manual at	N C
1. Emergency Plan Review (det not exceeding 15 months, but at least once each call 192.605(a)  Notes  2. Emergency Plan Review (corporocedures as required, and any updates completed	sail) Does the process in lendar year? (EP.ERG.RE)  Sat +  Infirm) Have annual reverse as appropriate? (EP.ERC)	views been	requirement to detail)  Concern  n conducted of the confirm.	review the	manual at	N C
1. Emergency Plan Review (det not exceeding 15 months, but at least once each call 192.605(a)  Notes  2. Emergency Plan Review (corprocedures as required, and any updates completed 192.605(a)	sail) Does the process in lendar year? (EP.ERG.RE)  Sat +  Infirm) Have annual reverse as appropriate? (EP.ERC)	views been	requirement to detail)  Concern  n conducted of the confirm.	review the	manual at	N C
1. Emergency Plan Review (det not exceeding 15 months, but at least once each call 192.605(a)  Notes  2. Emergency Plan Review (corprocedures as required, and any updates completed 192.605(a)	sail) Does the process in lendar year? (EP.ERG.RE)  Sat +  Infirm) Have annual reverse as appropriate? (EP.ERC)	views been	requirement to detail)  Concern  n conducted of the confirm.	review the	manual at	N C
1. Emergency Plan Review (det not exceeding 15 months, but at least once each call 192.605(a)  Notes  2. Emergency Plan Review (corprocedures as required, and any updates completed 192.605(a)  Notes  3. Distribution of Emergency Plan Review (det not exceeding 15 months, but at least once each call 192.605(a)	Tail) Does the process in lendar year? (EP.ERG.RE)  Sat+  Infirm) Have annual related as appropriate? (EP.ERG)  Sat+	views beel G.REVIEW	requirement to detail)  Concern  conducted of R) (confirm)  Concern	review the  Unsat  the emerge  Unsat	manual at NA ency plans	N C
1. Emergency Plan Review (det not exceeding 15 months, but at least once each call 192.605(a)  Notes  2. Emergency Plan Review (corprocedures as required, and any updates completed 192.605(a)  Notes  3. Distribution of Emergency Plan Review (provided the applicable portions of the emergency provided the applicable provided t	Tail) Does the process in lendar year? (EP.ERG.RE)  Sat+  Infirm) Have annual related as appropriate? (EP.ERG)  Sat+	views beel G.REVIEW	requirement to detail)  Concern  conducted of R) (confirm)  Concern	review the  Unsat  the emerge  Unsat  nted above)  firm)	manual at NA ency plans	N C
Notes  2. Emergency Plan Review (corporocedures as required, and any updates completed 192.605(a)  Notes	nfirm) Have annual red as appropriate? (EP.ERC Sat +  Sat +	views beed G.REVIEW Sat	requirement to detail)  Concern  conducted of R) (confirm)  Concern  Firm) (presentation.O) (continuous)	review the  Unsat  the emerge  Unsat  nted above)  firm)	manual at  NA  ency plans  NA	s and NC

192.605(b)(4)	Sat+	Sat	Concern	Unsat	NA	NC
Notes	<u> </u>					
5. Receiving Notices (detail) Do				ceiving, ide	ntifying, a	nd
lassifying notices of events which need immediate		, ,	,	11	<b>N</b> I A	N.C
92.615(a)(1)	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
votes						
6. Receiving Notices (detail) Do	rocorda indicata roccivir	a idantifi	vina elaccifivin	a and comn	munication	. of
otices of events requiring immediate response in a					nunication	1 01
92.615(a)(1)	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
Notes						
Notes						
Notes						
	unication (detail)	Does the	emergency pla	an include p	rocedures	s for
7. Emergency Response Comm						s for
7. Emergency Response Comm stablishing and maintaining adequate means of con EP.ERG.COMMSYS.P) (detail)	mmunication with approp	riate fire,	police, and oti	her public o	fficials?	
7. Emergency Response Comm stablishing and maintaining adequate means of con EP.ERG.COMMSYS.P) (detail)				her public o		s for NC
7. Emergency Response Comm establishing and maintaining adequate means of con EP.ERG.COMMSYS.P) (detail) 92.615(a) (192.615(a)(2))	mmunication with approp	riate fire,	police, and oti	her public o	fficials?	
7. Emergency Response Comm establishing and maintaining adequate means of con EP.ERG.COMMSYS.P) (detail) 92.615(a) (192.615(a)(2))	mmunication with approp	riate fire,	police, and oti	her public o	fficials?	
7. Emergency Response Comm stablishing and maintaining adequate means of con EP.ERG.COMMSYS.P) (detail) 92.615(a) (192.615(a)(2))	mmunication with approp	riate fire,	police, and oti	her public o	fficials?	
	mmunication with approp	riate fire,	police, and oti	her public o	fficials?	
7. Emergency Response Comm establishing and maintaining adequate means of con EP.ERG.COMMSYS.P) (detail) 92.615(a) (192.615(a)(2))  Notes	mmunication with approp	Sat	Concern	Unsat	N A	N C
7. Emergency Response Comm establishing and maintaining adequate means of con EP.ERG.COMMSYS.P) (detail) 92.615(a) (192.615(a)(2))  Notes  8. Emergency Response (detail)	Sat+  Does the emergency p	Sat  Slan includ	Concern  de procedures i	Unsat  Unsat	N A  A prompt	N C
7. Emergency Response Comm stablishing and maintaining adequate means of con EP.ERG.COMMSYS.P) (detail) 92.615(a) (192.615(a)(2))  Notes  8. Emergency Response (detail ffective response to a notice of each type of emerg	Sat+  Does the emergency pency, including gas detection	Sat  Slan includated inside	Concern  de procedures a e or near a bui	Unsat  Unsat	N A  A prompt	N C
7. Emergency Response Comm stablishing and maintaining adequate means of conservations of the stablishing and maintaining adequate means of conservations (detail) 92.615(a) (192.615(a)(2)) Notes  8. Emergency Response (detail ffective response to a notice of each type of emergen directly involving a pipeline facility, or a natural of the stablishing and stables (detail free type)	Sat+  Does the emergency pency, including gas detections described by the series of th	Sat  Slan includated inside	Concern  de procedures a e or near a bui	Unsat  Unsat	N A  A prompt	N C
7. Emergency Response Comm stablishing and maintaining adequate means of con EP.ERG.COMMSYS.P) (detail) 92.615(a) (192.615(a)(2)) Notes	Sat+  Does the emergency pency, including gas detections described by the series of th	Sat  Slan includented inside  NSE.P) (del	Concern  le procedures a e or near a buietail)	Unsat  Unsat	N A  N a  prompt or explos	N C

Sat	(EP.ERG.READ Concern			
		Unsat	NA	N C
<i>quipment,</i> .O) (confir	tools, and ma	terials need	ed at the :	scene of
Sat	Concern	Unsat	NA	NC
	nency plan inclu ORITY.P) (deta		ıres for ta	king
Sat	Concern	Unsat	NA	N C
	lude procedure to life or prop		mergency	shutdow
Sat	Concern	Unsat	N A	N C
the emerg	gency plan incl	ude procedu	ures for m	aking sai
Sat	Concern	Unsat	N A	N C
1				

192 615(a) (192 615(a)(X))	Sat+	Sat	Concern	Unsat	NA	NC
.92.615(a) (192.615(a)(8))	Suti	Jut	Concern	Olisac		110
Notes						
<b>15. Service Outage Restoration (de</b> any service outage? (EP.ERG.OUTAGERESTORE.P) (detail)	tail) Does the e	mergency	plan include p	procedures f	for safely i	restorin
92.615(a) (192.615(a)(9))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
<b>16. Incident Investigation Actions</b> (ander $\hat{A}$ §192.617, if applicable, as soon after the end of the						
	Sat+	Sat	Concern	Unsat	N A	N C
92.013(d) (192.013(d)(10))	Jatt					
	Jacr					
Notes  17. Incident Investigation (detail) adures, including the selection of samples of the failed facility and the selection of the failure and minim detail)	Does the process lity or equipment	include p	rocedures for a	analyzing ac	ccidents a	te, for ti
17. Incident Investigation (detail) allures, including the selection of samples of the failed facility of the detail of the failure and minimidetail)	Does the process lity or equipment	include p	rocedures for a	analyzing ac	ccidents a	te, for ti IS.P)
17. Incident Investigation (detail) ailures, including the selection of samples of the failed facility or pose of determining the causes of the failure and minim detail) 92.617	Does the process lity or equipment izing the possibili	include p for labora ty of recu	rocedures for a tory examinat rrence? (EP.ER	analyzing ac ion, where a G.INCIDEN	ccidents ai appropriat TANALYSI	te, for tl
Notes  17. Incident Investigation (detail) ailures, including the selection of samples of the failed facil	Does the process lity or equipment izing the possibili	include p for labora ty of recu	rocedures for a tory examinat rrence? (EP.ER	analyzing ac ion, where a G.INCIDEN	ccidents ai appropriat TANALYSI	te, for ti IS.P)
17. Incident Investigation (detail) additionally the selection of samples of the failed facility arrows of determining the causes of the failure and minim detail) 92.617	Does the process lity or equipment izing the possibili	include p for labora ty of recu	rocedures for a tory examinat rrence? (EP.ER	analyzing ac ion, where a G.INCIDEN	ccidents ai appropriat TANALYSI	te, for ti IS.P)
17. Incident Investigation (detail) ailures, including the selection of samples of the failed facility our pose of determining the causes of the failure and minim detail) 92.617  Notes  18. Incident Investigation (confirm ancluding the collection of appropriate samples for laborator	Does the process lity or equipment izing the possibility Sat+	include profor laboraty of recursive Sat	rocedures for a tory examinate rence? (EP.ER	analyzing acion, where acion, where aciding analyze aciding ac	ccidents ai appropriat TANALYSI <b>N A</b>	N C
17. Incident Investigation (detail) additional including the selection of samples of the failed facility and the causes of the failure and minimity detail) 92.617 Notes  18. Incident Investigation (confirm	Does the process lity or equipment izing the possibility Sat+	include profor laboraty of recursive Sat	rocedures for a tory examinate rence? (EP.ER	analyzing acion, where acion, where aciding analyze aciding ac	ccidents ai appropriat TANALYSI <b>N A</b>	N C
17. Incident Investigation (detail) ailures, including the selection of samples of the failed facily urpose of determining the causes of the failure and minimidetail) 92.617 Notes  18. Incident Investigation (confirmational of the collection of appropriate samples for laborator cossibility of recurrence, in accordance with its procedures?	Does the process lity or equipment izing the possibility Sat+  1) Do records inductive examination to the possibility of (EP.ERG.INCIDE)	include p for labora ty of recu Sat Sat icate actio determine NTANALYS	cocedures for a tory examinate rence? (EP.ER)  Concern  ons initiated to the causes of the causes of the concern of the confirm	analyzing action, where action, where actions are actions and analyze action of the failure in)	ccidents and appropriate NA	N C

100 (15(1)(0)		T				
192.615(b)(2)	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
<b>20. Emergency Response Training</b> on emergency procedures and verified that the training v (detail)						
192.605(a) (192.615(b)(2))	Sat+	Sat	Concern	Unsat	N A	N C
Notes						
21. Emergency Response Training and knowledge? (EP.ERG.TRAINING.O) (detail)	(detail) Do eme	rgency res	sponse personi	nel demonsi	trate adeq	uate skili
192.615(b)(2)	Sat+	Sat	Concern	Unsat	N A	NC
Notes	ance (confirm				l steps for	reviewin
<b>22. Emergency Response Perform</b> <i>employee activities to determine whether the procedures</i>		ioweu iii e		•		
employee activities to determine whether the procedures (EP.ERG.POSTEVNTREVIEW.P) (confirm)	were effectively fol	1	Concorn	Uncat	N A	N.C
employee activities to determine whether the procedures (EP.ERG.POSTEVNTREVIEW.P) (confirm)		Sat	Concern	Unsat	N A	N C
22. Emergency Response Perform employee activities to determine whether the procedures (EP.ERG.POSTEVNTREVIEW.P) (confirm) 192.615(b)(3)  Notes	were effectively fol	1	Concern	Unsat	N A	NC
employee activities to determine whether the procedures (EP.ERG.POSTEVNTREVIEW.P) (confirm)  192.615(b)(3)  Notes  23. Emergency Response Perform	Sat+	Sat	ords indicate re	eview of em	ployee act	tivities to
employee activities to determine whether the procedures (EP.ERG.POSTEVNTREVIEW.P) (confirm)  192.615(b)(3)  Notes  23. Emergency Response Perform determine whether the procedures were effectively follows	Sat+	Sat	ords indicate re	eview of em	ployee act	tivities to
employee activities to determine whether the procedures (EP.ERG.POSTEVNTREVIEW.P) (confirm)  192.615(b)(3)  Notes	Sat+  ance (confirm  yed in each emerger	Sat  ) Do reco	ords indicate re	eview of em REVIEW.R)	<i>ployee act</i> (confirm)	tivities to

24. Liaison with Public Officials (detail) iaison with appropriate fire, police and other public officials and					anu mam	
192.615(c) (192.615(c)(1); 192.615(c)(2); 192.615(c)(3); 192.615(c)(4); 192.616(c); ADB-05-03)	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
25. Liaison with Public Officials (detail) appropriate fire, police and other public officials and utility owne						
192.605(a) (192.615(c)(1); 192.615(c)(2); 192.615(c)(3); 192.615(c)(4); 192.616(c); ADB-05-03)	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
Facilities and Storage - Compress  1. Compressor Station Design/Constru	i <b>ction - ES</b> blocking gas	SD Gas	Block (corestation and b	<b>nfirm)</b> Do low down th	es each co ne station	ompress piping?
1. Compressor Station Design/Constru	i <b>ction - ES</b> blocking gas	SD Gas	Block (corestation and b	<b>nfirm)</b> Do low down th	es each co ne station	ompress piping?
1. Compressor Station Design/Construstation have an emergency shutdown system that is capable of NOTE: Not required for field compressor stations of 1,000 horse,	i <b>ction - ES</b> blocking gas	SD Gas	Block (corestation and b	<b>nfirm)</b> Do low down th	es each co ne station	ompress piping?
<b>1. Compressor Station Design/Constru</b> Station have an emergency shutdown system that is capable of NOTE: Not required for field compressor stations of 1,000 horse (confirm)	oction - ES blocking gas power (746 k	SD Gas out of the kilowatts)	Block (corestation and bor less. (FS.CS	<b>nfirm)</b> Do low down tl SSYSPROT.I	es each co ne station ESDGASB	ompress piping? LK.O)
1. Compressor Station Design/Construction have an emergency shutdown system that is capable of NOTE: Not required for field compressor stations of 1,000 horses (confirm)  192.167(a)(1)  Notes  2. Compressor Station Design/Construction	Sat+	SD Gas out of the kilowatts) Sat	Block (core station and bor less. (FS.CS	ofirm) Doo low down the SSYSPROT.I Unsat	es each content station ESDGASBI  NA  Does each	ompress piping? LK.O) NC
1. Compressor Station Design/Construction have an emergency shutdown system that is capable of NOTE: Not required for field compressor stations of 1,000 horse (confirm)  192.167(a)(1)  Notes  2. Compressor Station Design/Construction and a location have an emergency shutdown system that is biping at a location where the gas will not create a hazard? (FS.)	Sat+  Iction - ES  Scapable of SCSSYSPROT.	SD Gas SD Gas Safely disc	Block (core station and bor less. (FS.CS)  Concern  Discharge tharging blowder (Concern)	firm) Do low down th SSYSPROT.I  Unsat  (detail) lown gas fro iil)	es each cone station ESDGASBI  NA  Does each cone station	ompress piping? LK.O)  NC
1. Compressor Station Design/Construction have an emergency shutdown system that is capable of NOTE: Not required for field compressor stations of 1,000 horse (confirm)  192.167(a)(1)  Notes  2. Compressor Station Design/Constructions at a location have an emergency shutdown system that is biping at a location where the gas will not create a hazard? (FS.)	Sat+  sction - ES  Source  Sat+	SD Gas out of the cilowatts)  Sat	Block (core station and bor less. (FS.CS)  Concern  Discharge tharging blowd	firm) Do low down th SSYSPROT.I  Unsat  (detail) lown gas fro iil)	es each content station ESDGASBI  NA  Does each	ompress piping? LK.O) NC
1. Compressor Station Design/Construction have an emergency shutdown system that is capable of NOTE: Not required for field compressor stations of 1,000 horses (confirm)  192.167(a)(1)  Notes	Sat+  Iction - ES  Scapable of SCSSYSPROT.	SD Gas SD Gas Safely disc	Block (core station and bor less. (FS.CS)  Concern  Discharge tharging blowder (Concern)	firm) Do low down th SSYSPROT.I  Unsat  (detail) lown gas fro iil)	es each cone station ESDGASBI  NA  Does each cone station	ompress, piping? LK.O)  NC

headers and compressor buildings? (FS.CSSYS	SPROT.ESDGASSD.O) (detail)					
192.167(a)(3)	Sat+	Sat	Concern	Unsat	N A	NC
Notes						
4. Compressor Station De station have an emergency shutdown system protection circuits) near gas headers and with	that is capable of shutting do	vn electric	al facilities (ex	cept emerg	ency and	
192.167(a)(3)(i) (192.167(a)(3)(ii))	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
5. Compressor Station De	esian/Construction - I	SD Loc	ations (cor	n <b>firm)</b> (ni	resented a	above)
which are: 1) Outside the gas area of the stat fenced, 3) And not more than 500 feet (153 n	ency shutdown system that is ion, 2) Near the exit gates, if	capable of the station	f being operate is fenced, or i	ed from at le near emerge	east two le ency exits	ocations , if not
Does each compressor station have an emerg which are: 1) Outside the gas area of the stat fenced, 3) And not more than 500 feet (153 n	ency shutdown system that is ion, 2) Near the exit gates, if neters) from the limits of the	capable of the station station? (F	being operate is fenced, or i S.CSSYSPROT.	ed from at le near emerge ESDLOCATI	east two lo ency exits ION.O) (co	ocations , if not onfirm)
Does each compressor station have an emerg which are: 1) Outside the gas area of the stat fenced, 3) And not more than 500 feet (153 n 192.167(a)(4)  Notes  6. Compressor Station De compressor station that supplies gas directly the emergency shutdown system that will not fund.	ency shutdown system that is ion, 2) Near the exit gates, if neters) from the limits of the start +  Sat+  sign/Construction - Example to a distribution system (with	capable of the station? (F Sat	cion Supply	ed from at le near emerge ESDLOCATI Unsat ESD (de es of gas av	east two loency exits ION.O) (co  NA  Petail) Description of the control of the c	ncations, if not onfirm)  NC  Does each ave an
Does each compressor station have an emerg which are: 1) Outside the gas area of the stat fenced, 3) And not more than 500 feet (153 nd 192.167(a)(4)  Notes  6. Compressor Station De compressor station that supplies gas directly the emergency shutdown system that will not function (detail)	ency shutdown system that is ion, 2) Near the exit gates, if neters) from the limits of the start +  Sat+  sign/Construction - Expression at the wrong time or cause.	capable of the station? (Figure 1) Sat  Distribution other a use uninter	Concern  Concern  Concern  Concern	ed from at lease emerge ESDLOCATI Unsat  v ESD (dees of gas av (FS.CSSYSE	east two loency exits ION.O) (co  NA  Petail) Description of the control of the c	ncations, if not onfirm)  NC  Does each ave an
Does each compressor station have an emerg which are: 1) Outside the gas area of the stat fenced, 3) And not more than 500 feet (153 nd 192.167(a)(4)  Notes  6. Compressor Station De compressor station that supplies gas directly the emergency shutdown system that will not function (detail)	ency shutdown system that is ion, 2) Near the exit gates, if neters) from the limits of the start +  Sat+  sign/Construction - Example to a distribution system (with	capable of the station? (F Sat	cion Supply	ed from at le near emerge ESDLOCATI Unsat ESD (de es of gas av	east two locations (Control of the Control of the C	ocations , if not onfirm) N C
Does each compressor station have an emerg which are: 1) Outside the gas area of the stat fenced, 3) And not more than 500 feet (153 n 192.167(a)(4)  Notes	ency shutdown system that is ion, 2) Near the exit gates, if neters) from the limits of the start +  Sat+  sign/Construction - Expression at the wrong time or cause.	capable of the station? (Figure 1) Sat  Distribution other a use uninter	Concern  Concern  Concern  Concern	ed from at lease emerge ESDLOCATI Unsat  v ESD (dees of gas av (FS.CSSYSE	east two locations (Control of the Control of the C	ocations , if not onfirm) N C

.92.167(c)(1)		Sat+	Sat	Concern	Unsat	NA	NC
Notes		<u>'</u>		<u>'</u>			
ompressor station, locat ctuate automatically in t	ssor Station Design/Constructed offshore or in inland navigable was the event of the following occurrences in the air within the building reaches PSD.O) (detail)	ters, within a l s? 1) When an	ouilding ha uncontrol	ave an emerge led fire occurs	ncy shutdo in the build	wn systen ling and, 2	n that v 2) Whe
92.167(c)(2)		Sat+	Sat	Concern	Unsat	NA	N C
otes							
	ssor Station Design/Constr						
ressure relief or other su	ssor Station Design/Construitable protective devices with sufficient (SPROT.CMPMAOP.O) (detail)						
ressure relief or other su	uitable protective devices with sufficie						
ressure relief or other su 10% of MAOP? (FS.CSS) 92.169(a)	uitable protective devices with sufficie	ent capacity an	d sensitiv	ity so as to pro	otect station	n piping fr	om ex
ressure relief or other su 10% of MAOP? (FS.CSS) 92.169(a)	uitable protective devices with sufficie	ent capacity an	d sensitiv	ity so as to pro	otect station	n piping fr	om ex
ressure relief or other su 10% of MAOP? (FS.CSS) 92.169(a)	uitable protective devices with sufficie	ent capacity an	d sensitiv	ity so as to pro	otect station	n piping fr	om ex
ressure relief or other su 10% of MAOP? (FS.CSS) 92.169(a)	uitable protective devices with sufficie	ent capacity an	d sensitiv	ity so as to pro	otect station	n piping fr	om ex
ressure relief or other su 10% of MAOP? (FS.CSS) 92.169(a) <b>Notes</b>	uitable protective devices with sufficient (1997) (detail)	Sat+	d sensitiv	Concern	Unsat	n piping fr	N (
ressure relief or other su 10% of MAOP? (FS.CSS) 92.169(a) Notes 10. Compr	uitable protective devices with sufficie	Sat+	Sat Relief [	Concern  Discharge (	Unsat  (detail)	N A  Do pressui	N (
ressure relief or other su 10% of MAOP? (FS.CSS) 92.169(a) Notes 10. Compr	uitable protective devices with sufficient YSPROT.CMPMAOP.O) (detail)  essor Station Design/Cons	Sat+	Sat Relief [	Concern  Discharge (	Unsat  (detail) L  CH.O) (deta	N A  Do pressui	N (
ressure relief or other su 10% of MAOP? (FS.CSS) 92.169(a) Notes 10. Compralves exhaust gas to a lo 92.169(b)	uitable protective devices with sufficient YSPROT.CMPMAOP.O) (detail)  essor Station Design/Cons	Sat+  ctruction - la hazard? (FS.	Sat  Relief L  CSSYSPRO	Concern  Discharge (	Unsat  (detail) L  CH.O) (deta	N A  Do pressur il)	N (
ressure relief or other sultow of MAOP? (FS.CSS) 92.169(a) Notes  10. Compralives exhaust gas to a loge.	uitable protective devices with sufficient YSPROT.CMPMAOP.O) (detail)  essor Station Design/Cons	Sat+  ctruction - la hazard? (FS.	Sat  Relief L  CSSYSPRO	Concern  Discharge (	Unsat  (detail) L  CH.O) (deta	N A  Do pressur il)	N N
ressure relief or other su 10% of MAOP? (FS.CSS) 92.169(a) Notes 10. Compr alves exhaust gas to a lo	uitable protective devices with sufficient YSPROT.CMPMAOP.O) (detail)  essor Station Design/Cons	Sat+  ctruction - la hazard? (FS.	Sat  Relief L  CSSYSPRO	Concern  Discharge (	Unsat  (detail) L  CH.O) (deta	N A  Do pressur il)	N N
ressure relief or other sultow of MAOP? (FS.CSS) 92.169(a) Notes  10. Compralives exhaust gas to a loge.	uitable protective devices with sufficient YSPROT.CMPMAOP.O) (detail)  essor Station Design/Cons	Sat+  ctruction - la hazard? (FS.	Sat  Relief L  CSSYSPRO	Concern  Discharge (	Unsat  (detail) L  CH.O) (deta	N A  Do pressur il)	N N
ressure relief or other su 10% of MAOP? (FS.CSS) 92.169(a) Notes  10. Compressives exhaust gas to a logen suppose supp	essor Station Design/Const	Sat+  Sat+  Sat+  Sat+  Sat+	Relief ECSSYSPRO	Concern  Discharge ( DT.RELIEFDISC  Concern	(detail) LEH.O) (deta	N A  Do pressur  II)  N A	ne relie
ressure relief or other su 10% of MAOP? (FS.CSS) 92.169(a) Notes  10. Compressives exhaust gas to a logen suppose supp	uitable protective devices with sufficient (SPROT.CMPMAOP.O) (detail)  essor Station Design/Consection where the gas will not cause to	Sat+  Sat+  Sat+  Sat+  Sat+	Relief ECSSYSPRO	Concern  Discharge ( DT.RELIEFDISC  Concern	(detail) LEH.O) (deta	N A  Do pressur  II)  N A	N(

prevent over-speed of the prime mover or the				T		T
192.171(b)	Sat+	Sat	Concern	Unsat	N A	NC
Notes						
<b>13. Compressor Station De</b> hutdown or alarm devices that will operate in detail)						
92.171(c)	Sat+	Sat	Concern	Unsat	N A	N C
Notes						
uel being automatically shut off and the engine	ith pressure gas injection equ	ipped so t	hat stoppage o	of the engin	e will resu	It in the
ompressor station gas engines that operate would being automatically shut off and the engine 92.171(d)	ith pressure gas injection equ e distribution manifold being v	ipped so t vented? (F	hat stoppage of S.CSSYSPROT	of the engin .CMPGASEN	e will resu IGSD.O) (	<i>lt in the</i> detail)
ompressor station gas engines that operate well being automatically shut off and the engine 92.171(d)  Notes  15. Compressor Station Descriptions of compressor stations equipped with mufflers	ith pressure gas injection eque distribution manifold being v  Sat+  esign/Construction -	ipped so t vented? (F Sat	concern  Gine Muffle	of the engin CMPGASEN Unsat	e will resu IGSD.O) (i	It in the
ompressor station gas engines that operate well being automatically shut off and the engine 92.171(d)  Notes  15. Compressor Station Date of compressor stations equipped with mufflers FS.CSSYSPROT.CMPGASENGMFL.O) (detail)	ith pressure gas injection eque distribution manifold being v  Sat+  esign/Construction -	ipped so t vented? (F Sat	concern  Gine Muffle	of the engin CMPGASEN Unsat	e will resu IGSD.O) (i	It in the detail)  NC
ompressor station gas engines that operate well being automatically shut off and the engine 92.171(d)  Notes	ith pressure gas injection eque distribution manifold being very sat+  Sat+  esign/Construction - that prevent gas from being to	ipped so t rented? (F Sat Gas En rapped in	cs.CSSYSPROT Concern Gine Mufflethe muffler?	of the engin CMPGASEN Unsat	e will resu IGSD.O) (i NA	lt in the detail) NC
ompressor station gas engines that operate we deel being automatically shut off and the engine 92.171(d)  Notes  15. Compressor Station Description of compressor stations equipped with mufflers FS.CSSYSPROT.CMPGASENGMFL.O) (detail) 92.171(e)	esign/Construction - I	Gas Enrapped in	gine Mufflethe muffler?  Concern  Concern	ers (deta  Unsat  Unsat  Detail) Do	e will resulding NA  NA  NA  NA	as engir

92.709(b) (192.709(c); 192.731(a); 192.731(b); 192.731(c))	Sat+	Sat	Concern	Unsat	NΑ	NC
lotes						
18. Compressor Station Design/Constr lief/limiting devices inside a compressor station designed, insta etail)						
92.199 (192.731(a); 192.731(b); 192.731(c))	Sat+	Sat	Concern	Unsat	NA	N C
otes						
		<i>-</i> -				
		?elief (	Canacity (d	etail) Do	nressure	
19. Compressor Station Design/Constr						limit th
lieving/limiting stations located within the confines of a compr	essor station					limit th
lieving/limiting stations located within the confines of a compressures to no more than allowed? (FS.CSSYSPROT.RELIEFCAP	essor station					
lieving/limiting stations located within the confines of a compressures to no more than allowed? (FS.CSSYSPROT.RELIEFCAP	essor station C.O) (detail)	have suf	ficient capacity	and are th	ey set to	N C
elieving/limiting stations located within the confines of a compr ressures to no more than allowed? (FS.CSSYSPROT.RELIEFCAP 92.201(a) (192.201(b); 192.201(c))	essor station C.O) (detail)	have suf	ficient capacity	and are th	ey set to	
dieving/limiting stations located within the confines of a compresessures to no more than allowed? (FS.CSSYSPROT.RELIEFCAP 92.201(a) (192.201(b); 192.201(c))	essor station C.O) (detail)	have suf	ficient capacity	and are th	ey set to	
dieving/limiting stations located within the confines of a compresessures to no more than allowed? (FS.CSSYSPROT.RELIEFCAP 92.201(a) (192.201(b); 192.201(c))	essor station C.O) (detail)	have suf	ficient capacity	and are th	ey set to	
elieving/limiting stations located within the confines of a compr ressures to no more than allowed? (FS.CSSYSPROT.RELIEFCAP 92.201(a) (192.201(b); 192.201(c))	essor station C.O) (detail)	have suf	ficient capacity	and are th	ey set to	
lieving/limiting stations located within the confines of a compresessures to no more than allowed? (FS.CSSYSPROT.RELIEFCAP 92.201(a) (192.201(b); 192.201(c))	essor station C.O) (detail) Sat+	Sat	Concern	Unsat	N A	NO
lieving/limiting stations located within the confines of a compressures to no more than allowed? (FS.CSSYSPROT.RELIEFCAP 22.201(a) (192.201(b); 192.201(c))  lotes  20. Compressor Stations Emergency Station for inspecting and testing compressor station emergency stations.	essor station C.O) (detail) Sat+	Sat  Test (d	Concern	unsat Unsat	N A	NO
lieving/limiting stations located within the confines of a comprisessures to no more than allowed? (FS.CSSYSPROT.RELIEFCAP 22.201(a) (192.201(b); 192.201(c))  lotes  20. Compressor Stations Emergency Station for inspecting and testing compressor station emergency station. CMPESDTEST.P) (detail)	Sat+  nutdown hutdown de	Sat  Test (divices at the	Concern  Concern  letail) Does ne required fre	unsat Unsat the process	N A	<b>N</b> (
lieving/limiting stations located within the confines of a comprisessures to no more than allowed? (FS.CSSYSPROT.RELIEFCAP 22.201(a) (192.201(b); 192.201(c))  lotes  20. Compressor Stations Emergency Station for inspecting and testing compressor station emergency station. CMPESDTEST.P) (detail)	essor station C.O) (detail) Sat+	Sat  Test (d	Concern	unsat Unsat	N A	NO
lieving/limiting stations located within the confines of a comprisessures to no more than allowed? (FS.CSSYSPROT.RELIEFCAP 22.201(a) (192.201(b); 192.201(c))  lotes  20. Compressor Stations Emergency Station for inspecting and testing compressor station emergency Station (192.731(c))  22.605(b) (192.731(c))	Sat+  nutdown hutdown de	Sat  Test (divices at the	Concern  Concern  letail) Does ne required fre	unsat Unsat the process	N A	<b>N</b> C
elieving/limiting stations located within the confines of a compressures to no more than allowed? (FS.CSSYSPROT.RELIEFCAP 92.201(a) (192.201(b); 192.201(c))  Notes	Sat+  nutdown hutdown de	Sat  Test (divices at the	Concern  Concern  letail) Does ne required fre	unsat Unsat the process	N A	<b>N</b> (
lieving/limiting stations located within the confines of a comprisessures to no more than allowed? (FS.CSSYSPROT.RELIEFCAP 22.201(a) (192.201(b); 192.201(c))  lotes  20. Compressor Stations Emergency Station for inspecting and testing compressor station emergency Station (192.731(c))  22.605(b) (192.731(c))	Sat+  nutdown hutdown de	Sat  Test (divices at the	Concern  Concern  letail) Does ne required fre	unsat Unsat the process	N A	<b>N</b> (
clieving/limiting stations located within the confines of a compressures to no more than allowed? (FS.CSSYSPROT.RELIEFCAP 22.201(a) (192.201(b); 192.201(c))  Lotes  20. Compressor Stations Emergency Station for inspecting and testing compressor station emergency Station (192.731(c))  22.605(b) (192.731(c))	Sat+  nutdown hutdown de	Sat  Test (divices at the	Concern  Concern  letail) Does ne required fre	unsat Unsat the process	N A	<b>N</b> (
alieving/limiting stations located within the confines of a compressures to no more than allowed? (FS.CSSYSPROT.RELIEFCAP 22.201(a) (192.201(b); 192.201(c))  Lotes  20. Compressor Stations Emergency Station inspecting and testing compressor station emergency stations. (Sc.CSSYSPROT.CMPESDTEST.P) (detail)  22.605(b) (192.731(c))	Sat+  nutdown hutdown de	Sat  Test (divices at the Sat	Concern  letail) Does ne required fre	the process quency?	NA  NA	n (
Dieving/limiting stations located within the confines of a compressures to no more than allowed? (FS.CSSYSPROT.RELIEFCAP 22.201(a) (192.201(b); 192.201(c))  Dotes  20. Compressor Stations Emergency Station inspecting and testing compressor station emergency stations. (Sc.CSSYSPROT.CMPESDTEST.P) (detail)  22.605(b) (192.731(c))  Dotes  21. Compressor Stations Emergency Sta	ssor station C.O) (detail) Sat+  nutdown hutdown de Sat+	Test (divices at the Sat	Concern  letail) Does ne required fre	the process quency?	NA  Provide a  NA	n (
alieving/limiting stations located within the confines of a compressures to no more than allowed? (FS.CSSYSPROT.RELIEFCAP 22.201(a) (192.201(b); 192.201(c))  Lotes  20. Compressor Stations Emergency Station inspecting and testing compressor station emergency stations. (Sc.CSSYSPROT.CMPESDTEST.P) (detail)  22.605(b) (192.731(c))	ssor station C.O) (detail) Sat+  nutdown hutdown de Sat+	Test (divices at the Sat	Concern  letail) Does ne required fre	the process quency?	NA  Provide a  NA	n (
lieving/limiting stations located within the confines of a compressures to no more than allowed? (FS.CSSYSPROT.RELIEFCAP 12.201(a) (192.201(b); 192.201(c))  lotes  20. Compressor Stations Emergency Station in the confines of a compressor station emergency of the compressor station	ssor station C.O) (detail) Sat+  nutdown hutdown de Sat+	Test (divices at the Sat	Concern  letail) Does ne required fre	the process quency?	NA  Provide a  NA	N (
lieving/limiting stations located within the confines of a compressures to no more than allowed? (FS.CSSYSPROT.RELIEFCAP 12.201(a) (192.201(b); 192.201(c))  lotes  20. Compressor Stations Emergency Statiol for inspecting and testing compressor station emergency SS.CSSYSPROT.CMPESDTEST.P) (detail)  12.605(b) (192.731(c))  21. Compressor Stations Emergency Scument the inspection and testing of all compressor station er	ssor station C.O) (detail) Sat+  nutdown hutdown de  Sat+	Test (divices at the Sat	Concern  letail) Does ne required fre  Concern  Concern	the process quency?  Unsat  Unsat  the process quency?	NA  NA  NA  Ietail) Luency?	n (

(FS.CSSYSPROT.CMPGASDETREQ.P) (detail)	2		0 1		NI A	
192.605(b) (192.736(b))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
<b>23. Compressor Station I</b> detail how gas detection and alarm systems is require performance tests? (FS.CSSYSPROT.	n compressor stations will be m					
192.605(b) (192.736(c))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
Notes  24. Compressor Station I					o records	docum
Notes  24. Compressor Station I that all compressor station gas detection and	alarm systems are being maint				o records	docum
24. Compressor Station I that all compressor station gas detection and (FS.CSSYSPROT.CMPGASDETOM.R) (confirm)	alarm systems are being maint				o records	docum
Notes	alarm systems are being maint	tained and	d tested as req	uired?		
24. Compressor Station I that all compressor station gas detection and (FS.CSSYSPROT.CMPGASDETOM.R) (confirm) 192.709(c) (192.736(c))	Sat+	Sat  Nat	Concern  dequate gas de	Unsat  Unsat	NA	N C
24. Compressor Station In that all compressor station gas detection and FS.CSSYSPROT.CMPGASDETOM.R) (confirm) 192.709(c) (192.736(c)) Notes  25. Compressor Station (	Sat+	Sat  Nat	Concern  dequate gas de	Unsat  Unsat	NA	N C

## **Facilities and Storage - Compressor Stations**

192.163(a) (192.163(b))		Sat+	Sat	Concern	Unsat	NA	NC
192.103(a) (192.103(b))		Jatt	Sat	Concern	Olisat	NA .	140
Notes	l						
2. Compressor Station compressor buildings far enough from the compressor buildings for the compressor buildings fo	adjacent property to minimi.						
buildings from adjacent property? (FS.(	CS.BLDGADJ.O) (detail)	Sat+	Sat	Concern	Unsat	N A	NC
192.163(a)		Заст	Sat	Concern	Ulisat	NA	NC
Notes							
2 Communication Station	- Design (Constructi	Fin	- F:b+	ing Conso	(doto!!)		
							e main
compressor buildings have enough ope (FS.CS.BLDGSPACE.O) (detail)							n C
compressor buildings have enough ope (FS.CS.BLDGSPACE.O) (detail) 192.163(a)		ow for free	moveme	nt of fire-fighti	ng equipme	ent.	
compressor buildings have enough ope (FS.CS.BLDGSPACE.O) (detail)		ow for free	moveme	nt of fire-fighti	ng equipme	ent.	
compressor buildings have enough ope (FS.CS.BLDGSPACE.O) (detail) 192.163(a)		ow for free	moveme	nt of fire-fighti	ng equipme	ent.	
compressor buildings have enough ope (FS.CS.BLDGSPACE.O) (detail) 192.163(a)	n space around them to allow  n Design/Construction of noncombustible material of noncombustible material of a pair of the second of the secon	ow for free  Sat+  on - Bu  ols if it cont	Sat  ilding Nations either	Concern  Materials (der pipe that is	Unsat Unsat  detail) Is	NA NA each buil	N C
compressor buildings have enough oper (FS.CS.BLDGSPACE.O) (detail)  192.163(a)  Notes  4. Compressor Station the compressor station site constructed that contains gas under pressure or con-	n space around them to allow  n Design/Construction of noncombustible material of noncombustible material of a pair of the second of the secon	ow for free  Sat+  on - Bu  ols if it cont	Sat  ilding Nations either	Concern  Materials (der pipe that is	Unsat Unsat  detail) Is	NA NA each buil	N C
Compressor buildings have enough oper (FS.CS.BLDGSPACE.O) (detail)  192.163(a)  Notes  4. Compressor Station the compressor station site constructed that contains gas under pressure or consurposes? (FS.CS.BLDGCMBST.O) (detail)	n space around them to allow  n Design/Construction of noncombustible material of noncombustible material of a pair of the second of the secon	on - Buils if it content other t	Sat  ilding N tains eithe	Concern  Concern  Aaterials (er pipe that is stilization equip	Unsat Unsat  detail) Is more than 2 ment used	N A  Reach built continues in the station of the station	NC
Compressor buildings have enough oper (FS.CS.BLDGSPACE.O) (detail) 192.163(a)  Notes  4. Compressor Station the compressor station site constructed that contains gas under pressure or concurposes? (FS.CS.BLDGCMBST.O) (detail) 192.163(b)	n space around them to allow  n Design/Construction of noncombustible material of noncombustible material of a pair of the second of the secon	on - Buils if it content other t	Sat  ilding N tains eithe	Concern  Concern  Aaterials (er pipe that is stilization equip	Unsat Unsat  detail) Is more than 2 ment used	N A  Reach built continues in the station of the station	NC

outward? (FS.CS.BLDGEXITS.O) (detail)				_			
192.163(c)	Sat	:+	Sat	Concern	Unsat	NA	NC
Notes							
<b>6. Compressor Station I</b> compressor stations have at least two gat any compressor plant open outward and a (FS.CS.FENCEGATES.O) (confirm)	es that provide for easy escap	e to p	place of s	afety, and do g	gates locate	d within 2	
192.163(d)	Sat	+	Sat	Concern	Unsat	NA	N C
Notes							
7. Compressor Station I	Design/Construction -	NFI	PA 70 (	( <b>detail)</b> Doe	es the equip	ment and	wiring
within compressor stations conform to Nat							
within compressor stations conform to Nat permit? (FS.CS.CMPNFPA70.0) (detail)		A 70,					
7. Compressor Station I within compressor stations conform to Nat permit? (FS.CS.CMPNFPA70.0) (detail) 192.163(e)  Notes	tional Electric Code, ANSI/NFP.	A 70,	including	the required	posting or r	eady acce	ess of the
within compressor stations conform to National Programmer (FS.CS.CMPNFPA70.0) (detail) 192.163(e)  Notes  8. Compressor Station Dused to remove entrained liquids at compressor to handle slugs of liquid where the	Sat  Design/Construction - ressor stations have: 1) manual	Sep	Sat  Parator perable n	Concern  Liquid (deneans to remo	Unsat  Unsat  Ptail) Does	N A  S each sepand 2) have	NC NC
within compressor stations conform to Nat permit? (FS.CS.CMPNFPA70.0) (detail) 192.163(e) Notes	Sat  Design/Construction - ressor stations have: 1) manual	Sep ally o	Sat  Parator perable n	Concern  Liquid (deneans to remo	Unsat  Unsat  Ptail) Does	N A  S each sepand 2) have	NC NC

.92.165(b)(3)	Sat+	Sat	Concern	Unsat	NA	N C
lotes						
10. Compressor Station De						
sed to remove entrained liquids at compress S.CS.SPTRCODE.O) (confirm)	or stations manufactured in acc	cordance i	with applicable	codes or re	equiremen	its?
92.165(b)(3)	Sat+	Sat	Concern	Unsat	NA	NO
lotes						
11. Compressor Station D						
uildings ventilated to ensure employees are						
uildings ventilated to ensure employees are letail)						SVENT.
uildings ventilated to ensure employees are letail)	not endangered by accumulation	n of gas i	n enclosed are	as? (FS.CS.	CMPBLDG	
uildings ventilated to ensure employees are letail) 92.173	not endangered by accumulation	n of gas i	n enclosed are	as? (FS.CS.	CMPBLDG	SVENT.
uildings ventilated to ensure employees are letail) 92.173	not endangered by accumulation	n of gas i	n enclosed are	as? (FS.CS.	CMPBLDG	SVENT.
uildings ventilated to ensure employees are detail) 92.173	not endangered by accumulation	n of gas i	n enclosed are	as? (FS.CS.	CMPBLDG	SVENT.
uildings ventilated to ensure employees are detail)  92.173  Notes	not endangered by accumulation  Sat+	n of gas i	Concern	Unsat	N A	N (
uildings ventilated to ensure employees are detail) 92.173 Notes  12. Compressor Station De	Sat+	n of gas i	Concern	Unsat	N A	N (
uildings ventilated to ensure employees are letail) 92.173  Hotes  12. Compressor Station Designed and installed properly? (FS.CS.HOLE)	Sat+	n of gas i	Concern	Unsat	N A	N C
uildings ventilated to ensure employees are letail) 92.173  Hotes  12. Compressor Station Designed and installed properly? (FS.CS.HOLE)	sign/Construction - Hoper.O) (detail)	sat	Concern  detail) Are b	Unsat  Oottle and pi	N A	N C
uildings ventilated to ensure employees are detail) 92.173  Notes  12. Compressor Station Detesigned and installed properly? (FS.CS.HOLE 92.175(a) (192.175(b))	sign/Construction - Hoper.O) (detail)	sat	Concern  detail) Are b	Unsat  Oottle and pi	N A	N C
uildings ventilated to ensure employees are letail) 92.173  Notes  12. Compressor Station Detesigned and installed properly? (FS.CS.HOLD 92.175(a) (192.175(b))	sign/Construction - Hoper.O) (detail)	sat	Concern  detail) Are b	Unsat  Oottle and pi	N A	N (
uildings ventilated to ensure employees are detail)  92.173  Notes  12. Compressor Station Detailed and installed properly? (FS.CS.HOLE 92.175(a) (192.175(b))	sign/Construction - Hoper.O) (detail)	sat	Concern  detail) Are b	Unsat  Oottle and pi	N A	N (
uildings ventilated to ensure employees are letail) 92.173  lotes  12. Compressor Station Detesigned and installed properly? (FS.CS.HOLD 92.175(a) (192.175(b))	sign/Construction - Hoper.O) (detail)	sat	Concern  detail) Are b	Unsat  Oottle and pi	N A	N (
12. Compressor Station De esigned and installed properly? (FS.CS.HOLE 22.175(a) (192.175(b))	sign/Construction - Heberson/Construction - Heberson/C	older (d	detail) Are b	Unsat  Oottle and pi	N A	olders
12. Compressor Station De esigned and installed properly? (FS.CS.HOLD 12.175(a) (192.175(b))  13. Compressor Station De pe type holders located and constructed properly?	Sat+  esign/Construction - Hoperly? (FS.CS.HOLDERLOC.O)	older (d	detail) Are b	oottle and pi Unsat Unsat  etail) Are	N A	olders  NO  Dee and
12. Compressor Station Designed and installed properly? (FS.CS.HOLD 12.175(a) (192.175(b))  13. Compressor Station Designed and installed properly? (FS.CS.HOLD 12.175(a) (192.175(b))	sign/Construction - Heberson/Construction - Heberson/C	older (d	detail) Are b	Unsat  Oottle and pi	N A	olders  NO  Dee and
uildings ventilated to ensure employees are detail)  92.173  Notes  12. Compressor Station De esigned and installed properly? (FS.CS.HOLE 92.175(a) (192.175(b))	Sat+  esign/Construction - Hoperly? (FS.CS.HOLDERLOC.O)	Sat  Older (detail)	detail) Are b	oottle and pi Unsat Unsat  etail) Are	N A  ipe type h  N A	olders

	Sat+	Sat	Concern	Unsat	NA	NO
Notes						
15. Compressor Station Design rocess for start-up and shut-down have sufficient esigned to assure operation within the MAOP limi	detail to ensure start-up a	and shut-	down of compr	essor units	in a mann	ner
miting and control devices? (FS.CS.CMPSUSD.P)						
92.605(b)(5) (192.605(b)(7))	Sat+	Sat	Concern	Unsat	NA	N
Notes						
		_				
16. Compressor Station Desig ufficient detail for maintaining compressor station						
efore returning to service? (FS.CS.CMPMAINT.P)						JJ
92.605(b)(6)	Sat+	Sat	Concern	Unsat	NA	N
Notes						
17. Compressor Stations - St	orage of Combustil	ole Mat	erials (det	ail) (prese	ented abov	ve) <i>Do</i>
he process include requirements for the storage o	f flammable/combustible r	naterials a	and specify tha	at abovegro	und oil or	gasoliı
	f flammable/combustible r	naterials a	and specify tha	at abovegro	und oil or	gasoliı
ne process include requirements for the storage o torage tanks being installed at compressor station DC.COCMP.CMPCOMBUSTIBLE.P) (detail)	f flammable/combustible r	naterials a	and specify tha	at abovegro s required o	und oil or	gasoliı
ne process include requirements for the storage o torage tanks being installed at compressor station DC.COCMP.CMPCOMBUSTIBLE.P) (detail)	f flammable/combustible r ns be protected in accorda	naterials ance with N	and specify tha NFPA No. 30, a	at abovegro s required o	und oil or of 192.735	gasolii 5(b)?
the process include requirements for the storage of torage tanks being installed at compressor station DC.COCMP.CMPCOMBUSTIBLE.P) (detail) 92.303 (192.735(a); 192.735(b))	f flammable/combustible r ns be protected in accorda	naterials ance with N	and specify tha NFPA No. 30, a	at abovegro s required o	und oil or of 192.735	gasolii 5(b)?
the process include requirements for the storage of torage tanks being installed at compressor station DC.COCMP.CMPCOMBUSTIBLE.P) (detail) 92.303 (192.735(a); 192.735(b))	f flammable/combustible r ns be protected in accorda	naterials ance with N	and specify tha NFPA No. 30, a	at abovegro s required o	und oil or of 192.735	gasolii 5(b)?
the process include requirements for the storage of torage tanks being installed at compressor station DC.COCMP.CMPCOMBUSTIBLE.P) (detail) 92.303 (192.735(a); 192.735(b))	f flammable/combustible r ns be protected in accorda	naterials ance with N	and specify tha NFPA No. 30, a	at abovegro s required o	und oil or of 192.735	gasolii 5(b)?
the process include requirements for the storage of torage tanks being installed at compressor station DC.COCMP.CMPCOMBUSTIBLE.P) (detail) 92.303 (192.735(a); 192.735(b))	f flammable/combustible r ns be protected in accorda	naterials ance with N	and specify tha NFPA No. 30, a	at abovegro s required o	und oil or of 192.735	gasolii (b)?
the process include requirements for the storage of torage tanks being installed at compressor station DC.COCMP.CMPCOMBUSTIBLE.P) (detail) 92.303 (192.735(a); 192.735(b))  Notes	f flammable/combustible rans be protected in accordated Sat+	materials ance with N	and specify tha NFPA No. 30, a Concern	at abovegro s required o	und oil or of 192.735 N A	gasolii (b)? N
the process include requirements for the storage of torage tanks being installed at compressor station DC.COCMP.CMPCOMBUSTIBLE.P) (detail)  92.303 (192.735(a); 192.735(b))  Notes  18. Compressor Stations - Stapplicable to the project, are flammable/combustib	f flammable/combustible rans be protected in accordant Sat+  corage of Combustil ble materials stored as req	naterials ance with N Sat  Sleen Mat  wired and	Concern  erials (det aboveground	unsat Unsat  ail) (presoil or gasoli	und oil or of 192.735  NA	gasoli (b)? N
the process include requirements for the storage of torage tanks being installed at compressor station DC.COCMP.CMPCOMBUSTIBLE.P) (detail)  92.303 (192.735(a); 192.735(b))  Notes  18. Compressor Stations - Stapplicable to the project, are flammable/combustibustalled at compressor stations protected in according to the project of the p	f flammable/combustible rans be protected in accordant Sat+  corage of Combustil ble materials stored as req	naterials ance with N Sat  Sleen Mat  wired and	Concern  erials (det aboveground	unsat Unsat  ail) (presoil or gasoli	und oil or of 192.735  NA	gasoli (b)? NO
ne process include requirements for the storage of torage tanks being installed at compressor station DC.COCMP.CMPCOMBUSTIBLE.P) (detail)  92.303 (192.735(a); 192.735(b))  Notes  18. Compressor Stations - Stapplicable to the project, are flammable/combustib	f flammable/combustible rans be protected in accordant Sat+  corage of Combustil ble materials stored as req	naterials ance with N Sat  Sleen Mat  wired and	Concern  erials (det aboveground	unsat Unsat  ail) (presoil or gasoli	und oil or of 192.735  NA	gasolii (b)? N( Ne) Ase tanks
ne process include requirements for the storage of torage tanks being installed at compressor station of the compressor stations.  18. Compressor Stations - Stations of the project, are flammable/combustible stalled at compressor stations protected in according to the project. COCMP.CMPCOMBUSTIBLE.R) (detail)	f flammable/combustible rans be protected in accordance and sat+  Sat+  corage of Combustil ple materials stored as required and a stored as required ance with NFPA No. 30, and a stored as required ance with NFPA No. 30, and a stored as required ance with NFPA No. 30, and a stored as required ance with NFPA No. 30, and a stored as required and a stored a	Sat  Die Mat wired and s required	Concern  Concern  Concern  Concern  Concern  Concern  Concern	unsat Unsat Unsat (ail) (presoil or gasoli (b))?	und oil or of 192.735 NA	gasolii (b)? N(
ne process include requirements for the storage of torage tanks being installed at compressor station of the compressor stations.  18. Compressor Stations - Stations of the project, are flammable/combustible stalled at compressor stations protected in according to the project. COCMP.CMPCOMBUSTIBLE.R) (detail)	f flammable/combustible rans be protected in accordance and sat+  Sat+  corage of Combustil ple materials stored as required and a stored as required ance with NFPA No. 30, and a stored as required ance with NFPA No. 30, and a stored as required ance with NFPA No. 30, and a stored as required ance with NFPA No. 30, and a stored as required and a stored a	Sat  Die Mat wired and s required	Concern  Concern  Concern  Concern  Concern  Concern  Concern	unsat Unsat Unsat (ail) (presoil or gasoli (b))?	und oil or of 192.735 NA	gásolii (b)? N( N( ve) As

	Sat+	Sat	Concern	Unsat	NA	N O
92.735(a) (192.735(b))	Salt	Sat	Concern	Unsat	NA	IN (
lotes						
acilities and Storage - Facilities	Gener	al				
<del>-</del>						
1. Abandonment or Deactivation of Pipe equirements for the abandonment and deactivation of pipelines						adequ
92.605(b)(1) (192.727(a); 192.727(b); 192.727(c); 92.727(d); 192.727(e); 192.727(f); 192.727(g))	Sat+	Sat	Concern	Unsat	N A	N
92.727(d), 192.727(e), 192.727(1), 192.727(g))						
Notes				1		
2. Abandonment or Deactivation of Pipend facilities were abandoned or deactivated in accordance with						pipelir
nd facilities were abandoned or deactivated in accordance with 92.709(c) (192.727(a); 192.727(b); 192.727(c); 192.727(d);				PE.R) (deta		pipelir
nd facilities were abandoned or deactivated in accordance with 92.709(c) (192.727(a); 192.727(b); 192.727(c); 192.727(d);	requirement	s? (MO.G	M.ABANDONPI	PE.R) (deta	il)	T
nd facilities were abandoned or deactivated in accordance with	requirement	s? (MO.G	M.ABANDONPI	PE.R) (deta	il)	T
nd facilities were abandoned or deactivated in accordance with 92.709(c) (192.727(a); 192.727(b); 192.727(c); 192.727(d); 92.727(e); 192.727(f); 192.727(g))	requirement	s? (MO.G	M.ABANDONPI	PE.R) (deta	il)	T
nd facilities were abandoned or deactivated in accordance with 92.709(c) (192.727(a); 192.727(b); 192.727(c); 192.727(d); 92.727(e); 192.727(f); 192.727(g))	requirement	s? (MO.G	M.ABANDONPI	PE.R) (deta	il)	T
nd facilities were abandoned or deactivated in accordance with 92.709(c) (192.727(a); 192.727(b); 192.727(c); 192.727(d); 92.727(e); 192.727(f); 192.727(g))  lotes	Sat+	Sat	M.ABANDONPI Concern	Unsat	NA	N
and facilities were abandoned or deactivated in accordance with 92.709(c) (192.727(a); 192.727(b); 192.727(c); 192.727(d); 92.727(e); 192.727(f); 192.727(g))  Notes  3. Abandonment or Deactivation of Pipe	Sat+	Sat	M.ABANDONPI Concern (detail) We	Unsat	NA	N
and facilities were abandoned or deactivated in accordance with 92.709(c) (192.727(a); 192.727(b); 192.727(c); 192.727(d); 92.727(e); 192.727(f); 192.727(g))  Hotes  3. Abandonment or Deactivation of Piper cilities abandoned in accordance with requirements? (MO.GM., 92.727(a) (192.727(b); 192.727(c); 192.727(d); 192.727(e);	Sat+  e and Fac	Sat Sat Silities (PE.O) (det	M.ABANDONPI Concern (detail) Were ail)	Unsat  re pipeline s	NA  Regments	N and
and facilities were abandoned or deactivated in accordance with 22.709(c) (192.727(a); 192.727(b); 192.727(c); 192.727(d); 22.727(e); 192.727(f); 192.727(g))  Hotes  3. Abandonment or Deactivation of Pipe cilities abandoned in accordance with requirements? (MO.GM.)	Sat+	Sat	M.ABANDONPI Concern (detail) We	Unsat	NA	N

92.183(a) (192.183(b); 192.183(c))	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
5. Design Vault Location (confirm	<b>)</b> Vaults located as re	equired? (	(FS.FG.VAULTL	.OC.O) (con	firm)	
92.185(a) (192.185(b); 192.185(c))	Sat+	Sat	Concern	Unsat	NA	N C
otes	'			'		
6. Design Vault sealing (confirm)	Vaults/pits sealed, v	entilated,	or vented as r	equired? (F	S.FG.VAU	LTSEAL
onfirm)						
92.187(a) (192.187(b); 192.187(c))	Sat+	Sat	Concern	Unsat	NA	N C
Nation .						
Notes						
notes						
votes						
votes						
7. Design Vault Drainage and Wat		nfirm)	Vaults designe	ed to minimi	ize water (	entranc
7. Design Vault Drainage and Wat	ATER.O) (confirm)	-				
7. Design Vault Drainage and Wat		nfirm) Sat	Vaults designe		ize water (	entranc N C
7. Design Vault Drainage and Water of the proper electrical equipment? (FS.FG.VAULTWAS) (192.189(a) (192.189(b); 192.189(c))	ATER.O) (confirm)	-				
7. Design Vault Drainage and Water of the proper electrical equipment? (FS.FG.VAULTWAS) (192.189(a) (192.189(b); 192.189(c))	ATER.O) (confirm)	-				
7. Design Vault Drainage and Water of the proper electrical equipment? (FS.FG.VAULTWAS) (192.189(a) (192.189(b); 192.189(c))	ATER.O) (confirm)	-				
7. Design Vault Drainage and Water of the proper electrical equipment? (FS.FG.VAULTWAS) (192.189(a) (192.189(b); 192.189(c))	ATER.O) (confirm)	-				
7. Design Vault Drainage and Water of the proper electrical equipment? (FS.FG.VAULTWAS) (192.189(a) (192.189(b); 192.189(c))	ATER.O) (confirm)	-				
7. Design Vault Drainage and Water of have proper electrical equipment? (FS.FG.VAULTWARD 189(a) (192.189(b); 192.189(c))  Notes  8. Vault Inspection (detail) Does the	Sat+	Sat	Concern	Unsat	N A	N C
7. Design Vault Drainage and Water of the proper electrical equipment? (FS.FG.VAULTWA 192.189(a) (192.189(b); 192.189(c))  Notes  8. Vault Inspection (detail) Does the polymetric internal content of 200 cubic feet (5.66 cubic	Sat+  Sat+  he process provide act meters) or more that	Sat  dequate data house p	Concern irection for inspressure regula	Unsat	N A	N (
7. Design Vault Drainage and Water of have proper electrical equipment? (FS.FG.VAULTWARD 189(a) (192.189(b); 192.189(c))  Notes  8. Vault Inspection (detail) Does the	ne process provide ac meters) or more that? (FS.FG.VAULTINSPI	Sat  dequate dat house particular formation of the second	irection for inspressure regular	Unsat  pecting vau ating/limiting	<b>NA</b> Its having g equipme	a aent and
7. Design Vault Drainage and Water of have proper electrical equipment? (FS.FG.VAULTWARD) (192.189(a) (192.189(b); 192.189(c))  Notes  8. Vault Inspection (detail) Does the plumetric internal content of 200 cubic feet (5.66 cubic feet inspections to be performed at the required interval	Sat+  Sat+  he process provide act meters) or more that	Sat  dequate data house p	Concern irection for inspressure regula	Unsat	N A	N C

rolumetric internal content of 200 cubic feet (5.66 cubic meters, FS.FG.VAULTINSPECTFAC.R) (confirm)		,				1
.92.709(c) (192.749(a); 192.749(b); 192.749(c); 192.749(d))	Sat+	Sat	Concern	Unsat	N A	N C
Notes						
10. Vault Maintenance (confirm) (presente tubic feet housing pressure regulating/limiting equipment indicate confirm)						
.92.749(a) (192.749(b); 192.749(c); 192.749(d))	Sat+	Sat	Concern	Unsat	NA	NO
Notes						
-acilities and Storage - Gas Stora	ae					
Facilities and Storage - Gas Stora 1. Storage Field Atmospheric Corrosion	Monitori					nte
_	Monitori					nte
1. Storage Field Atmospheric Corrosion nstruction for the inspection of aboveground pipeline segments	Monitori					nte N (
1. Storage Field Atmospheric Corrosion instruction for the inspection of aboveground pipeline segments FS.GS.STORAGEATM.P) (detail)	Monitori located in st	orage field	ds for atmosph	eric corrosi	on?	T
1. Storage Field Atmospheric Corrosion instruction for the inspection of aboveground pipeline segments FS.GS.STORAGEATM.P) (detail) 92.605(b)(2) (192.481(a); 192.481(b); 192.481(c))  Notes  2. Storage field Atmospheric Corrosion	Monitori located in st Sat+	Sat	Concern  firm) Do rec	Unsat  Cords docum	N A	NO
1. Storage Field Atmospheric Corrosion instruction for the inspection of aboveground pipeline segments FS.GS.STORAGEATM.P) (detail) 92.605(b)(2) (192.481(a); 192.481(b); 192.481(c)) Notes	Monitori located in st Sat+	Sat	Concern  firm) Do rec	Unsat  Cords docum	N A	N (
1. Storage Field Atmospheric Corrosion instruction for the inspection of aboveground pipeline segments FS.GS.STORAGEATM.P) (detail) 92.605(b)(2) (192.481(a); 192.481(b); 192.481(c)) Notes  2. Storage field Atmospheric Corrosion boveground pipe located in storage fields for atmospheric corrosion	Monitorii Sat+  Monitorii sion? (FS.GS	Sat  Sat  SSTORAGE	Concern  Firm) Do recent Content Concern	Unsat  Cords docum	N A	N ction o

192.605(b)(2) (192.463(a))	Sat+	Sat	Concern	Unsat	NΑ	NC
Notes						
4. Storage Field External Corrosion Con	trol and N	4onitor	ing (confi	m) Do red	cords indic	ate that
field piping and related storage field facilities are cathodically pi						
192.491(c) (192.455(a); 192.457(a); 192.465(a))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
5. Storage Field External Corrosion Con	trol and N	4onitor	ing (confi	m) Are th	e cathodio	2
protection practices for field piping and related storage field fac	lities adequa	te? (FS.G	S.STORAGECP	.O) (confirm	۱)	
192.463(a)	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
Notes						
Notes						
Notes						
6. Storage Field Internal Corrosion Con						ion
6. Storage Field Internal Corrosion Conmonitoring procedures established for the field piping and relate			s? (FS.GS.STC	RAGEIC.P)		
6. Storage Field Internal Corrosion Con				RAGEIC.P)		ion N C
6. Storage Field Internal Corrosion Conmonitoring procedures established for the field piping and relate	d storage fie	ld facilitie	s? (FS.GS.STC	RAGEIC.P)	(detail)	
6. Storage Field Internal Corrosion Conmonitoring procedures established for the field piping and relate	d storage fie	ld facilitie	s? (FS.GS.STC	RAGEIC.P)	(detail)	
<b>6. Storage Field Internal Corrosion Con</b> monitoring procedures established for the field piping and relate 192.605(b)(2) (192.475(a); 192.475(b); 192.475(c); 192.477)	d storage fie	ld facilitie	s? (FS.GS.STC	RAGEIC.P)	(detail)	
<b>6. Storage Field Internal Corrosion Con</b> monitoring procedures established for the field piping and relate 192.605(b)(2) (192.475(a); 192.475(b); 192.475(c); 192.477)	d storage fie	ld facilitie	s? (FS.GS.STC	RAGEIC.P)	(detail)	
<b>6. Storage Field Internal Corrosion Con</b> monitoring procedures established for the field piping and relate 192.605(b)(2) (192.475(a); 192.475(b); 192.475(c); 192.477)	d storage fie	ld facilitie	s? (FS.GS.STC	RAGEIC.P)	(detail)	
6. Storage Field Internal Corrosion Conmonitoring procedures established for the field piping and related 192.605(b)(2) (192.475(a); 192.475(b); 192.475(c); 192.477)  Notes  7. Storage Field Internal Corrosion Con	Sat+	Id facilitie Sat	ing (detail	PRAGEIC.P) Unsat  Do record	(detail)  NA	N C
6. Storage Field Internal Corrosion Conmonitoring procedures established for the field piping and related 192.605(b)(2) (192.475(a); 192.475(b); 192.475(c); 192.477)  Notes	Sat+	Id facilitie Sat	ing (detail	PRAGEIC.P) Unsat  Do record	(detail)  NA	N C
6. Storage Field Internal Corrosion Conmonitoring procedures established for the field piping and related 192.605(b)(2) (192.475(a); 192.475(b); 192.475(c); 192.477)  Notes  7. Storage Field Internal Corrosion Con	Sat+	Id facilitie Sat	ing (detail	DRAGEIC.P)  Unsat  Do record GEIC.R) (de	(detail)  NA	N C
6. Storage Field Internal Corrosion Conmonitoring procedures established for the field piping and related 192.605(b)(2) (192.475(a); 192.475(b); 192.475(c); 192.477)  Notes  7. Storage Field Internal Corrosion Conciping and related storage field facilities are being protected from	Sat+  trol and No. 10 minternal co	Id facilitie  Sat  Ionitor  rrosion? (	ing (detail	DRAGEIC.P)  Unsat  Do record GEIC.R) (de	(detail)  NA  ds indicate (tail)	N C

192.491(c) (192.475(a))	Sat+	Sat	Concern	Unsat	NA	N C
132.131(c) (132.173(d))	5411	Jut	Concern	Just		
Notes						
<b>9. Storage Field Corrosio</b> the field piping and related storage field fac			rosion inhibito	r program b	een estab	lished fo
192.491(c) (192.477)	Sat+	Sat	Concern	Unsat	N A	NC
1321131(c) (1321177)				0.11040		
Notes						
10. Storage Field Mainte	enance Pigging (detail)	Is mainter	nance pigging u	used to swe	ep the line	es of
<b>10. Storage Field Mainte</b> sediments and/or scale? (FS.GS.MAINTENA		Is mainter	nance pigging ι	used to swe	ep the line	es of
		Is mainter	Concern	used to swee	ep the line	es of
sediments and/or scale? (FS.GS.MAINTENA	NCEPIG.R) (detail)	1				1
sediments and/or scale? (FS.GS.MAINTENA 192.491(c) (192.477)	NCEPIG.R) (detail)	1				1
sediments and/or scale? (FS.GS.MAINTENA	NCEPIG.R) (detail)	1				1
sediments and/or scale? (FS.GS.MAINTENA 192.491(c) (192.477)	NCEPIG.R) (detail)	1				1
sediments and/or scale? (FS.GS.MAINTENA 192.491(c) (192.477)  Notes	Sat+	Sat	Concern	Unsat	NA	N C
sediments and/or scale? (FS.GS.MAINTENA 192.491(c) (192.477)	Sat+	Sat	Concern	Unsat	NA	N C
Sediments and/or scale? (FS.GS.MAINTENAL 192.491(c) (192.477)  Notes  11. Storage Field Gas and sears? (FS.GS.FACILITYUPSET.R) (detail)	Sat+	Sat	Concern	Unsat Number of	NA	N C
Sediments and/or scale? (FS.GS.MAINTENAL 192.491(c) (192.477)  Notes  11. Storage Field Gas and sears? (FS.GS.FACILITYUPSET.R) (detail)	Sat+	Sat	Concern	Unsat Number of	NA	N C
Sediments and/or scale? (FS.GS.MAINTENA 192.491(c) (192.477)  Notes  11. Storage Field Gas and Avears? (FS.GS.FACILITYUPSET.R) (detail)	Sat+	Sat	Concern	Unsat Number of	NA	N C
In Storage Field Gas and Vears? (FS.GS.MAINTENAL Storage Field Gas and Vears? (FS.GS.MAINTENAL Storage Field Gas and Vears? (FS.GS.FACILITYUPSET.R) (detail)	Sat+	Sat	Concern	Unsat Number of	NA	N C
In Storage Field Gas and Vears? (FS.GS.MAINTENAL Storage Field Gas and Vears? (FS.GS.MAINTENAL Storage Field Gas and Vears? (FS.GS.FACILITYUPSET.R) (detail)	Sat+	Sat	Concern	Unsat Number of	NA	N C
In Storage Field Gas and Vears? (FS.GS.MAINTENAL Storage Field Gas and Vears? (FS.GS.MAINTENAL Storage Field Gas and Vears? (FS.GS.FACILITYUPSET.R) (detail)	Sat+	Sat	Concern	Unsat Number of	NA	N C
11. Storage Field Gas and years? (FS.GS.MAINTENA 192.491(c) (192.477)  Notes  11. Storage Field Gas and years? (FS.GS.FACILITYUPSET.R) (detail) 192.709(c)  Notes  12. Storage Field Failure	Sat+  Sat+  Sat+  Sat+	ty Upse	cts (detail)	Number of	NA upsets -	past 3
11. Storage Field Gas and vears? (FS.GS.MAINTENAR 192.491(c) (192.477)  Notes  11. Storage Field Gas and vears? (FS.GS.FACILITYUPSET.R) (detail) 192.709(c)  Notes  12. Storage Field Failure the past 5 years? (FS.GS.FAILURERUPTURE	Sat+  And Liquid Handling Facili  Sat+  E and Rupture History (GER) (detail)	ty Upse Sat	Concern  ets (detail)  Concern	Number of Unsat  es or ruptur	NA  upsets -	past 3  NC
11. Storage Field Gas and Pears? (FS.GS.MAINTENAR Pears? (FS.GS.MAINTENAR Pears? (FS.GS.FACILITYUPSET.R) (detail) 192.709(c)  Notes  12. Storage Field Failure	Sat+  Sat+  Sat+  Sat+	ty Upse	cts (detail)	Number of Unsat  es or ruptur	NA upsets -	past 3

92.709(a)	Sat+	Sat	Concern	Unsat	NA	NC
lotes				1		
14. Storage Field Line Replacer years? (FS.GS.LINEREPLACE.R) (detail)	ment (detail) Have	any stora	ge field pipelin	es been rep	laced ove	r the pa
92.709(a)	Sat+	Sat	Concern	Unsat	NA	N C
lotes						
, , ,	(confirm) Are leak su	Sat	Concern		N A	N C
S.GS.LEAKSURVEY.P) (confirm) 02.605(e) (192.706)						1
SS.GS.LEAKSURVEY.P) (confirm) 92.605(e) (192.706)  Notes  16. Storage Field Leak Survey (	Sat+	Sat	Concern	Unsat	NA	1
16. Storage Field Leak Survey (S.GS.LEAKSURVEY.R) (confirm)	Sat+	Sat	Concern	Unsat	NA	1
S.GS.LEAKSURVEY.P) (confirm) 92.605(e) (192.706) Notes	Sat+	Sat	Concern t storage field	Unsat	<b>N A</b> //s?	NC
16. Storage Field Leak Survey (S.GS.LEAKSURVEY.P) (confirm)  16. Storage Field Leak Survey (S.GS.LEAKSURVEY.R) (confirm)  22.709(c) (192.706)	Sat+  (confirm) Do records  Sat+	documen	t storage field	leak survey	NA /s?	N C
S.GS.LEAKSURVEY.P) (confirm)  12.605(e) (192.706)  16. Storage Field Leak Survey (S.GS.LEAKSURVEY.R) (confirm)  12.709(c) (192.706)	Sat+  (confirm) Do records  Sat+	document Sat	t storage field  Concern	leak survey Unsat	NA  /s?  NA	N C

(FS.GS.VALVEREPLACE.R) (detail) 192.709(b) (192.745(b))		Sat+	Sat	Concern	Unsat	NA	N C
192.709(0) (192.743(0))		Заст	Sat	Concern	Ulisat	NA	NC
Notes							
Facilities and Sto	rage - Valves						
1. Valve Maintena	nce (detail) Does the p				smission lin	ne valves b	pe
	t the correct interval? (FS.V)	A.CMPVLVIESI	) (acca.	.,			
nspected and partially operated a	-	Sat+	Sat	Concern	Unsat	NA	N C
nspected and partially operated a 92.605(b) (192.745(a); 192.745	-		I .		Unsat	NA	N C
nspected and partially operated a 192.605(b) (192.745(a); 192.745  Notes	-		I .		Unsat	NA	N C
nspected and partially operated a .92.605(b) (192.745(a); 192.745	-		I .		Unsat	N A	N C
nspected and partially operated a 92.605(b) (192.745(a); 192.745 Notes	(b))	Sat+	Sat	Concern			
nspected and partially operated as 92.605(b) (192.745(a); 192.745  Notes  2. Valve Maintena	(b))  Ince (confirm) Do recor	Sat+	Sat	Concern  t that compres	ssor transm		
nspected and partially operated as 92.605(b) (192.745(a); 192.745  Notes  2. Valve Maintena ave been inspected and partially	nce (confirm) Do record operated at the correct inter	Sat+	Sat	Concern  t that compres	ssor transm		
nspected and partially operated as 192.605(b) (192.745(a); 192.745  Notes  2. Valve Maintena ave been inspected and partially 192.709(c) (192.745(a); 192.745	nce (confirm) Do record operated at the correct inter	Sat+  rds adequately rval? (FS.VA.C	documen MPVLVTES	t that compres	ssor transm	ission line	valves
nspected and partially operated a .92.605(b) (192.745(a); 192.745 Notes	nce (confirm) Do record operated at the correct inter	Sat+  rds adequately rval? (FS.VA.C	documen MPVLVTES	t that compres	ssor transm	ission line	valves
nspected and partially operated as 192.605(b) (192.745(a); 192.745  Notes  2. Valve Maintena ave been inspected and partially 192.709(c) (192.745(a); 192.745	nce (confirm) Do record operated at the correct inter	Sat+  rds adequately rval? (FS.VA.C	documen MPVLVTES	t that compres	ssor transm	ission line	valves
nspected and partially operated as 92.605(b) (192.745(a); 192.745  Notes  2. Valve Maintena ave been inspected and partially 92.709(c) (192.745(a); 192.745	nce (confirm) Do record operated at the correct inter	Sat+  rds adequately rval? (FS.VA.C	documen MPVLVTES	t that compres	ssor transm	ission line	valves
nspected and partially operated as 92.605(b) (192.745(a); 192.745  Notes  2. Valve Maintena ave been inspected and partially 92.709(c) (192.745(a); 192.745  Notes	(b))  Ince (confirm) Do record operated at the correct interest (b))  Ince (confirm) Are come	rds adequately rval? (FS.VA.C	documen MPVLVTES Sat	t that compres	ssor transm	ission line	valves N C
nspected and partially operated as 92.605(b) (192.745(a); 192.745  Notes  2. Valve Maintena ave been inspected and partially 92.709(c) (192.745(a); 192.745  Notes  3. Valve Maintena	(b))  Ince (confirm) Do record operated at the correct interest (b))  Ince (confirm) Are come	rds adequately rval? (FS.VA.C	documen MPVLVTES Sat	t that compres	ssor transm	ission line	valves N C

## **Integrity Management - Baseline Assessments**

102 010/b) /102 021/a), 102 021/a), 102 021/b))	C	C - L	Con	Uncst	NI A	N.C
192.919(b) (192.921(a); 192.921(c); 192.921(h))	Sat+	Sat	Concern	Unsat	NA	NC
Notes		I				
2. IM Baseline Assessments - Methods ( specified for each covered segment is best suited for identifying segment? (IM.BA.BAMETHODS.R) (detail)	anomalies a	ssociated	with specific tl	hreats ident	ified for th	ne
92.947(c) (192.919(b); 192.921(a); 192.921(c); 192.921(h))	Sat+	Sat	Concern	Unsat	NA	NC
Notes		l				ı
<b>3. IM Baseline Assessments - Prioritized</b> For completing the assessment activities for all covered segments the schedule? (IM.BA.BASCHEDULE.P) (detail)						
102 017(a) (102 010(a): 102 021(b))	C-+ !	Sat	Concern	Unaat	NA	NC
192.917(C) (192.919(C), 192.921(U))	Sat+	Jat	Concern	Unsat	IIA	NC
	Sat+	341	Concern	Unsat	NA .	NC
Notes  4. IM Baseline Assessments - Prioritized contains a schedule for completing the assessment activities for crisk factors in the prioritization of the schedule as required by the	I Schedu	le (con	<b>firm)</b> Do rec that appropria	ords demor	nstrate tha	at the BA
A. IM Baseline Assessments - Prioritized contains a schedule for completing the assessment activities for cisk factors in the prioritization of the schedule as required by the	I Schedu	le (con	<b>firm)</b> Do rec that appropria	ords demor tely conside (confirm)	nstrate tha	at the BA
Notes  4. IM Baseline Assessments - Prioritized contains a schedule for completing the assessment activities for a	Schedu all covered se process? (	le (con segments IM.BA.BA	<b>firm)</b> Do rec that appropria SCHEDULE.R)	ords demor tely conside (confirm)	nstrate tha ered the a <sub>l</sub>	t the BA
4. IM Baseline Assessments - Prioritized contains a schedule for completing the assessment activities for cisk factors in the prioritization of the schedule as required by the 192.947(c) (192.917(c); 192.919(c); 192.921(b))  Notes  5. IM Baseline Assessments - New HCAs	Schedu all covered se process? ( Sat+	le (con segments IM.BA.BA Sat	firm) Do recthat appropria SCHEDULE.R) Concern	cords demor tely conside (confirm) Unsat	nstrate tha ered the ap N A	nt the Bapplicable  NC
4. IM Baseline Assessments - Prioritized contains a schedule for completing the assessment activities for cisk factors in the prioritization of the schedule as required by the 192.947(c) (192.917(c); 192.919(c); 192.921(b))  Notes	Schedu all covered se process? ( Sat+	le (con segments IM.BA.BA Sat	firm) Do recthat appropria SCHEDULE.R) Concern	tail) Does	nstrate tha ered the ap N A	nt the Bapplicable  NC

confirm)	C-1:	0-1			AL A	N.C
.92.947(d) (192.905(c); 192.911(p); 192.921(f); 192.921(g))	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
7. IM Baseline Assessments - Environm equirements for conducting integrity assessments (baseline an afety risks? (IM.BA.BAENVIRON.P) (detail)						
92.911(o) (192.919(e))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
8. IM Baseline Assessments - Environm hat integrity assessments (baseline and reassessment) have b						
8. IM Baseline Assessments - Environn						
8. IM Baseline Assessments - Environm hat integrity assessments (baseline and reassessment) have b isks? (IM.BA.BAENVIRON.R) (detail) 92.947(d) (192.911(o); 192.919(e))  Notes	Sat+	d in a ma	Concern	unsat	N A	N C
8. IM Baseline Assessments - Environm hat integrity assessments (baseline and reassessment) have b isks? (IM.BA.BAENVIRON.R) (detail) 92.947(d) (192.911(o); 192.919(e))	Sat+	safety R	Concern	Unsat ii) From fie	N A  N d  eld observ	NC
8. IM Baseline Assessments - Environm hat integrity assessments (baseline and reassessment) have b isks? (IM.BA.BAENVIRON.R) (detail) 92.947(d) (192.911(o); 192.919(e))  Notes  9. IM Baseline Assessments - Environm	Sat+	safety R	Concern	Unsat ii) From fie	N A  N d  eld observ	NC

## **Integrity Management - Continual Evaluation and Assessment**

1. Periodic Evaluations (detail) Does the pr integrity based on data integration and risk assessment to identif represented by these threats? (IM.CA.PERIODICEVAL.P) (detail)						
192.937(b) (192.917(a); 192.917(b); 192.917(c); 192.917(d); 192.917(e))	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
2. Periodic Evaluations (confirm) Do recombeen performed based on data integration and risk assessment to represented by these threats? (IM.CA.PERIODICEVAL.R) (confirm	identify th					
192.947(d) (192.917(a); 192.917(b); 192.917(c); 192.917(d); 192.917(e); 192.937(b))	Sat+	Sat	Concern	Unsat	N A	N C
Notes						
3. IM Continual Assessments - Methods method(s) consistent with the requirements in 192.937(c)? (IM.C				ablishing re	assessmer	nt
192.937(c) (192.931)	Sat+	Sat	Concern	Unsat	NA	N C
4. IM Continual Assessments - Methods	(detail)	Do recon	ds document t	he assessm	ent metho	ds to be
used and the rationale for selecting the appropriate assessment n	nethod? (IN	1.CA.REAS	SESSMETHOD	o.R) (detail)		
192.947(d) (192.937(c))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
<b>5. Low Stress Reassessments (detail)</b> Discreassessment" method to address threats of external and/or inter(IM.CA.LOWSTRESSREASSESS.P) (detail)						
192.941(a) (192.941(b); 192.941(c))	Sat+	Sat	Concern	Unsat	N A	N C
Notes	1			1		1

	_	_	1_			Ι .
192.947(d) (192.941(a); 192.941(b); 192.941(c))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
7. Reassessment Intervals (detail) Is the with 192.939 and ASME B31.8S-2004? (IM.CA.REASSESSINTER)			ning the reasse	essment inte	ervals cons	sistent
192.937(a) (192.939(a); 192.939(b); 192.913(c))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
8. Reassessment Intervals (detail) Do reconsistent with the requirements of the operator's procedures? (					were esta	ablished
192.947(d) (192.937(a); 192.939(a); 192.939(b); 192.913(c))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
9. Waiver from Reassessment Interval requirements for reassessment interval waivers? (IM.CA.REASSE				<b>ail)</b> Does t	he proces	s includ
192.943(a) (192.943(b))	Sat+	Sat	Concern	Unsat	N A	N C
Notes						
Notes						
	l in Limit					
10. Waiver from Reassessment Interva that reassessment interval waivers have been adequately implen		piicabier	`			
		Sat	Concern	Unsat	NA	NC

### 11. Deviation from Reassessment Requirements based on Exceptional Performance

(detail) Does the process include requirements for deviations from reassessment requirements based on exceptional performance? (IM.CA.REASSESSEXCPERF.P) (detail)

192.913(a) (192.913(b); 192.913(c))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
12. Deviation from Reassessment Requi	irements	s based	on Except	ional Pe	rformar	ice

(detail) Do records demonstrate that deviations from reassessment requirements are based on exceptional performance and have been adequately handled, if applicable? (IM.CA.REASSESSEXCPERF.R) (detail)

192.947(d) (192.913(a); 192.913(b); 192.913(c))	Sat+	Sat	Concern	Unsat	N A	NC
Notes						

## **Integrity Management - High Consequence Areas**

1. IM High Consequence Areas - HCA Identification (detail) Does the process include the methods defined in 192.903 High Consequence Area (1) and/or 192.903 High Consequence Area (2) to be applied to each pipeline for the identification of high consequence areas? (IM.HC.HCAID.P) (detail)

192.905(a)	Sat+	Sat	Concern	Unsat	N A	N C
Notes						

2. IM High Consequence Areas - HCA Identification (detail) Do records demonstrate that the identification of pipeline segments in high consequence areas was completed by December 17, 2004 in accordance with process requirements? (IM.HC.HCAID.R) (detail)

192.947(d) (192.905(a); 192.907(a); 192.911(a))	Sat+	Sat	Concern	Unsat	NA	NC
Notes						

92.903 (192.905(a))	Sat+	Sat	Concern	Unsat	NΑ	N C
				0.11000		
lotes						
4. IM High Consequence Areas - Potentia	al Impac	t Radiu	s (detail) /	Do records i	demonstra	to the
f potential impact radius (PIR) for establishment of high conseq M.HC.HCAPIR.R) (detail)						te the
92.947(d) (192.903; 192.905(a))	Sat+	Sat	Concern	Unsat	NA	N C
lotes						
lotes						
5. IM High Consequence Areas - Identifi lentified sites include the sources listed in 192.905(b) for those						
92.903 and require the source(s) of information selected to be						,
92.903 (192.905(b))	Sat+	Sat	Concern	Unsat	NA	N
Notes						
totes						
6. IM High Consequence Areas - Identifi		(confir	<b>m)</b> Do record	ls indicate id	dentificatio	on of
lentified sites being performed as required? (IM.HC.HCASITES.F		(confir	m) Do record	ls indicate id	dentificatio	on of
lentified sites being performed as required? (IM.HC.HCASITES.F	R) (confirm)	_				1
6. IM High Consequence Areas - Identifidentified sites being performed as required? (IM.HC.HCASITES.F92.947(d) (192.903; 192.905(b))	R) (confirm)	_				1
dentified sites being performed as required? (IM.HC.HCASITES.F92.947(d) (192.903; 192.905(b))	R) (confirm)	_				
dentified sites being performed as required? (IM.HC.HCASITES.F92.947(d) (192.903; 192.905(b))	R) (confirm)	_				
entified sites being performed as required? (IM.HC.HCASITES.F 92.947(d) (192.903; 192.905(b))  Notes	Sat+	Sat	Concern	Unsat	N A	N
Pentified sites being performed as required? (IM.HC.HCASITES.F. 192.947(d) (192.903; 192.905(b))  Notes  7. IM High Consequence Areas - Identifictegrity management process adequate for application of 192.905	Sat+	Sat	Concern	Unsat	NA (detai	N (
entified sites being performed as required? (IM.HC.HCASITES.F 92.947(d) (192.903; 192.905(b))  Notes  7. IM High Consequence Areas - Identif	Sat+	Sat	Concern	Unsat  Ocations)  o (1) for ide	NA (detai	N (
Pentified sites being performed as required? (IM.HC.HCASITES.F. 192.947(d) (192.903; 192.905(b))  Notes  7. IM High Consequence Areas - Identify tegrity management process adequate for application of 192.90 (M.HC.HCAMETHOD1.P) (detail)	Sat+  ication M 33 High Con	Sat lethod :	Concern  1 (Class Lo	Ocations)	N A  (detai	N (

IQ2 Q47(d) (1Q2 Q03 (1)(i)+ 1Q2 Q03(1)(ii)+ 1Q2 Q03(1)(ii)+						
l92.947(d) (192.903 (1)(i); 192.903(1)(ii); 192.903(1)(iii); l92.903(1)(iv))	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
9. IM High Consequence Areas - Identi (detail) Is the integrity management process adequate for a dentification of HCAs? (IM.HC.HCAMETHOD2.P) (detail)			-	-		-
192.903(2)(i) (192.903(2)(ii))	Sat+	Sat	Concern	Unsat	NA	N
Notes						
was adequate? (IM.HC.HCAMETHOD2.R) (detail)						
	Sat+	Sat	Concern	Unsat	NA	N (
Notes						
Notes  11. IM High Consequence Areas - Newly requirement for evaluation of newly identified areas that may slim.HC.HCANEW.P) (detail)	/ Identifie	ed HCAs	s (detail) [	Does the pro	ocess inclu	
Notes  11. IM High Consequence Areas - Newly requirement for evaluation of newly identified areas that may sl	/ Identifie	ed HCAs	s (detail) [	Does the pro	ocess inclu	rde a area?
11. IM High Consequence Areas - Newly requirement for evaluation of newly identified areas that may sl IM.HC.HCANEW.P) (detail) 192.905(c)	/ Identifie	ed HCAs	s (detail) I	Does the pro a high cons	ocess inclu equence a	ide a area?
11. IM High Consequence Areas - Newly requirement for evaluation of newly identified areas that may standard IM.HC.HCANEW.P) (detail)  12. IM High Consequence Areas - Newly revaluations of newly identified areas that may show that a piper	/ Identifience that a pip	ed HCAs peline seg Sat	s (detail) I ment impacts Concern	Does the pro a high cons Unsat	ncess inclu requence a NA	nde a nrea? No
11. IM High Consequence Areas - Newly requirement for evaluation of newly identified areas that may sl IM.HC.HCANEW.P) (detail) 192.905(c) Notes	/ Identifience that a pip	ed HCAs peline seg Sat	s (detail) I ment impacts Concern	Does the pro a high cons Unsat	ncess inclu requence a NA	nde a nrea? No

92.905(c)	Sat+	Sat	Concern	Unsat	NΑ	NC
	3411	Sat	Concern	Olisat	· · ·	
lotes						
integrity Management - Preve	entive and	Mitig	gative N	1easu	res	
1 D&M Mongueros - Conoral Doquire	monte (detail	I) Daga 4	h			idontif
1. P&M Measures - General Require	itigate the consequ	ences of	ne process inc a pipeline failu	re in a high	conseque	nce are
M.PM.PMMGENERAL.P) (detail) 92.935(a)	Sat+	Sat	Concern	Unsat	N A	NC
(1)				0.11000		
Notes						
2. P&M Measures - General Require	ements (confi	rm) Do l	records demor	strate that	additional	measu
2. P&M Measures - General Require  ave been identified and implemented (or scheduled) beyon it is at the consequences of a pineline failure in an HCA2	ond those already i	required b	y Part 192 to			
ave been identified and implemented (or scheduled) beyonitigate the consequences of a pipeline failure in an HCA?	ond those already i (IM.PM.PMMGENE	required b RAL.R) (c	oy Part 192 to ponfirm)	prevent a p	ipeline fail	ure and
ave been identified and implemented (or scheduled) beyon itigate the consequences of a pipeline failure in an HCA?	ond those already i	required b	y Part 192 to			ure and
ave been identified and implemented (or scheduled) beyonitigate the consequences of a pipeline failure in an HCA? 92.947(d) (192.935(a))	ond those already i (IM.PM.PMMGENE	required b RAL.R) (c	oy Part 192 to ponfirm)	prevent a p	ipeline fail	
ave been identified and implemented (or scheduled) beyo itigate the consequences of a pipeline failure in an HCA? 92.947(d) (192.935(a))	ond those already i (IM.PM.PMMGENE	required b RAL.R) (c	oy Part 192 to ponfirm)	prevent a p	ipeline fail	ure and
ave been identified and implemented (or scheduled) beyo itigate the consequences of a pipeline failure in an HCA? 92.947(d) (192.935(a))	ond those already i (IM.PM.PMMGENE	required b RAL.R) (c	oy Part 192 to ponfirm)	prevent a p	ipeline fail	ure and
ave been identified and implemented (or scheduled) beyonitigate the consequences of a pipeline failure in an HCA?	ond those already i (IM.PM.PMMGENE	required b RAL.R) (c	oy Part 192 to ponfirm)	prevent a p	ipeline fail	ure and
ave been identified and implemented (or scheduled) beyo itigate the consequences of a pipeline failure in an HCA? 92.947(d) (192.935(a)) Notes	ond those already in (IM.PM.PMMGENE)  Sat+	required b RAL.R) (c Sat	oy Part 192 to onfirm)  Concern	Unsat	N A	N C
ave been identified and implemented (or scheduled) beyonitigate the consequences of a pipeline failure in an HCA?	ond those already in (IM.PM.PMMGENE  Sat+	required b RAL.R) (co Sat	oy Part 192 to onfirm)  Concern	Unsat  mitigative	N A	N C
ave been identified and implemented (or scheduled) beyonitigate the consequences of a pipeline failure in an HCA?  92.947(d) (192.935(a))  Notes  3. P&M Measures - Third Party Dam	ond those already in (IM.PM.PMMGENE  Sat+	required b RAL.R) (co Sat	oy Part 192 to onfirm)  Concern	Unsat  mitigative	N A	N C

10/0///////////////////////////////////	Sat+	Sat	Concern	Unsat	NA	NC
192.947(d) (192.917(e)(1); 192.935(b)(1); 192.935(e))	Заст	Sat	Concern	Ulisat	NA	NC
Notes						
5. P&M Measures - Qualifications of State that persons who implement preventive and mitigative meas						require
(IM.PM.PMMREVQUAL.P) (detail)	ures or unectly	supervise	excavation we	irk be qualii		
192.915(c)	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
6. P&M Measures - Qualifications of Sthat personnel who implement preventive and mitigative medical processing the process of						strate
IM.PM.PMMREVQUAL.R) (detail)						
·	Sat+	Sat	Concern	Unsat	NA	N C
(IM.PM.PMMREVQUAL.R) (detail) 192.947(e) (192.915(c))	Sat+	Sat	Concern	Unsat	N A	NC
·	Sat+	Sat	Concern	Unsat	NA	N C
192.947(e) (192.915(c))	Sat+	Sat	Concern	Unsat	N A	NC
192.947(e) (192.915(c))  Notes						
192.947(e) (192.915(c))  Notes  7. P&M Measures - Third Party Dama	ge (Special	Cases)	(detail) D	oes the pro	cess includ	de
Notes  7. P&M Measures - Third Party Dama requirements for preventive and mitigative requirements for	ge (Special	Cases)	(detail) D	oes the pro	cess includ	de
Notes  7. P&M Measures - Third Party Dama requirements for preventive and mitigative requirements for 192.935(d) (192.935(e); 192 Table E.II.1)	ge (Special	Cases)	(detail) D	oes the prod IM.PM.PMM	cess incluc TPDSMYS	de .P) (detai
192.947(e) (192.915(c))  Notes	ge (Special	Cases)	(detail) D	oes the prod IM.PM.PMM	cess incluc TPDSMYS	de .P) (detai
Notes  7. P&M Measures - Third Party Dama requirements for preventive and mitigative requirements for 192.935(d) (192.935(e); 192 Table E.II.1)	ge (Special	Cases)	(detail) D	oes the prod IM.PM.PMM	cess incluc TPDSMYS	de .P) (detai
7. P&M Measures - Third Party Dama requirements for preventive and mitigative requirements for 192.935(d) (192.935(e); 192 Table E.II.1)  Notes  8. P&M Measures - Third Party Dama preventive and mitigative requirements for preventive and mitigative requirements for pipelines operatire	ge (Special pipelines operat Sat+	Cases) ting below Sat  Cases)	(detail) Do 30% SMYS? (Concern	oes the prod IM.PM.PMM Unsat	cess incluc TPDSMYS <b>N A</b> emonstrat	de .P) (detai
7. P&M Measures - Third Party Dama requirements for preventive and mitigative requirements for 192.935(d) (192.935(e); 192 Table E.II.1)  Notes  8. P&M Measures - Third Party Dama	ge (Special pipelines operat Sat+	Cases) ting below Sat  Cases)	(detail) Do 30% SMYS? (Concern	oes the prod IM.PM.PMM Unsat	cess incluc TPDSMYS <b>N A</b> emonstrat	de .P) (detai
7. P&M Measures - Third Party Dama requirements for preventive and mitigative requirements for 192.935(d) (192.935(e); 192 Table E.II.1)  Notes  8. P&M Measures - Third Party Dama preventive and mitigative requirements for pipelines operating IM.PM.PMMTPDSMYS.R) (detail)	ge (Special sat+	Cases) ting below Sat  Cases)	(detail) Do 30% SMYS? (Concern	oes the prod IM.PM.PMM <b>Unsat</b> o records de	cess includ TPDSMYS <b>N A</b> emonstrated?	de .P) (detai N C

	Sat+	Sat	Concern	Unsat	NA	NC
Notes		1		1		
10. P&M Measures - Outside Fodue to outside force (e.g., earth movement, floods, [IM.PM.PMMOF.R) (detail)						threats
192.947(d) (192.935(b)(2))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
11. P&M Measures - Corrosion address significant corrosion threats? (IM.PM.PMMC		cess adeq	uately account	for taking i	required a	ctions t
192.917(e)(5)	Sat+	Sat	Concern	Unsat	N A	NC
1321,(0)(0)				o ii o a c	1171	
Notes						
Notes						
Notes						
Notes						
12. P&M Measures - Corrosion			te that required	d actions ar	e being ta	ken to
12. P&M Measures - Corrosion address significant corrosion threats as required? (3)			te that required	d actions an	e being ta	ken to
12. P&M Measures - Corrosion address significant corrosion threats as required? (3)	IM.PM.PMMCORR.R) (deta	il)				I
12. P&M Measures - Corrosion address significant corrosion threats as required? (3)	IM.PM.PMMCORR.R) (deta	il)				I
<b>12. P&amp;M Measures - Corrosion</b> address significant corrosion threats as required? (192.947(b) (192.917(e)(5))	IM.PM.PMMCORR.R) (deta	il)				I
<b>12. P&amp;M Measures - Corrosion</b> address significant corrosion threats as required? (192.947(b) (192.917(e)(5))	IM.PM.PMMCORR.R) (deta	il)				I
<b>12. P&amp;M Measures - Corrosion</b> address significant corrosion threats as required? (192.947(b) (192.917(e)(5))	IM.PM.PMMCORR.R) (deta	il)				I
12. P&M Measures - Corrosion address significant corrosion threats as required? (192.947(b) (192.917(e)(5))  Notes  13. P&M Measures - Automatic	Sat+  C Shut-Off Valves	Sat	Concern ote Contro	Unsat	NA (detail)	N C
12. P&M Measures - Corrosion address significant corrosion threats as required? (192.947(b) (192.917(e)(5))  Notes  13. P&M Measures - Automation process include requirements to decide if automatic	Sat+  C Shut-Off Valves of shut-off valves or remote	Sat  Pr Reme control	Concern  ote Contro	Unsat	NA (detail)	N C
12. P&M Measures - Corrosion address significant corrosion threats as required? (192.947(b) (192.917(e)(5))  Notes  13. P&M Measures - Automatic process include requirements to decide if automatic protection to potentially affected high consequence	C Shut-Off Valves of shut-off valves or remote areas? (IM.PM.PMMASOR	Sat  Pr Reme control	Concern  ote Contro	Unsat	NA (detail)	N C
12. P&M Measures - Corrosion address significant corrosion threats as required? (192.947(b) (192.917(e)(5))  Notes  13. P&M Measures - Automatic process include requirements to decide if automatic protection to potentially affected high consequence	Sat+  C Shut-Off Valves of shut-off valves or remote	or Remore control (CCV.P) (de	ote Contro	Unsat  I Valves nt an efficie	NA (detail)	N C
12. P&M Measures - Corrosion address significant corrosion threats as required? (192.947(b) (192.917(e)(5))  Notes  13. P&M Measures - Automation process include requirements to decide if automatic	C Shut-Off Valves of shut-off valves or remote areas? (IM.PM.PMMASOR	or Remore control (CCV.P) (de	ote Contro	Unsat  I Valves nt an efficie	NA (detail)	) Does of addi

should be added to protect high		C ¬ + ⊥	6-+	Concors	IInca+	N A	NC
192.947(d) (192.935(c))		Sat+	Sat	Concern	Unsat	NA	NC
Notes							
15. P&M Measur o mitigate the consequences of	res - Implementation ā pipeline failure in an HCA b						ailure ai
92.935(a)		Sat+	Sat	Concern	Unsat	NA	NC
Notes							
Integrity Manage	ement - Quality	<sup>,</sup> Assura	nce				
1. Quality Assura	nce (detail) Are quality a	assurance proce	esses in pl	ace for risk ma	anagement	application	ns that
Integrity Manage  1. Quality Assura  neet the requirements of ASME 1.92.911(I)	nce (detail) Are quality a	assurance proce	esses in pl	ace for risk ma	anagement Unsat	application	ns that
1. Quality Assura	nce (detail) Are quality a	assurance proce M.QA.QARM.P)	esses in pl (detail)		-		
1. Quality Assura meet the requirements of ASME .92.911(I)  Notes  2. Quality Assura	nnce (detail) Are quality as B31.8S-2004, Section 12? (II	assurance proce M.QA.QARM.P)  Sat+	esses in pl (detail) Sat	Concern	Unsat	N A	NC
1. Quality Assuraneet the requirements of ASME 92.911(I)	nnce (detail) Are quality as B31.8S-2004, Section 12? (II	assurance proce M.QA.QARM.P)  Sat+	esses in pl (detail) Sat	Concern	<b>Unsat</b> process for	N A	NC
1. Quality Assurance the requirements of ASME 92.911(I)  Notes  2. Quality Assurance pplications is being completed	nnce (detail) Are quality as B31.8S-2004, Section 12? (II	Sat+  demonstrate the Section 12? (In	esses in pl (detail) Sat Sat	Concern  lity assurance M.R) (detail)	<b>Unsat</b> process for	N A	N C

02 015(a) (102 015(b): 102 015(c))	Sat+	Sat	Concern	Unsat	NA	NC
.92.915(a) (192.915(b); 192.915(c))	Заст	Sat	Concern	Ulisat	NA .	NC
Notes						
4. Personnel Qualification and Train						
personnel involved in the integrity management program and detail)	re qualified for the	eir assigne	ed responsibilit	ties? (IM.QA	A.IMPERSO	ONNEL.F
92.947(e) (192.915(a); 192.915(b); 192.915(c))	Sat+	Sat	Concern	Unsat	NA	NC
Motor						
Notes						
5. Invoking Non-Mandatory Stateme						
equirements that non-mandatory requirements (e.g., "sho y Subpart O (e.g., ASME B31.8S-2004 and NACE SP0502-	ould" statements) -2008) be address	from indu ed by an	stry standards appropriate ap	or other do proach?	ocuments	invoked
IM.QA.IMNONMANDT.P) (confirm)						1 .
- , , ,	Sat+	Sat	Concern	Unsat	NA	N C
92.7(a)	Sat+	Sat	Concern	Unsat	N A	N C
92.7(a)	Sat+	Sat	Concern	Unsat	NA	N C
92.7(a)	Sat+	Sat	Concern	Unsat	NA	N C
92.7(a)	Sat+	Sat	Concern	Unsat	NA	N C
.92.7(a)  Notes  6. Management of Change (detail) Is						
92.7(a)  Notes  6. Management of Change (detail) Is ntegrity adequate? (IM.QA.IMMOC.P) (detail)						
92.7(a)  Notes  6. Management of Change (detail) Is ntegrity adequate? (IM.QA.IMMOC.P) (detail)	the process for m	nanageme	nt of changes	that may in	npact pipe	eline
92.7(a)  Notes  6. Management of Change (detail) Is ntegrity adequate? (IM.QA.IMMOC.P) (detail)  92.911(k) (192.909(a); 192.909(b))	the process for m	nanageme	nt of changes	that may in	npact pipe	eline
.92.7(a)  Notes	the process for m	nanageme	nt of changes	that may in	npact pipe	eline
92.7(a)  Notes  6. Management of Change (detail) Is attegrity adequate? (IM.QA.IMMOC.P) (detail)  92.911(k) (192.909(a); 192.909(b))	the process for m	nanageme	nt of changes	that may in	npact pipe	eline
92.7(a)  Notes  6. Management of Change (detail) Is attegrity adequate? (IM.QA.IMMOC.P) (detail)  92.911(k) (192.909(a); 192.909(b))	the process for m	nanageme	nt of changes	that may in	npact pipe	eline
92.7(a)  Notes  6. Management of Change (detail) Is attegrity adequate? (IM.QA.IMMOC.P) (detail)  92.911(k) (192.909(a); 192.909(b))  Notes  7. Management of Change (confirm)	the process for m Sat+	nanageme Sat	concern	that may in	npact pipe	line N C
Post of Change (detail) Is attempt to the state of the st	the process for m Sat+	nanageme Sat	concern	that may in	npact pipe	line N C
Notes  6. Management of Change (detail) Is netegrity adequate? (IM.QA.IMMOC.P) (detail) 92.911(k) (192.909(a); 192.909(b))  Notes	the process for m Sat+  Do records demon	nanageme Sat	Concern	that may in Unsat	npact pipe <b>N A</b> act pipelin	eline NC

192.945(a) (192.913(b); 192.951)	Sat+	Sat	Concern	Unsat	NA	N C
Notes			·	'		
<b>9. Performance Metrics (detail)</b> Does the p et of performance metrics to provide meaningful insight into IM						
92.945(a) (192.913(b); 192.951)	Sat+	Sat	Concern	Unsat	N A	N C
Notes						
10. Measuring Program Effectiveness (c	letail) Da	records o	demonstrate th	nat the metl	hods to m	easure
ntegrity Management Program effectiveness provide effective ev	aluation of					cusurc
mprovements where necessary? (IM.QA.IMPERFEFECTIVE.R) (de .92.947(d) (192.913(b); 192.945(a); 192.951)	Sat+	Sat	Concern	Unsat	N A	N C
92.947(d) (192.913(d), 192.943(d), 192.931)	Satt	Sat	Concern	Olisat	NA .	14 C
Notes						
NOTES						
	de demonst	rate that r	agricum an com	ootrige are n	royiding	nooning
11. Performance Metrics (detail) Do record				netrics are p	roviding n	neaning
<b>11. Performance Metrics (detail)</b> Do record nsight into integrity management program performance? (IM.QA				netrics are p	roviding n	neaning N C
<b>11. Performance Metrics (detail)</b> Do record	.IMPERFME	TRIC.R) (d	detail)			1
<b>11. Performance Metrics (detail)</b> Do record Insight into integrity management program performance? (IM.QA 192.947(d) (192.913(b); 192.945(a); 192.951)	.IMPERFME	TRIC.R) (d	detail)			1
<b>11. Performance Metrics (detail)</b> Do record Insight into integrity management program performance? (IM.QA 192.947(d) (192.913(b); 192.945(a); 192.951)	.IMPERFME	TRIC.R) (d	detail)			1
	.IMPERFME	TRIC.R) (d	detail)			1
<b>11. Performance Metrics (detail)</b> Do record Insight into integrity management program performance? (IM.QA 192.947(d) (192.913(b); 192.945(a); 192.951)	.IMPERFME	TRIC.R) (d	detail)			1
11. Performance Metrics (detail) Do record nsight into integrity management program performance? (IM.QA 192.947(d) (192.913(b); 192.945(a); 192.951) Notes	Sat+	TRIC.R) (d	detail) Concern	Unsat	NA	NC
<b>11. Performance Metrics (detail)</b> Do record Insight into integrity management program performance? (IM.QA 192.947(d) (192.913(b); 192.945(a); 192.951)	Sat+	TRIC.R) (d	detail)  Concern	Unsat	NA	NC
11. Performance Metrics (detail) Do record nsight into integrity management program performance? (IM.QA.192.947(d) (192.913(b); 192.945(a); 192.951)  Notes  12. Record Keeping (detail) Is the process and useful life of the pipeline? (IM.QA.RECORDS.P) (detail)  192.947(a) (192.947(b); 192.947(c); 192.947(d); 192.947(e);	Sat+	TRIC.R) (d	detail)  Concern	Unsat	NA	NC
11. Performance Metrics (detail) Do record insight into integrity management program performance? (IM.QA.92.947(d) (192.913(b); 192.945(a); 192.951)  Notes  12. Record Keeping (detail) Is the process and iseful life of the pipeline? (IM.QA.RECORDS.P) (detail)  192.947(a) (192.947(b); 192.947(c); 192.947(d); 192.947(e);	Sat+	TRIC.R) (d	detail)  Concern  t required reco	Unsat	N A	N C
11. Performance Metrics (detail) Do record insight into integrity management program performance? (IM.QA.192.947(d) (192.913(b); 192.945(a); 192.951)  Notes  12. Record Keeping (detail) Is the process and iseful life of the pipeline? (IM.QA.RECORDS.P) (detail)  192.947(a) (192.947(b); 192.947(c); 192.947(d); 192.947(e); 192.947(f); 192.947(g); 192.947(h); 192.947(i); 192.911(n))	Sat+	TRIC.R) (d	detail)  Concern  t required reco	Unsat	N A	N C
11. Performance Metrics (detail) Do record insight into integrity management program performance? (IM.QA.192.947(d) (192.913(b); 192.945(a); 192.951)  Notes  12. Record Keeping (detail) Is the process and iseful life of the pipeline? (IM.QA.RECORDS.P) (detail)	Sat+	TRIC.R) (d	detail)  Concern  t required reco	Unsat	N A	N C

192.947(a) (192.947(b); 192.947(c); 192.947(d); 192.947(e);	C-1.	C-1				N.C
192.947(f); 192.947(g); 192.947(h); 192.947(i))	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
Integrity Management - Risk Ana  1. Threat Identification (detail) Does the pr	•	de require	ments to ident	ify and eva	luate all p	otential
threats to each covered pipeline segment? (IM.RA.THREATID.P) (		·		•	<u>, , , , , , , , , , , , , , , , , , , </u>	
192.917(a) (192.917(e); 192.913(b)(1))	Sat+	Sat	Concern	Unsat	NA	NC
2. Threat Identification (confirm) Do record			all potential th	reats to eac	:h covered	l pipelin
segment have been identified and evaluated? (IM.RA.THREATID.F	R) (confirm)	1				1
<b>2. Threat Identification (confirm)</b> Do reconsegment have been identified and evaluated? (IM.RA.THREATID.F192.947(b) (192.917(a); 192.917(e); 192.913(b)(1))			all potential th	reats to eac	:h coverea	l pipelin
segment have been identified and evaluated? (IM.RA.THREATID.F	R) (confirm)	1				1
segment have been identified and evaluated? (IM.RA.THREATID.F 192.947(b) (192.917(a); 192.917(e); 192.913(b)(1))	R) (confirm)	1				1
Segment have been identified and evaluated? (IM.RA.THREATID.F. 192.947(b) (192.917(a); 192.917(e); 192.913(b)(1))  Notes  3. Data Gathering (detail) Does the process in	Sat+	Sat rements to	Concern  o gather and in	Unsat	NA	NC
segment have been identified and evaluated? (IM.RA.THREATID.F 192.947(b) (192.917(a); 192.917(e); 192.913(b)(1))  Notes	Sat+	Sat rements to	Concern  o gather and in	Unsat	NA	NC

192.947(b) (192.917(b); 192.917(e)(1); 192.911(k)	11	Sat	Concern	Unsat	NA	NO
	))	Sat	Concern	Unsat	NA	N
Notes						
	( L L 11)					
<b>5. Risk Analysis - Methodology</b> bllows ASME B31.8S-2004, Section 5, and that cons						
detail) 92.917(c) (192.917(d))	Sat+	Sat	Concern	Unsat	N A	NO
92.917(C) (192.917(d))	Satt	Sat	Concern	Unsat	NA	N
Notes						
6. Risk Analysis - Methodology 31.8S-2004, Section 5, and considers the identified						ASME
92.947(b) (192.917(c); 192.917(d))	Sat+	Sat	Concern	Unsat	N A	N
Notes	'					
7. Risk Analysis - Determination						
ould affect the likelihood of a release, and factors th	hat could affect the cons	equences	of potential re	leases, be a	accounted	
ould affect the likelihood of a release, and factors the ombined in an appropriate manner to produce a rish	hat could affect the cons	equences	of potential re	leases, be a	accounted	
ould affect the likelihood of a release, and factors the ombined in an appropriate manner to produce a rish	hat could affect the cons k value for each pipeline	equences segment	of potential re ? (IM.RA.RAFA	leases, be a CTORS.P) (	accounted detail)	for and
ould affect the likelihood of a release, and factors the ombined in an appropriate manner to produce a rish	hat could affect the cons k value for each pipeline	equences segment	of potential re ? (IM.RA.RAFA	leases, be a CTORS.P) (	accounted detail)	for an
ould affect the likelihood of a release, and factors the ombined in an appropriate manner to produce a rish	hat could affect the cons k value for each pipeline	equences segment	of potential re ? (IM.RA.RAFA	leases, be a CTORS.P) (	accounted detail)	for an
ould affect the likelihood of a release, and factors the ombined in an appropriate manner to produce a rish	hat could affect the cons k value for each pipeline	equences segment	of potential re ? (IM.RA.RAFA	leases, be a CTORS.P) (	accounted detail)	for an
ould affect the likelihood of a release, and factors the ombined in an appropriate manner to produce a rish 92.917(c)  Notes	hat could affect the cons k value for each pipeline Sat+	equences segment: Sat	of potential re? (IM.RA.RAFA  Concern	leases, be a	accounted detail) NA	N (
ould affect the likelihood of a release, and factors the ombined in an appropriate manner to produce a risk 92.917(c)  Notes  8. Risk Analysis - Determination	hat could affect the cons k value for each pipeline  Sat+  n of Risk (detail)	equences segment: Sat	of potential re? (IM.RA.RAFA  Concern	leases, be a CTORS.P) ( Unsat	accounted detail) NA	N (
ould affect the likelihood of a release, and factors the ombined in an appropriate manner to produce a risk 92.917(c)  Notes  8. Risk Analysis - Determination ombined in an appropriate manner to produce a risk produc	hat could affect the cons k value for each pipeline  Sat+  n of Risk (detail)	equences segment: Sat	of potential re? (IM.RA.RAFA  Concern	leases, be a CTORS.P) ( Unsat	accounted detail) NA	N (
Sould affect the likelihood of a release, and factors the ombined in an appropriate manner to produce a risk specific produce.  Notes  8. Risk Analysis - Determination of the produce a risk specific	hat could affect the cons k value for each pipeline  Sat+  n of Risk (detail) k value for each pipeline	Sat  Do record segment:	of potential re ? (IM.RA.RAFA  Concern  ds demonstrate ? (IM.RA.RAFA	leases, be a CTORS.P) ( Unsat  that risk a CTORS.R) (	nalysis dat detail)	N (
could affect the likelihood of a release, and factors the combined in an appropriate manner to produce a risk 192.917(c)  Notes	hat could affect the cons k value for each pipeline  Sat+  n of Risk (detail) k value for each pipeline	Sat  Do record segment:	of potential re ? (IM.RA.RAFA  Concern  ds demonstrate ? (IM.RA.RAFA	leases, be a CTORS.P) ( Unsat  that risk a CTORS.R) (	nalysis dat detail)	for a

92.917(c)	Sat+	Sat	Concern	Unsat	NA	NC
lotes						
10. Risk Analysis - Validation an					sed as ned	essary
ew information is obtained or conditions change on		1				
92.947(b) (192.917(c))	Sat+	Sat	Concern	Unsat	NA	NC
lotes						
11. Risk Analysis - Validation an				pipeline se	gments a	ccurate
eflected in the appropriate risk assessment data and	l information? (IM.RA.R.	AMOC.O)	(detail)			
92.917(c)	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
Maintenance and Operation	ıs - Alternati	ve M	АОР			
_						
1. Alternate MAOP Calculation (	<b>detail)</b> Does the AMA	NOP proces		ropriate faci	tors and	
1. Alternate MAOP Calculation ( considerations for calculating the alternative MAOP?	<b>detail)</b> Does the AMA (MO.AMAOP.CALC.P) (de	AOP proces	ss include appi	·		N.C.
1. Alternate MAOP Calculation ( considerations for calculating the alternative MAOP?	<b>detail)</b> Does the AMA	NOP proces		opriate fac	tors and	N C
1. Alternate MAOP Calculation (considerations for calculating the alternative MAOP? (92.605(a) (192.620(a))	<b>detail)</b> Does the AMA (MO.AMAOP.CALC.P) (de	AOP proces	ss include appi	·		N C
1. Alternate MAOP Calculation (considerations for calculating the alternative MAOP? (92.605(a) (192.620(a))	<b>detail)</b> Does the AMA (MO.AMAOP.CALC.P) (de	AOP proces	ss include appi	·		NC
1. Alternate MAOP Calculation (considerations for calculating the alternative MAOP? (92.605(a) (192.620(a))	<b>detail)</b> Does the AMA (MO.AMAOP.CALC.P) (de	AOP proces	ss include appi	·		N C
1. Alternate MAOP Calculation (considerations for calculating the alternative MAOP? (92.605(a) (192.620(a))	<b>detail)</b> Does the AMA (MO.AMAOP.CALC.P) (de	AOP proces	ss include appi	·		N C
1. Alternate MAOP Calculation (onsiderations for calculating the alternative MAOP? (92.605(a) (192.620(a))	<b>detail)</b> Does the AMA (MO.AMAOP.CALC.P) (de	AOP proces	ss include appi	·		NC
onsiderations for calculating the alternative MAOP? (92.605(a) (192.620(a))  Notes	detail) Does the AMA (MO.AMAOP.CALC.P) (de Sat+	NOP procesetail) Sat	Concern	Unsat	NA	
1. Alternate MAOP Calculation (onsiderations for calculating the alternative MAOP? (92.605(a) (192.620(a))	detail) Does the AMA (MO.AMAOP.CALC.P) (de Sat+	NOP procesetail) Sat	Concern	Unsat	NA	
1. Alternate MAOP Calculation ( considerations for calculating the alternative MAOP? ( 92.605(a) (192.620(a))  Notes  2. Alternate MAOP Calculation (	detail) Does the AMA (MO.AMAOP.CALC.P) (de Sat+	NOP procesetail) Sat	Concern	Unsat	NA	N C
1. Alternate MAOP Calculation ( considerations for calculating the alternative MAOP? ( 92.605(a) (192.620(a))  Notes  2. Alternate MAOP Calculation ( MAOP? (MO.AMAOP.CALC.R) (confirm)	detail) Does the AMA (MO.AMAOP.CALC.P) (de Sat+  confirm) Do records	(AOP procestail)  Sat  indicate a	Concern  Concern	Unsat	<b>N A</b> the alterna	ative
1. Alternate MAOP Calculation ( considerations for calculating the alternative MAOP? ( 92.605(a) (192.620(a))  Notes  2. Alternate MAOP Calculation ( MAOP? (MO.AMAOP.CALC.R) (confirm)	detail) Does the AMA (MO.AMAOP.CALC.P) (de Sat+  confirm) Do records	(AOP procestail)  Sat  indicate a	Concern  Concern	Unsat	<b>N A</b> the alterna	ative

92.605(a) (192.620(b))	Sat+	Sat	Concern	Unsat	NΑ	N C
Notes						
4. Alternate MAOP Condition	ons (confirm) Do records	indicate	the AMAOP pro	ocess satisfi	ed the co	nditions
oplication of an alternative MAOP? (MO.AMAOI			<i>'</i>			
92.605(a) (192.620(b))	Sat+	Sat	Concern	Unsat	NA	N C
lotes						
5. Alternate MAOP Require	ments (detail) Does the	ΑΜΛΟΡ Ι	nrocess include	a AMAOD rei	guirement	-c2
10.AMAOP.REQUIREMENTS.P) (detail)	inents (detail) boes the	ן זטאויוא	or ocess iriciaal	Z AMAON TE	quirernent	.5:
( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( (						
, , ,	Sat+	Sat	Concern	Unsat	N A	N C
, , ,	Sat+	Sat	Concern	Unsat	NA	N C
92.605(a) (192.620(c))	Sat+	Sat	Concern	Unsat	NA	N C
92.605(a) (192.620(c))	Sat+	Sat	Concern	Unsat	NA	N C
92.605(a) (192.620(c))	Sat+	Sat	Concern	Unsat	NA	N C
92.605(a) (192.620(c))	Sat+	Sat	Concern	Unsat	NA	NC
92.605(a) (192.620(c)) Notes						
92.605(a) (192.620(c))  Notes  6. Alternate MAOP Condition						
6. Alternate MAOP Condition  10.AMAOP.REQUIREMENTS.R) (confirm)	ons (confirm) Do records	s indicate	the AMAOP re	quirements	were met	?
6. Alternate MAOP Condition  10.AMAOP.REQUIREMENTS.R) (confirm)						
6. Alternate MAOP Condition OAMAOP.REQUIREMENTS.R) (confirm) 92.605(a) (192.620(c))	ons (confirm) Do records	s indicate	the AMAOP re	quirements	were met	?
6. Alternate MAOP Condition O.AMAOP.REQUIREMENTS.R) (confirm) 92.605(a) (192.620(c))	ons (confirm) Do records	s indicate	the AMAOP re	quirements	were met	?
6. Alternate MAOP Condition O.AMAOP.REQUIREMENTS.R) (confirm) 92.605(a) (192.620(c))	ons (confirm) Do records	s indicate	the AMAOP re	quirements	were met	?
6. Alternate MAOP Condition O.AMAOP.REQUIREMENTS.R) (confirm) 92.605(a) (192.620(c))	ons (confirm) Do records	s indicate	the AMAOP re	quirements	were met	?
92.605(a) (192.620(c)) Notes	ons (confirm) Do records	s indicate	the AMAOP re	quirements	were met	?
6. Alternate MAOP Condition O.AMAOP.REQUIREMENTS.R) (confirm) O2.605(a) (192.620(c))  Jotes  7. Alternate MAOP Addition	ons (confirm) Do records Sat+	s indicate S a t	the AMAOP re	quirements	were met	?
6. Alternate MAOP Condition O.AMAOP.REQUIREMENTS.R) (confirm) O2.605(a) (192.620(c))  Jotes  7. Alternate MAOP Addition Equirements? (MO.AMAOP.ADDITIONALOM.P)	ons (confirm) Do records Sat+	s indicate S a t	the AMAOP re	quirements	were met	?
6. Alternate MAOP Condition O.AMAOP.REQUIREMENTS.R) (confirm) O2.605(a) (192.620(c))  Jotes  7. Alternate MAOP Addition Equirements? (MO.AMAOP.ADDITIONALOM.P)	ons (confirm) Do records Sat+	s indicate S a t	the AMAOP re	quirements	were met	? NC
6. Alternate MAOP Condition O.AMAOP.REQUIREMENTS.R) (confirm) 92.605(a) (192.620(c))	Sat+  nal O&M (detail) Does (detail)	s indicate Sat	the AMAOP reconstruction	quirements Unsat	were met NA	?

	Sat+	Sat	Concern	Unsat	NA	N C
Notes	·		·			
9. Alternate MAOP Overpressure Pr	estaction (dat	Dog <b>(lic</b> e	a tha AMAOD i	ara casa inal	udo ovorn	r0.001.1rc
protection requirements? (MO.AMAOP.OVERPRESS.P) (deta		all) Doe	s the AMAOF F	orocess irici	ude overp	cssure
92.605(a) (192.620(e))	Sat+	Sat	Concern	Unsat	NA	N C
lotes						
10. Alternate MAOP Overpressure P		onfirm)	Do records in	dicate that	overpress	ure
rotection requirements were met? (MO.AMAOP.OVERPRES	, , ,					
92.605(a) (192.620(e))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
Notes	<u>'</u>		<u>'</u>			
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Notes						
Notes						
Notes						
	Conversi	on to	Sorvice			
	Conversi	on to	Service	e		
Maintenance and Operations -						
Maintenance and Operations -  1. Conversion to Service (detail) If a	nny pipelines were	converted	l into Part 192		as a proce:	55
Maintenance and Operations -  1. Conversion to Service (detail) If a eveloped addressing all the applicable requirements? (MO	any pipelines were O.GC.CONVERSION	<i>converted</i> I.P) (detai	l into Part 192  )	service, wa		
Maintenance and Operations -  1. Conversion to Service (detail) If a leveloped addressing all the applicable requirements? (MO	nny pipelines were	converted	l into Part 192	service, wa	as a proces	SS N C
Maintenance and Operations -  1. Conversion to Service (detail) If a eveloped addressing all the applicable requirements? (MO 92.14(a) (192.14(b))	any pipelines were O.GC.CONVERSION	<i>converted</i> I.P) (detai	l into Part 192  )	service, wa		
Maintenance and Operations -  1. Conversion to Service (detail) If a eveloped addressing all the applicable requirements? (MO 92.14(a) (192.14(b))	any pipelines were O.GC.CONVERSION	<i>converted</i> I.P) (detai	l into Part 192  )	service, wa		
Maintenance and Operations -  1. Conversion to Service (detail) If a eveloped addressing all the applicable requirements? (MO 92.14(a) (192.14(b))	any pipelines were O.GC.CONVERSION	<i>converted</i> I.P) (detai	l into Part 192  )	service, wa		
Maintenance and Operations -  1. Conversion to Service (detail) If a eveloped addressing all the applicable requirements? (MO 92.14(a) (192.14(b))	any pipelines were O.GC.CONVERSION	<i>converted</i> I.P) (detai	l into Part 192  )	service, wa		
Maintenance and Operations -  1. Conversion to Service (detail) If a eveloped addressing all the applicable requirements? (MO 92.14(a) (192.14(b))	any pipelines were O.GC.CONVERSION	<i>converted</i> I.P) (detai	l into Part 192  )	service, wa		
leveloped addressing all the applicable requirements? (MO 92.14(a) (192.14(b))  Notes	nny pipelines were  O.GC.CONVERSION  Sat+	converted	l into Part 192	Unsat	NA	NC
Maintenance and Operations -  1. Conversion to Service (detail) If a leveloped addressing all the applicable requirements? (MO 92.14(a) (192.14(b))  Notes  2. Conversion to Service (detail) Do	nny pipelines were  O.GC.CONVERSION  Sat+	converted	l into Part 192	Unsat	NA	NC
Maintenance and Operations -  1. Conversion to Service (detail) If a leveloped addressing all the applicable requirements? (MO 92.14(a) (192.14(b))  Notes	nny pipelines were  O.GC.CONVERSION  Sat+	converted	l into Part 192	Unsat	NA	NC
Maintenance and Operations -  1. Conversion to Service (detail) If a leveloped addressing all the applicable requirements? (MO 92.14(a) (192.14(b))  Notes  2. Conversion to Service (detail) Do	nny pipelines were  O.GC.CONVERSION  Sat+	converted	l into Part 192	Unsat	NA	NC
### Maintenance and Operations -  1. Conversion to Service (detail) If a eveloped addressing all the applicable requirements? (MO 92.14(a) (192.14(b))  Notes  2. Conversion to Service (detail) Do noto Part 192 service? (MO.GC.CONVERSION.R) (detail)	nny pipelines were  D.GC.CONVERSION  Sat+  records indicate the	converted I.P) (detai Sat	d into Part 192	Unsat  for convert	<b>NA</b> ing any pi	<b>NC</b>

# **Maintenance and Operations - Gas Pipeline Abnormal Operations**

192.605(a) (192.605(c)(1))	Sat+	Sat	Concern	Unsat	NA	NC
X-/ X X-/X-//						
Notes						
2. Abnormal Operations (co		pond to in	dications of al	onormal ope	erations as	s require
192.605(a) (192.605(c)(1))	Sat+	Sat	Concern	Unsat	NA	N C
operation? (MO.GOABNORMAL.ABNORMALCHEC	t sufficient critical locations is					
3. Abnormal Operations (doperations (doperation after abnormal operation has ended at operation? (MO.GOABNORMAL.ABNORMALCHECT 192.605(a) (192.605(c)(2))	t sufficient critical locations in K.P) (detail)	n the syst	em to determi	ne continue	d integrity	and sat
operation after abnormal operation has ended at operation? (MO.GOABNORMAL.ABNORMALCHECT 192.605(a) (192.605(c)(2))  Notes  4. Abnormal Operations (N	sufficient critical locations in (A.P.) (detail)  Sat+  Notify) (detail) Does the	Sat  Description of the system	Concern  Concern	Unsat  dures for no	N A  Otifying res	N C
operation after abnormal operation has ended at operation? (MO.GOABNORMAL.ABNORMALCHECT 192.605(a) (192.605(c)(2))  Notes  4. Abnormal Operations (Note operation oper	Sat+  lotify) (detail) Does the operation is received? (MO.0)	Sat  Sat  De process GOABNORI	Concern  Concern  include proce	Unsat  dures for no	NA  NA  otifying res	N C
operation after abnormal operation has ended at operation? (MO.GOABNORMAL.ABNORMALCHECT 192.605(a) (192.605(c)(2))  Notes	sufficient critical locations in (A.P.) (detail)  Sat+  Notify) (detail) Does the	Sat  Description of the system	Concern  Concern	Unsat  dures for no	N A  Otifying res	N C

92.605(a) (192.605(c)(4))	Sat+	Sat	Concern	Unsat	NA	NC
192.003(a) (192.003(c)( <del>4</del> ))	Satt	Sat	Concern	Ulisat	NA .	NC
Notes	<u> </u>					
6. Abnormal Operations Review (coersonnel to determine the effectiveness of the abnormal operations (MO.GOABNORMAL.ABNORMALREVIEW.R) (confirm)	peration procedui					
192.605(a) (192.605(c)(4))	Sat+	Sat	Concern	Unsat	NA	NC
Maintenance and Operations -  1. Change in Class Location Confirm include a requirement that the MAOP of a pipeline segment	nation or Re	vision c	of MAOP (c	letail) Do	es the pro	
-	nation or Rev	vision o	of MAOP (c	<b>letail)</b> Do s whenever	es the pro	
1. Change in Class Location Confirm include a requirement that the MAOP of a pipeline segment corresponding to the established MAOP is determined not to (MO.GOCLASS.CLASSLOCATEREV.P) (detail) 192.605(b)(1) (192.611(a); 192.611(b); 192.611(c);	nation or Rev	vision o	of MAOP (c	letail) Do s whenever s location?	es the pro	stress
1. Change in Class Location Confirmation include a requirement that the MAOP of a pipeline segment corresponding to the established MAOP is determined not to	nation or Re be confirmed or i be commensura	vision of the with the with the	of MAOP (c thin 24 month e existing class	letail) Do s whenever s location?	es the pro the hoop	stress
1. Change in Class Location Confirm include a requirement that the MAOP of a pipeline segment corresponding to the established MAOP is determined not to (MO.GOCLASS.CLASSLOCATEREV.P) (detail) 192.605(b)(1) (192.611(a); 192.611(b); 192.611(c); 192.611(d))	mation or Replace to be confirmed or in the commensural Sat+	vision of revised with the with the Sat	of MAOP (contains and contains	letail) Do s whenever s location?  Unsat	nes the protection the hoop  NA	N C
1. Change in Class Location Confirmation to the established MAOP is determined not to MO.GOCLASS.CLASSLOCATEREV.P) (detail)  1. Sp2.605(b)(1) (192.611(a); 192.611(b); 192.611(c); 1.92.611(d))  1. Potes  2. Change in Class Location Confirmation in the segment confirmation of the seg	mation or Replace to be confirmed or in the commensural Sat+	vision of revised with the with the Sat	of MAOP (contains and contains	letail) Do s whenever s location?  Unsat	nes the protection the hoop  NA	N C
1. Change in Class Location Confirm nature a requirement that the MAOP of a pipeline segment corresponding to the established MAOP is determined not to MO.GOCLASS.CLASSLOCATEREV.P) (detail) 192.605(b)(1) (192.611(a); 192.611(b); 192.611(c); 192.611(d))  Notes  2. Change in Class Location Confirm	mation or Report to be confirmed or in the commensural Sat+  mation or Report Tequired? (MO.G.	vision crevised with the with the Sat	concern  of MAOP (concern  of MAOP (concern	letail) Do s whenever s location?  Unsat  confirm) REV.R) (confirm)	NA  Was the I	N (

	Sat+	Sat	Concern	Unsat	NA	NC
Notes				1		
4. Change in Class Location Required S						
perator conduct a study whenever an increase in population del perating at a hoop stress that is more than 40% SMYS? (MO.GC					a pipeline	segm
92.605(b)(1) (192.609(a); 192.609(b); 192.609(c);	Sat+	Sat	Concern		N A	N
92.609(d); 192.609(e); 192.609(f))	3417	Jac	Concern	Olisat		14,
lotes						
iotes						
5. Change in Class Location Required S	Study (co	nfirm)	Do records in	dicate perfo	rmance o	f the
equired study whenever the population along a pipeline increase	ed or there v	was an inc	lication that th			
ommensurate with the present class location? (MO.GOCLASS.Cl	ASSLOCATE	ESTUDY.R	) (confirm)	I I		
92.605(b)(1) (192.609(a); 192.609(b); 192.609(c);	Sat+	Sat	Concern	Unsat	NA	N
92.609(d); 192.609(e); 192.609(f))						
92.609(d); 192.609(e); 192.609(f))						
Notes  6. Continuing Surveillance (detail) Does						
urveillance of pipeline facilities, and also for reconditioning, pha	sing out, or	reducing .	the MAOP in a	pipeline se	gment tha	t is
Notes  6. Continuing Surveillance (detail) Does	sing out, or	reducing .	the MAOP in a	pipeline se	gment tha	t is
Notes  6. Continuing Surveillance (detail) Does urveillance of pipeline facilities, and also for reconditioning, pha etermined to be in unsatisfactory condition but on which no imr detail)	sing out, or	reducing .	the MAOP in a	pipeline se SS.CONTSUI	gment tha	t is
Notes  6. Continuing Surveillance (detail) Does urveillance of pipeline facilities, and also for reconditioning, pha etermined to be in unsatisfactory condition but on which no immidetail)	sing out, or nediate haza	reducing ard exists	the MAOP in a ? (MO.GOCLAS	pipeline se SS.CONTSUI	gment tha RVEILLANG	t is CE.P)
6. Continuing Surveillance (detail) Does urveillance of pipeline facilities, and also for reconditioning, phase termined to be in unsatisfactory condition but on which no implication (detail) 92.605(e) (192.613(a); 192.613(b); 192.703(b); 192.703(c))	sing out, or nediate haza	reducing ard exists	the MAOP in a ? (MO.GOCLAS	pipeline se SS.CONTSUI	gment tha RVEILLANG	t is CE.P)
6. Continuing Surveillance (detail) Does urveillance of pipeline facilities, and also for reconditioning, phase termined to be in unsatisfactory condition but on which no implemental.)  92.605(e) (192.613(a); 192.613(b); 192.703(b); 192.703(c))	sing out, or nediate haza	reducing ard exists	the MAOP in a ? (MO.GOCLAS	pipeline se SS.CONTSUI	gment tha RVEILLANG	t is CE.P)
6. Continuing Surveillance (detail) Does urveillance of pipeline facilities, and also for reconditioning, phase termined to be in unsatisfactory condition but on which no implication (detail) 92.605(e) (192.613(a); 192.613(b); 192.703(b); 192.703(c))	sing out, or nediate haza	reducing ard exists	the MAOP in a ? (MO.GOCLAS	pipeline se SS.CONTSUI	gment tha RVEILLANG	t is CE.P)
6. Continuing Surveillance (detail) Does urveillance of pipeline facilities, and also for reconditioning, phase termined to be in unsatisfactory condition but on which no implication (detail) 92.605(e) (192.613(a); 192.613(b); 192.703(b); 192.703(c))	sing out, or nediate haza	reducing ard exists	the MAOP in a ? (MO.GOCLAS	pipeline se SS.CONTSUI	gment tha RVEILLANG	t is CE.P)
6. Continuing Surveillance (detail) Does urveillance of pipeline facilities, and also for reconditioning, phase termined to be in unsatisfactory condition but on which no immediatil)  92.605(e) (192.613(a); 192.613(b); 192.703(b); 192.703(c))  Notes  7. Continuing Surveillance (confirm) D	Sat+	reducing ard exists  Sat	the MAOP in a ? (MO.GOCLAS  Concern	pipeline se SS.CONTSUI	gment tha RVEILLANG NA	t is CE.P)
6. Continuing Surveillance (detail) Does urveillance of pipeline facilities, and also for reconditioning, phase termined to be in unsatisfactory condition but on which no immediatil)  92.605(e) (192.613(a); 192.613(b); 192.703(b); 192.703(c))  Notes  7. Continuing Surveillance (confirm) Descilities as required, and also the reconditioning, phasing out, or	Sat+  orecords inc. MAOP redu	reducing ard exists  Sat  dicate per action in a	the MAOP in a ? (MO.GOCLAS  Concern  formance of cony pipeline seg	pipeline se SS.CONTSUI Unsat	gment tha RVEILLANG N A	t is CE.P)  Note of the mined
6. Continuing Surveillance (detail) Does urveillance of pipeline facilities, and also for reconditioning, phase termined to be in unsatisfactory condition but on which no immediatil)  92.605(e) (192.613(a); 192.613(b); 192.703(b); 192.703(c))  Notes  7. Continuing Surveillance (confirm) Descilities as required, and also the reconditioning, phasing out, one in unsatisfactory condition but on which no immediate hazard	Sat+  orecords ine existed? (M	reducing ard exists  Sat  dicate per action in a 10.GOCLA	Concern  formance of concy pipeline seg	pipeline se SS.CONTSUI Unsat	ment that RVEILLANG NA NA urveillance was deteri R) (confirm	of mined
6. Continuing Surveillance (detail) Does urveillance of pipeline facilities, and also for reconditioning, phase termined to be in unsatisfactory condition but on which no impletail) 92.605(e) (192.613(a); 192.613(b); 192.703(b); 192.703(c)) Notes  7. Continuing Surveillance (confirm) Description of the property of th	Sat+  orecords inc. MAOP redu	reducing ard exists  Sat  dicate per action in a	the MAOP in a ? (MO.GOCLAS  Concern  formance of cony pipeline seg	Unsat  Unsat  Ontinuing summent that if	gment tha RVEILLANG N A	t is CE.P)  Note of mined

continuing surveillance of facilities and the pipeline	102 702(-))	C-1.	C = 1	0	11	N. A.	N. C
.l92.613(a) (192.613(b); 192.703(a); 192.703(b);	192./03(c))	Sat+	Sat	Concern	Unsat	NA	N C
Notes		ı					
·		-			l) Does the	e process i	nclude
1. Maximum Allowable Opera rocedures for determining the maximum allowabl	ating Press	ure Det	erminat	tion (detai			
1. Maximum Allowable Opera procedures for determining the maximum allowable MO.GOMAOP.MAOPDETERMINE.P) (detail)	ating Press	ure Det	erminat	tion (detai			519?
Maintenance and Operation  1. Maximum Allowable Operation  procedures for determining the maximum allowable MO.GOMAOP.MAOPDETERMINE.P) (detail)  1. Maximum Allowable Operation  1. Maximum Allowable Operation  2. Moces  1. Maximum Allowable Operation  2. Moces  1. Maximum Allowable Operation  2. Maximum Allowable Operation  3. Maximum Allowable Operation  4. Maximum Allowable Operation  5. Maximum Allowable Operation  6. Maximum Allowable Operation  8. Maximum Allowable Operation  8. Maximum Allowable Operation  8. Maximum Allowable Operation  9. Maximum Allowable Oper	ating Press	ure Deto	erminat pipeline s	tion (detai	ordance wit	h §192.6	
1. Maximum Allowable Opera procedures for determining the maximum allowable MO.GOMAOP.MAOPDETERMINE.P) (detail) 92.605(b)(1) (192.619(a); 192.619(b))	ating Press	ure Deto	erminat pipeline s	tion (detai	ordance wit	h §192.6	519?
1. Maximum Allowable Opera procedures for determining the maximum allowable MO.GOMAOP.MAOPDETERMINE.P) (detail) .92.605(b)(1) (192.619(a); 192.619(b))	ating Press	ure Deto	erminat pipeline s	tion (detai	ordance wit	h §192.6	519?
1. Maximum Allowable Opera procedures for determining the maximum allowable MO.GOMAOP.MAOPDETERMINE.P) (detail) .92.605(b)(1) (192.619(a); 192.619(b))	ating Press e operating pre	Sat+	erminat pipeline s Sat	Concern	Unsat  Unsat	Ν <b>Α</b>	519? N C

allowed for operation of pressure-limiting and control devices? (M	IO.GOMAOP	MAOPLIM	IIT.P) (detail)			
192.605(a) (192.605(b)(5))	Sat+	Sat	Concern	Unsat	NA	NC
Notes			·			

**3. Normal Operations and Maintenance Procedures (detail)** Does the process include procedures for starting up and shutting down any part of the pipeline in a manner to assure operation with the MAOP limits, plus the build-up

Notes

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192.603(b) (192.605(b)(5))	Sat+	Sat	Concern	Unsat	N A	NC
1521003(5) (1521003(5)(5))			Comcorni	0.11541		
Notes						
<b>Maintenance and Operations - Ga</b>	s Pipe	line I	<b>Mainten</b>	ance		
-	_					
1. Abandonment or Deactivation of Pipe process include adequate requirements for the abandonment and						
(detail) 192.605(b)(1) (192.727(a); 192.727(b); 192.727(c);						1
192.727(d); 192.727(e); 192.727(f); 192.727(g))	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
		F:::::				
2. Abandonment or Deactivation of Pipe indicate pipelines and facilities were abandoned or deactivated in						
indicate pipelines and facilities were abandoned or deactivated ir 192.709(c) (192.727(a); 192.727(b); 192.727(c); 192.727(d);						
indicate pipelines and facilities were abandoned or deactivated ir 192.709(c) (192.727(a); 192.727(b); 192.727(c); 192.727(d);	accordance	with requ	uirements? (M	O.GM.ABAN	DONPIPE.	R) (deta
indicate pipelines and facilities were abandoned or deactivated in 192.709(c) (192.727(a); 192.727(b); 192.727(c); 192.727(d); 192.727(e); 192.727(f); 192.727(g))	accordance	with requ	uirements? (M	O.GM.ABAN	DONPIPE.	R) (deta
indicate pipelines and facilities were abandoned or deactivated ir 192.709(c) (192.727(a); 192.727(b); 192.727(c); 192.727(d);	accordance	with requ	uirements? (M	O.GM.ABAN	DONPIPE.	R) (deta
indicate pipelines and facilities were abandoned or deactivated in 192.709(c) (192.727(a); 192.727(b); 192.727(c); 192.727(d); 192.727(e); 192.727(f); 192.727(g))	accordance	with requ	uirements? (M	O.GM.ABAN	DONPIPE.	R) (deta
indicate pipelines and facilities were abandoned or deactivated in 192.709(c) (192.727(a); 192.727(b); 192.727(c); 192.727(d); 192.727(e); 192.727(f); 192.727(g))	accordance	with requ	uirements? (M	O.GM.ABAN	DONPIPE.	R) (deta
indicate pipelines and facilities were abandoned or deactivated in 192.709(c) (192.727(a); 192.727(b); 192.727(c); 192.727(d); 192.727(e); 192.727(f); 192.727(g))  Notes  3. Abandonment or Deactivation of Pipe	Sat+	Sat	Concern  (detail) (pre	Unsat  esented abo	N A	R) (deta
indicate pipelines and facilities were abandoned or deactivated in 192.709(c) (192.727(a); 192.727(b); 192.727(c); 192.727(d); 192.727(e); 192.727(f); 192.727(g))  Notes  3. Abandonment or Deactivation of Pipe segments and facilities abandoned in accordance with requirements.	Sat+	Sat	Concern  (detail) (pre	Unsat  esented abo	N A	R) (deta
ndicate pipelines and facilities were abandoned or deactivated in 192.709(c) (192.727(a); 192.727(b); 192.727(c); 192.727(d); 192.727(e); 192.727(f); 192.727(g))  Notes  3. Abandonment or Deactivation of Pipe	Sat+	Sat	Concern  (detail) (pre	Unsat  esented abo	N A	R) (deta
ndicate pipelines and facilities were abandoned or deactivated in 192.709(c) (192.727(a); 192.727(b); 192.727(c); 192.727(d); 192.727(e); 192.727(f); 192.727(g))  Notes  3. Abandonment or Deactivation of Pipe segments and facilities abandoned in accordance with requirement 192.727(a) (192.727(b); 192.727(c); 192.727(d); 192.727(e);	Sat+  e and Facents? (MO.GN	Sat Sat Silities (	Concern  (detail) (pre	Unsat  esented aborail)	N A	R) (deta
ndicate pipelines and facilities were abandoned or deactivated in 192.709(c) (192.727(a); 192.727(b); 192.727(c); 192.727(d); 192.727(e); 192.727(f); 192.727(g))  Notes  3. Abandonment or Deactivation of Pipe regments and facilities abandoned in accordance with requirement 192.727(a) (192.727(b); 192.727(c); 192.727(d); 192.727(e);	Sat+  e and Facents? (MO.GN	Sat Sat Silities (	Concern  Concern  (detail) (pre	Unsat  esented aborail)	N A	R) (deta

4. Dynamic Riser Inspect	ion, Maintenance	, and Monitoring	Records on Offshore
,	- ,	,	

**Floating Facilities (detail)** Do records for Dynamic Riser Inspection, Maintenance, and Monitoring on Offshore Floating Facilities document the safe and reliable operation of these systems? (MO.GM.DYNAMICRISER.R) (detail)

	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
5. Prevention of Accidental Ignition anger of accidental ignition where gas constitutes a hazar					minimizing	g the
92.605(b)(1) (192.751(a); 192.751(b); 192.751(c))	Sat+	Sat	Concern	Unsat	NA	N
(a), (a), (a), (a), (a), (a), (a), (a),				0.11001		
otes						
otes						
6 B 6 A						_
6. Prevention of Accidental Ignition inimizing the danger of accidental ignition where the pre-						for
10.GM.IGNITION.R) (detail)						
2.709 (192.751(a); 192.751(b); 192.751(c))	Sat+	Sat	Concern	Unsat	NA	N
lotes						
lotes						
lotes						
lotes						
	( <b>detail)</b> Are fie	eld activiti	es adequate o	n a gas trai	nsmission	line wh
7. Prevention of Accidental Ignition			es adequate o	n a gas trai	nsmission	line wl
7. Prevention of Accidental Ignition ere exists the potential for accidental ignition? (MO.GM.I			es adequate o	n a gas trai	nsmission N A	
7. Prevention of Accidental Ignition ere exists the potential for accidental ignition? (MO.GM.I	GNITION.O) (deta	il)				line wl
7. Prevention of Accidental Ignition ere exists the potential for accidental ignition? (MO.GM.I 92.751(a) (192.751(b); 192.751(c))	GNITION.O) (deta	il)				
7. Prevention of Accidental Ignition ere exists the potential for accidental ignition? (MO.GM.I 92.751(a) (192.751(b); 192.751(c))	GNITION.O) (deta	il)				
7. Prevention of Accidental Ignition ere exists the potential for accidental ignition? (MO.GM.I 92.751(a) (192.751(b); 192.751(c))	GNITION.O) (deta	il)				
7. Prevention of Accidental Ignition ere exists the potential for accidental ignition? (MO.GM.I 92.751(a) (192.751(b); 192.751(c))	GNITION.O) (deta	il)				
7. Prevention of Accidental Ignition pere exists the potential for accidental ignition? (MO.GM.I.92.751(a) (192.751(b); 192.751(c))	Sat+	Sat	Concern	Unsat	NA	NO
7. Prevention of Accidental Ignition pere exists the potential for accidental ignition? (MO.GM.I. 92.751(a) (192.751(b); 192.751(c))  Notes  8. Transmission Lines Record Keepi paintain a record of each pipe/"other than pipe" repair, NI	Sat+  ng (detail) Do	es the pro	Concern	Unsat	<b>NA</b>	N (
7. Prevention of Accidental Ignition pere exists the potential for accidental ignition? (MO.GM.I. p2.751(a) (192.751(b); 192.751(c))  Notes  8. Transmission Lines Record Keepi paintain a record of each pipe/"other than pipe" repair, Notes  spection or test? (MO.GM.RECORDS.P) (detail)	Sat+  ng (detail) Do	es the pro	Concern	Unsat	<b>NA</b>	N (
nere exists the potential for accidental ignition? (MO.GM.I 92.751(a) (192.751(b); 192.751(c)) Notes	Sat+  ng (detail) Do	es the pro	Concern	Unsat a requireme abparts L or	<b>NA</b>	N (
7. Prevention of Accidental Ignition pere exists the potential for accidental ignition? (MO.GM.I. p2.751(a) (192.751(b); 192.751(c))  Notes  8. Transmission Lines Record Keepi paintain a record of each pipe/"other than pipe" repair, Notes  spection or test? (MO.GM.RECORDS.P) (detail)	ng (detail) Do	es the pro	Concern  ocess include a	Unsat a requireme abparts L or	<b>N A</b> nt that the M) patrol,	N (

pipe/"other than pipe" repair, NDT required record, and (as requi (MO.GM.RECORDS.R) (detail)						
192.605(b)(1) (192.243(f); 192.709(a); 192.709(b); 192.709(c))	Sat+	Sat	Concern	Unsat	N A	N C
Notes						
10. Valve Maintenance Transmission Lin and partially operating each transmission line valve that might be but at least once each calendar year and for taking prompt remed MO.GM.VALVEINSPECT.P) (detail)	e required ir	an emer	gency at interv	als not exc	eeding 15	
192.605(b)(1) (192.745(a); 192.745(b))	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
11. Valve Maintenance Transmission Lin	es (conf		records indica	ate nroner ii	nsnection	and
	during an e	emergenc				
partial operation of transmission line valves that may be required taken if necessary? (MO.GM.VALVEINSPECT.R) (confirm) 192.709(c) (192.745(a); 192.745(b))	Sat+	Sat				
Raken if necessary? (MO.GM.VALVEINSPECT.R) (confirm) 192.709(c) (192.745(a); 192.745(b))  Notes	Sat+	Sat	Concern	Unsat	N A	N C
Notes  12. Valve Maintenance Transmission Line operation of transmission line valves adequate? (MO.GM.VALVEIN	Sat+  es (deta	Sat  iii) (pres detail)	Concern  Concern  ented above)	Unsat  Are field ins	N A  pection ar	N C
Notes  12. Valve Maintenance Transmission Lin	Sat+	Sat	Concern	Unsat  Are field ins	N A	N C
Notes  12. Valve Maintenance Transmission Line operation of transmission line valves adequate? (MO.GM.VALVEIN	Sat+  es (deta	Sat  iii) (pres detail)	Concern  Concern  ented above)	Unsat  Are field ins	N A  pection ar	N C
12. Valve Maintenance Transmission Lingperation of transmission line valves adequate? (MO.GM.VALVEINDES.745(a) (192.745(b))  Notes  12. Valve Maintenance Transmission Lingperation of transmission line valves adequate? (MO.GM.VALVEINDES.745(a) (192.745(b))  Notes  13. Vault Maintenance (detail) Does the proportion of	Sat+  Des (deta SPECT.O) ( Sat+  Decess include intervals no	Sat  (pres (detail)  Sat  (le inspection exceeding)	ented above)  Concern  Concern  Concern	Unsat  Are field ins  Unsat  that houses but at leas	pection ar  NA	nd partial NC
12. Valve Maintenance Transmission Line peration of transmission line valves adequate? (MO.GM.VALVEIN 192.745(a))  Notes  13. Vault Maintenance (detail) Does the proper limiting equipment that is 200 cubic feet or more in volume at calendar year, to determine that it is in good physical condition a needed? (MO.GM.VAULTINSPECT.P) (detail)	Sat+  Des (deta SPECT.O) ( Sat+  Decess include intervals no	Sat  (pres (detail)  Sat  (le inspection exceeding)	ented above)  Concern  Concern  Concern	Unsat  Are field ins  Unsat  that houses but at leas	pection ar  NA	nd partial NC
12. Valve Maintenance Transmission Line peration of transmission line valves adequate? (MO.GM.VALVEIN 192.745(a))  Notes  12. Valve Maintenance Transmission Line peration of transmission line valves adequate? (MO.GM.VALVEIN 192.745(a) (192.745(b))  Notes  13. Vault Maintenance (detail) Does the proper limiting equipment that is 200 cubic feet or more in volume at	Sat+  Des (details   Section   Secti	Sat  iii) (pres detail)  Sat  le inspection exceedial ely ventila	ented above)  Concern  Concern  Concern  ng each vault ng 15 months, ited and that r	Unsat  Unsat  Unsat  Unsat  that houses but at leasemedial act	pection ar  NA  Pection ar  NA	nd partial NC regulations

in good physical condition and adequately ventilated as requ (MO.GM.VAULTINSPECT.R) (detail)	,,	essary ac	cion taken to i			
192.605(b)(1) (192.749(a); 192.749(b); 192.749(c); 192.749(d))	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
15. Vault Maintenance (detail) Are vau	ılt inspections ad	lequate? (	MO.GM.VAULT	INSPECT.O	) (detail)	
192.749(a) (192.749(b); 192.749(c); 192.749(d))	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
<b>16. Holders (detail)</b> Does the process includ type holders? (MO.GM.HOLDER.P) (detail)	de systematic and	d routine	testing and ins	spection of p	ipe-type (	or bottle
type holders? (MO.GM.HOLDER.P) (detail)	de systematic and	d routine	testing and ins	epection of p	nipe-type o	or bottle
type holders? (MO.GM.HOLDER.P) (detail)			-			
type holders? (MO.GM.HOLDER.P) (detail)  192.605(a) (192.605(b)(10))  Notes  17. Holders (detail) Do records indicate systems	Sat+	Sat	Concern	Unsat	N A	N C
type holders? (MO.GM.HOLDER.P) (detail)  192.605(a) (192.605(b)(10))  Notes	Sat+	Sat	Concern	Unsat	N A	N C

#### **Maintenance and Operations - Gas Pipeline Odorization**

92.605(b)(1) (192.625(a); 192.625(b); 192.625(c);	Sat+	Sat	Concern	Unsat	NA	N C
.92.625(d); 192.625(e); 192.625(f))						
Notes		ı		1		
2. Odorization of Gas (detail) Do records in ccordance with its procedures and conduct of the required testing MO.GOODOR.ODORIZE.R) (detail)					e gases in	
92.709(c) (192.625(a); 192.625(b); 192.625(c); 192.625(d); 92.625(e); 192.625(f))	Sat+	Sat	Concern	Unsat	N A	N C
Notes						
<b>3. Odorization of Gas (detail)</b> Is sampling of letermining the percentage of gas in air at which it becomes rea						le of
etermining the percentage of gas in air at which it becomes rea						le of
etermining the percentage of gas in air at which it becomes rea	dily detecta	ble? (MO.	GOODOR.ODO	RIZE.O) (de	etail)	
etermining the percentage of gas in air at which it becomes rea 92.625(f)	dily detecta	ble? (MO.	GOODOR.ODO	RIZE.O) (de	etail)	
etermining the percentage of gas in air at which it becomes rea 92.625(f)	dily detecta	ble? (MO.	GOODOR.ODO	RIZE.O) (de	etail)	
etermining the percentage of gas in air at which it becomes rea	dily detecta	ble? (MO.	GOODOR.ODO	RIZE.O) (de	etail)	
etermining the percentage of gas in air at which it becomes rea 92.625(f)	dily detecta	ble? (MO.	GOODOR.ODO	RIZE.O) (de	etail)	
etermining the percentage of gas in air at which it becomes rea	dily detecta	ble? (MO.	GOODOR.ODO	RIZE.O) (de	etail)	
etermining the percentage of gas in air at which it becomes rea	dily detecta	ble? (MO.	GOODOR.ODO	RIZE.O) (de	etail)	
etermining the percentage of gas in air at which it becomes rea 92.625(f) <b>Notes</b>	Sat+	ble? (MO.	GOÓDOR.ODÓ Concern	RIZE.O) (de	etail)	
	Sat+	ble? (MO.	GOÓDOR.ODÓ Concern	RIZE.O) (de	etail)	
Maintenance and Operations - Ga  1. Continuing Surveillance (detail) Does	sat+  Sat+  Is Pipe  the process	line (	Operation of the contract of t	Unsat  Unsat  DNS	N A	NC
Maintenance and Operations - Ga	sat+  Sat+  Is Pipe  the process asing out, or	line (	Operation of the MAOP in a	Unsat Unsat  DNS  Derforming pipeline seg	N A  Continuing gment that	N C
Alaintenance and Operations - Gas in air at which it becomes really and the percentage of gas in air at which it becomes really a second or second	sat+  Sat+  Is Pipe  the process asing out, or	line (	Operation of the MAOP in a	Unsat Unsat  DNS  Derforming pipeline seg	N A  Continuing gment that	N C
Alaintenance and Operations - Ga  1. Continuing Surveillance (detail) Does  urveillance of pipeline facilities, and also for reconditioning, pha	Sat+  Sat+  Is Pipe  the process asing out, or mediate haze	Sat  Since (MO.	Operation of the MAOP in a P (MO.GO.COM	Unsat Unsat  DNS  Derforming pipeline seguitsurveille	continuing gment that ANCE.P) (0	t is detail)

	C	C - 1	C = = = = = =	11	NI A	NI C
192.709(c) (192.613(a); 192.613(b); 192.703(b); 192.703(c))	Sat+	Sat	Concern	Unsat	N A	NC
Notes	1			<u> </u>		
3. Continuing Surveillance (detail) Are un continuing surveillance of facilities and the pipeline as required by	192.613?	(MO.GO.0	CONTSURVEILL	ANCE.O) (d	letail)	
.92.613(a) (192.613(b); 192.703(a); 192.703(b); 192.703(c))	Sat+	Sat	Concern	Unsat	N A	N C
Notes						
4. Pipeline Purging (detail) Does the process	include req	uirements	for purging of	pipelines in	accordan	ce with
192.629? (MO.GO.PURGE.P) (detail) 192.605(b)(1) (192.629(a); 192.629(b))	Sat+	Sat	Concern	Unsat	N A	N C
132.003(0)(1) (132.023(0))	Juti	Jut	Concern	Olisac		
5. Normal Maintenance and Operations						
manual at intervals not exceeding 15 months, but at least once e	ach calenda	ar year? (I	MO.GO.OMANN	IUALREVIEV	V.P) (detai	l)
5. Normal Maintenance and Operations						
5. Normal Maintenance and Operations manual at intervals not exceeding 15 months, but at least once e	ach calenda	ar year? (I	MO.GO.OMANN	IUALREVIEV	V.P) (detai	l)
5. Normal Maintenance and Operations manual at intervals not exceeding 15 months, but at least once et 192.605(a)  Notes  6. Normal Maintenance and Operations	Sat+	n) Has th	Concern  e operator con	Unsat	V.P) (detai	N C
5. Normal Maintenance and Operations manual at intervals not exceeding 15 months, but at least once et 192.605(a)  Notes  6. Normal Maintenance and Operations written procedures in the manual as required? (MO.GO.OMANNUA	Sat+  (confirm	n) Has th	Concern  e operator con	Unsat  Unsat	V.P) (detai	N C
5. Normal Maintenance and Operations manual at intervals not exceeding 15 months, but at least once el 192.605(a)  Notes	Sat+	n) Has th	Concern  e operator con	Unsat	V.P) (detai	N C

92.605(a) (192.605(b)(8))		Sat+	Sat	Concern	Unsat	NA	N C
Notes							
8. Normal Operations eriodic review of the work done by oper ormal operations and maintenance and confirm)	ator personnel to detern	ine the effe	ectiveness	, and adequac	y of the pro	cedures u	sed in
92.605(a) (192.605(b)(8))		Sat+	Sat	Concern	Unsat	NA	N C
Notes							
equirements for making construction red MO.GO.OMHISTORY.P) (detail) 92.605(a) (192.605(b)(3))	, , , , , , , , , , , , , , , , , , , ,	Sat+	Sat	Concern		NA	N C
Notes		I					
<b>10. Normal Operations</b> haps and operating history available to a						constructio	on reco
naps and operating history available to a					letail)	constructio	n recor
naps and operating history available to a		rsonnel? (M	O.GO.OM	HISTORY.R) (c	letail)		1
naps and operating history available to a 92.605(a) (192.605(b)(3))  Notes	appropriate operating pe	sat+	O.GO.OMI Sat	HISTORÝ.Ř) (c	Unsat	NA	N C
naps and operating history available to a 92.605(a) (192.605(b)(3))  Notes  11. Normal Operations haps and operating history available to a	appropriate operating pe	Procedursonnel? (M	O.GO.OMI  Sat  Jres - H O.GO.OMI	Concern  listory (de	tail) Are o	<b>N A</b>	N C
naps and operating history available to a separation of the separa	appropriate operating pe	Sat+ Procedu	o.Go.omi Sat	Concern	tail) Are o	NA	N C

192.605(a)	Sat+	Sat	Concern	Unsat	NA	NC
Notes	'					
13. Safety Related Conditions (detai operation and maintenance activities to recognize condition						
detail)	,,,	,				,
192.605(a) (192.605(d); 191.23(a))	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
Notes						
<b>14. Customer Notification (detail)</b> Is of 192.16? (MO.GO.CUSTNOTIFY.P) (detail)	s a customer notifi	ication pro	ocess in place i	that satisfie	s the requ	iiremen
192.13(c) (192.16(a); 192.16(b); 192.16(c); 192.16(d))	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
15. Customer Notification (detail)	o records indicate	the custo	omer notificatio	on process s	satisfies th	e
requirements of 192.16? (MO.GO.CUSTNOTIFY.R) (detail)	C-1.1	C-1	0	11		N.C
192.16(d) (192.16(a); 192.16(b); 192.16(c))	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
	the process requir	re prompt	response to th	ne report of	a gas odd	r inside
16. Gas Odor Response (detail) Does						
near a building? (MO.GO.ODDOR.P) (detail)	Sat≠	Sat	Concern	Unsat	NΔ	NC
	Sat+	Sat	Concern	Unsat	NA	N C

192.13(c) (192.553(a); 192.553(b); 192.553(c); 192.553(d))	Sat+	Sat	Concern	Unsat	NA	NC
.92.13(c) (192.553(d), 192.553(U), 192.553(C), 192.553(U))	Salt	Sat	Concern	Unsat	NA	NC
Notes						
<b>18. Uprating (detail)</b> Do records indicate the pre 92.553? (MO.GO.UPRATE.R) (detail)	essure uprat	ing proce	ss was implem	ented per t	he require	ements
92.553(b) (192.553(a); 192.553(c); 192.553(d))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
votes						
19. Outer Continental Shelf (detail) Do rec		e specific	point(s) at wh	ich operatin	ng respons	sibility
<b>19. Outer Continental Shelf (detail)</b> Do rec ransfers to a producing operator, as applicable? (MO.GO.OCS.R)		e specific Sat	point(s) at wh	ich operatin	ng respons	ibility N C
	(detail)			·		1
<b>19. Outer Continental Shelf (detail)</b> Do rec ransfers to a producing operator, as applicable? (MO.GO.OCS.R) 92.10	(detail)			·		1
<b>19. Outer Continental Shelf (detail)</b> Do rec ransfers to a producing operator, as applicable? (MO.GO.OCS.R) 92.10	(detail)			·		1
19. Outer Continental Shelf (detail) Do rectantsfers to a producing operator, as applicable? (MO.GO.OCS.R) 92.10 Notes  20. Outer Continental Shelf (detail) Are sp	(detail)  Sat+  ecific point(s	Sat	Concern	Unsat	NA	NC
19. Outer Continental Shelf (detail) Do rectansfers to a producing operator, as applicable? (MO.GO.OCS.R) 92.10  Notes  20. Outer Continental Shelf (detail) Are spaceful and applicable? (MO.GO.OCS.O) (detail)	(detail)  Sat+  ecific point(s	Sat	Concern	Unsat	NA	NC
19. Outer Continental Shelf (detail) Do rec ransfers to a producing operator, as applicable? (MO.GO.OCS.R) 92.10 Notes	ecific point(stail)	Sat  Sat  s) at whice	Concern  h operating re	Unsat	N A transfers	N C

### **Maintenance and Operations - Gas Pipeline Overpressure Protection**

least once each calendar year, that the capacity of each p stations has sufficient capacity, and for installing a new or capacity? (MO.GMOPP.PRESSREGCAP.P) (detail)	ressure relief devic	e at press		ations and	pressure r	egulatin
192.605(b)(1) (192.743(a); 192.743(b); 192.743(c))	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
2. Pressure Limiting and Regulating records indicate testing or review of the capacity of each pregulating station as required and a new or additional dev (MO.GMOPP.PRESSREGCAP.R) (confirm)	pressure relief devi	ce at each	pressure limi	ting station	and press	
192.709(c) (192.743(a); 192.743(b); 192.743(c))	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
and their equipment at intervals not exceeding 15 months	h pressure limiting	station, re	elief device, an	nd pressure		
process include procedures for inspecting and testing each and their equipment at intervals not exceeding 15 months (MO.GMOPP.PRESSREGTEST.P) (detail)	h pressure limiting	station, re	elief device, an	nd pressure required?		
3. Pressure Limiting and Regulatir process include procedures for inspecting and testing each and their equipment at intervals not exceeding 15 months (MO.GMOPP.PRESSREGTEST.P) (detail) 192.605(b)(1) (192.739(a); 192.739(b))  Notes	h pressure limiting s, but at least once	station, re each cale	elief device, an ndar year as r	nd pressure required?	regulating	station
process include procedures for inspecting and testing each and their equipment at intervals not exceeding 15 months (MO.GMOPP.PRESSREGTEST.P) (detail) 192.605(b)(1) (192.739(a); 192.739(b))	s, but at least once  Sat+	station, re each cale Sat	Concern  Concern	unsat Unsat	NA Nfirm) L	N C
Pressure Limiting and Regulating indicate inspection and testing, relief of intervals? (MO.GMOPP.PRESSREGTEST.P) (Mo.GMOPP.PRESSREGTEST.P) (Mo.GMOPP.PRESSREGTEST.P) (Mo.GMOPP.PRESSREGTEST.P) (Mo.GMOPP.PRESSREGTEST.P) (Mo.GMOPP.PRESSREGTEST.R) (Mo.GMOPP.PRESSREGTEST.R) (Confirm)	s, but at least once  Sat+	station, re each cale Sat	Concern  Concern	unsat Unsat	NA Nfirm) L	N C
process include procedures for inspecting and testing each and their equipment at intervals not exceeding 15 months (MO.GMOPP.PRESSREGTEST.P) (detail)  192.605(b)(1) (192.739(a); 192.739(b))  Notes  4. Pressure Limiting and Regulating indicate inspection and testing of pressure limiting, relief of the second content of the secon	Sat+  ng Stations Indevices, and pressure	station, re each cale Sat spection ure regula	Concern  Concern  and Test	Unsat ting (cor	NA  Nairm) L  and at the	N C
A. Pressure Limiting and Regulating indicate inspection and testing relief intervals? (MO.GMOPP.PRESSREGTEST.P) (Motes  4. Pressure Limiting and Regulating indicate inspection and testing of pressure limiting, relief intervals? (MO.GMOPP.PRESSREGTEST.R) (confirm) (192.709(c) (192.739(a); 192.739(b))	Sat+  ng Stations Indevices, and pressure	station, re each cale Sat spection ure regula	Concern  Concern  and Test ting stations a	Unsat ting (cor	NA  Nairm) L  and at the	N C

		T				
192.739(a) (192.739(b); 192.743)	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
6. Transmission Lines Record Keepir maintain a record of each pipe/"other than pipe" repair, ND inspection or test? (MO.GMOPP.RECORDS.P) (detail)						
192.605(b)(1) (192.709(a); 192.709(b); 192.709(c))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
7. Transmission Lines Record Keepir pipe/"other than pipe" repair, NDT required record, and (as			M) patrol, surv	vey, inspect	ion or test	?
pipe/"other than pipe" repair, NDT required record, and (as (MO.GMOPP.RECORDS.R) (detail)			M) patrol, surv	ey, inspect	ion or test	?
pipe/"other than pipe" repair, NDT required record, and (as			Concern	Unsat	N A	?

## Maintenance and Operations - ROW Markers, Patrols, Leakage Survey and Monitoring

**1. Patrolling Requirements (detail)** Does the process adequately cover the requirements for patrolling the ROW and conditions reported? (MO.RW.PATROL.P) (detail)

192.705(a) (192.705(b); 192.705(c))	Sat+	Sat	Concern	Unsat	NA	NC
Notes						

	Sat+	Sat	Concern	Unsat	NA	NC
192.709(c) (192.705(a); 192.705(b); 192.705(c))	3411			onsut	1171	
Notes						
3. ROW Markers Requirements (detail) In the following the	Does the pro	ocess ade	quately cover	the requirer	ments for p	olaceme
192.707(a) (192.707(b); 192.707(c); 192.707(d); CGA Best Practices, v4.0, Practice 2-5; CGA Best Practices, v4.0, Practice 4-20)	Sat+	Sat	Concern	Unsat	N A	NC
Notes						
4. Placement of ROW Markers (confirm) required? (MO.RW.ROWMARKER.O) (confirm)	(presented	l above) A	re line marker	rs placed an	d maintair	ned as
192.707(a) (192.707(b); 192.707(c); 192.707(d); CGA Best	Sat+	Sat	Concern	Unsat	N A	NC
Practices, v4.0, Practice 2-5; CGA Best Practices, v4.0, Practice 4-20)	Заст	Sat	Concern	Olisat		
	Заст	Sat	Concern	Olisac		
	Satt	341	Concern	Olisat		
1-20)	Satt	341	Concern	Olisat		
1-20)						
Notes  5. ROW Conditions (confirm) (presented abused? (MO.RW.ROWCONDITION.O) (confirm)						
Notes  5. ROW Conditions (confirm) (presented abused? (MO.RW.ROWCONDITION.O) (confirm) 92.705(a) (192.705(c))	ove) Are the	e ROW co.	nditions accep	table for the	e type of p	patrolling
Notes  5. ROW Conditions (confirm) (presented ab	ove) Are the	e ROW co.	nditions accep	table for the	e type of p	patrolling
Notes  5. ROW Conditions (confirm) (presented abused? (MO.RW.ROWCONDITION.O) (confirm) 192.705(a) (192.705(c))	ove) Are the	e ROW co.	nditions accep	table for the	e type of p	patrolling
5. ROW Conditions (confirm) (presented abused? (MO.RW.ROWCONDITION.O) (confirm) 192.705(a) (192.705(c))  Notes  6. Leakage Surveys (detail) Does the process	ove) Are the	e ROW co.	nditions accep	table for the	e type of p	natrolling N C
Notes  5. ROW Conditions (confirm) (presented abused? (MO.RW.ROWCONDITION.O) (confirm) 192.705(a) (192.705(c))  Notes	ove) Are the	e ROW co.	nditions accep	table for the	e type of p	natrolling N C

192.709(c) (192.706; 192.706(a); 192.706(b))	Sat+	Sat	Concern	Unsat	NA	NC
(321, 65(6), (1321, 66), 1321, 66(6))	out.			o ii o a c	1171	
Notes	l					
8. Leakage Surveys (detail) Are leak	age surveys being ir	nplemente	ed as required	? (MO.RW.L	EAKAGE.C	) (deta
92.706 (192.706(a); 192.706(b))	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
9. Requirement to Identify GOM P ipelines in the Gulf of Mexico at risk of being exposed u						
ipelines in the Gulf of Mexico at risk of being exposed u				V.GOMHAŽ		
pipelines in the Gulf of Mexico at risk of being exposed u	nderwater or hazard	s to navig	ation? (MO.RV	V.GOMHAŽ	ARD.P) (de	etail)
pipelines in the Gulf of Mexico at risk of being exposed u	nderwater or hazard	s to navig	ation? (MO.RV	V.GOMHAŽ	ARD.P) (de	etail)
ipelines in the Gulf of Mexico at risk of being exposed u 92.612(a) (192.612(c)(2); 192.612(c)(3))	nderwater or hazard	s to navig	ation? (MO.RV	V.GOMHAŽ	ARD.P) (de	etail)
ipelines in the Gulf of Mexico at risk of being exposed u 92.612(a) (192.612(c)(2); 192.612(c)(3))  Notes  10. Requirement to Identify GOM dentify and inspect pipelines in the Gulf of Mexico at risk	Sat+ Pipeline Hazar	s to navig Sat	Concern  Cail) Do recor	V.GOMHAŽA  Unsat	ARD.P) (de	etail)  NC
ipelines in the Gulf of Mexico at risk of being exposed upgrave and service at risk of being exposed upgrave and service at risk of being exposed upgrave at risk of being exposed upgrave at risk model. Requirement to Identify GOM dentify and inspect pipelines in the Gulf of Mexico at risk model. Regular at risk model. Regular and inspect pipelines in the Gulf of Mexico at risk model. Regular at risk model. Reg	Sat+ Pipeline Hazar	s to navig Sat	Concern  Cail) Do recor	Unsat Unsat  ds indicate hazards to n	ARD.P) (de	etail)  NC
nipelines in the Gulf of Mexico at risk of being exposed us 92.612(a) (192.612(c)(2); 192.612(c)(3))  Notes  10. Requirement to Identify GOM dentify and inspect pipelines in the Gulf of Mexico at risk MO.RW.GOMHAZARD.R) (detail)  92.709(c) (192.612(a); 192.612(b))	Sat+  Pipeline Hazar	s to navig Sat  ds (det	Concern  Concern  Concern  Do recorr pipelines or h	Unsat Unsat  ds indicate hazards to n	Steps take	etail)  NC
nipelines in the Gulf of Mexico at risk of being exposed units of the second of the se	Sat+  Pipeline Hazar k of being exposed u	s to navig Sat  ds (det	Concern  Concern  Concern  Do recorr pipelines or h	Unsat Unsat  ds indicate hazards to n	Steps take	etail)  NC
ipelines in the Gulf of Mexico at risk of being exposed upgrave and the Gulf of Mexico at risk of being exposed upgrave and inspect pipelines in the Gulf of Mexico at risk MO.RW.GOMHAZARD.R) (detail)  92.709(c) (192.612(a); 192.612(b))	Sat+  Pipeline Hazar k of being exposed u	s to navig Sat  ds (det	Concern  Concern  Concern  Do recorr pipelines or h	Unsat Unsat  ds indicate hazards to n	Steps take	etail)  NC
ipelines in the Gulf of Mexico at risk of being exposed upgrave and the Gulf of Mexico at risk of being exposed upgrave and inspect pipelines in the Gulf of Mexico at risk mo.RW.GOMHAZARD.R) (detail)  92.709(c) (192.612(a); 192.612(b))	Pipeline Hazar k of being exposed u	ds (det nderwate Sat	cail) Do recorrepipelines or h	Unsat  Unsat  Unsat  Unsat	steps take avigation:	en to  NC  NC

### Maintenance and Operations - Gas Pipeline Leak Surveys and Patrols

Sat+	Sat	Concern	Unsat	NA	NC
541.			0.1104.0		
n Lines) (de	tail) Do	records indica	te adequate	natrolling	ı of
		7000100 1110100		<i>puu o</i>	,
Sat+	Sat	Concern	Unsat	NA	N C
Lines) (deta	il) Does	the process re	auire patrol	of distrib	ution
			7 7		
Sat+	Sat	Concern	Unsat	NΑ	N C
Lines) (deta	il) Do re	cords indicate	adequate n	atrollina d	f
			aacquate p		•
Sat+	Sat	Concern	Unsat	NA	N C
) (detail) Doo	s the pro-	coss require tr	ansmission.	ling look s	UPVOV6
) (detail) Doe	s the prod	cess require tra	ansmission i	line leak s	urveys
) (detail) Doe	s the prod	cess require tra	ansmission i	line leak s	
	·	·			urveys:
	Sat+  Lines) (deta	Sat+ Sat  Lines) (detail) Does  Sat+ Sat  Lines) (detail) Do re	Sat + Sat Concern  Lines) (detail) Does the process re  Sat + Sat Concern  Lines) (detail) Do records indicate	Sat+ Sat Concern Unsat  Lines) (detail) Does the process require patrol  Sat+ Sat Concern Unsat  Lines) (detail) Do records indicate adequate patrol	Lines) (detail) Does the process require patrol of distrib  Sat + Sat Concern Unsat NA  Lines) (detail) Do records indicate adequate patrolling of

	Sat+	Sat	Concern	Unsat	NA	NC
Notes	<u> </u>					
7. Leak Survey (Distribution	n Lines) (detail) Does	the proces	ss require disti	ibution line	leak surv	eys?
(MO.LSP.SURVEYDIST.P) (detail)			1_			
192.723(a) (192.723(b))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
9 Look Sumay (Distribution	n Lines) (detail) o			-li-kilki	1: 11-	
8. Leak Survey (Distribution (MO.LSP.SURVEYDIST.R) (detail)	n Lines) (detail) Do red	coras inaid	cate adequate	aistribution	iine ieak s	surveys?
192.723(a) (192.723(b))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
		operating	below 30% S	MYS in a Cl	ass 3 or 4	
9. Leak Survey (<30% SM)	<b>(S) (detail)</b> For pipelines					locations
			SMYS.P) (deta	ail)		locations
but not in an HCA, is there a process for perform			Concern		N A	N C
but not in an HCA, is there a process for perfori	ming leak surveys? (MO.LSP.S	SURVEY30	1			
but not in an HCA, is there a process for perform	ming leak surveys? (MO.LSP.S	SURVEY30	1			
but not in an HCA, is there a process for perfort 192.935(d)(3)	ming leak surveys? (MO.LSP.S	SURVEY30	1			
but not in an HCA, is there a process for perfort 192.935(d)(3)	ming leak surveys? (MO.LSP.S	SURVEY30	1			
but not in an HCA, is there a process for perform 192.935(d)(3)  Notes	ming leak surveys? (MO.LSP.S	SURVEY30	Concern	Unsat	NA	N C
but not in an HCA, is there a process for perform 192.935(d)(3)  Notes  10. Leak Survey (<30% SM	Sat+  (MO.LSP.S  Sat+	Survey30 Sat	Concern	Unsat  SMYS in a	N A	N C
Notes  10. Leak Survey (<30% SN locations, but not in an HCA, is there a process for performance of the perf	Sat+  1YS) (detail) For pipeline e performance of leak surveys	Survey30 Sat  Sat  es operation 5? (MO.LS	Concern  ng below 30% P.SURVEY30S	Unsat  SMYS in a  MYS.R) (de	N A  Class 3 or tail)	NC
Notes  10. Leak Survey (<30% SN locations, but not in an HCA, is there a process for performance of the perf	Sat+  (MO.LSP.S  Sat+	Survey30 Sat	Concern	Unsat  SMYS in a  MYS.R) (de	N A	N C
but not in an HCA, is there a process for perform 192.935(d)(3)  Notes  10. Leak Survey (<30% SN locations, but not in an HCA, do records indicated 192.935(d)(3)	Sat+  1YS) (detail) For pipeline e performance of leak surveys	Survey30 Sat  Sat  es operation 5? (MO.LS	Concern  ng below 30% P.SURVEY30S	Unsat  SMYS in a  MYS.R) (de	N A  Class 3 or tail)	NC
but not in an HCA, is there a process for perform 192.935(d)(3)  Notes	Sat+  1YS) (detail) For pipeline e performance of leak surveys	Survey30 Sat  Sat  es operation 5? (MO.LS	Concern  ng below 30% P.SURVEY30S	Unsat  SMYS in a  MYS.R) (de	N A  Class 3 or tail)	NC

### Public Awareness and Damage Prevention - One-Call Damage Prevention

192.614(a)	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
2. Participation in Qualified One Callualified one-call systems? (PD.OC.ONECALL.P) (confirm)	l Systems (co	nfirm)	Does the proc	ess require	participat	ion in
92.614(b) (CGA Best Practices, v4.0, Practice 3-4)	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
<b>3. Construction Marking (detail)</b> Doe ractices or use more stringent and accurate requirements				excavation s	ites to CG	'A Best
92.614(c)(5)	Sat+	Sat	Concern	Unsat	N A	N C
Notes						
4. Documented Damage Prevention I hird Party Activity and names of associated contractors of						
4. Documented Damage Prevention I third Party Activity and names of associated contractors of accounts along the system? (PD.OC.TPD.P) (detail)						ons wit
4. Documented Damage Prevention I Third Party Activity and names of associated contractors of accavators along the system? (PD.OC.TPD.P) (detail) 92.614(c)(1)	r excavators are in	put back	into the mail-c	outs and cor	nmunicati	
4. Documented Damage Prevention I Third Party Activity and names of associated contractors of accavators along the system? (PD.OC.TPD.P) (detail) 92.614(c)(1)	r excavators are in	put back	into the mail-c	outs and cor	nmunicati	ons wit
4. Documented Damage Prevention In third Party Activity and names of associated contractors of accavators along the system? (PD.OC.TPD.P) (detail) 92.614(c)(1)  Notes  5. Documented Damage Prevention	Sat+ Program - Ti	Sat PD/One	Concern  Call (deta	Unsat	N A	N C
Third Party Activity and names of associated contractors of excavators along the system? (PD.OC.TPD.P) (detail)  92.614(c)(1)  Notes	Sat+ Program - Ti	Sat PD/One	Concern  Call (deta	Unsat	N A	N C

192.614(c)(3)	Sat+	Sat	Concern	Unsat	NA	NC
92.014(0)(3)	Satt	Sat	Concern	Ulisat	NA	NC
Notes						
7. Damage Prevention equirements specified in 192.614(c)?	on Program (detail) Does the de (PD.OC.PDPROGRAM.R) (detail)	amage pre	evention progra	am meet m	inimum	
92.614(c)	Sat+	Sat	Concern	Unsat	NA	N C
8. DP Information G	athering Requirements (det					e
8. DP Information Governation information be gathered as	athering Requirements (det nd recorded during pipeline patrols. lea					e
8. DP Information Garevention information be gathered an PD.OC.DPINFOGATHER.P) (detail)						e N C
	nd recorded during pipeline patrols. lea	k surveys	, and integrity	assessmen	ts?	
8. DP Information Garevention information be gathered and PD.OC.DPINFOGATHER.P) (detail) 92.917(b) Notes  9. DP Information Garevention information Garevention information Garevention information Garevention information Garevention information be gathered and PD.OC.DPINFOGATHER.P) (detail)	nd recorded during pipeline patrols. lea	Sat ail) Do r	Concern  Concern	Unsat Unsat strate that eintegrity as	ts?  NA	<b>N</b> (

#### **Public Awareness and Damage Prevention - Public Awareness**

192.616(a) (192.616(h))	Sat+	Sat	Concern	Unsat	NΑ	NC
Notes						
2. Management Support of Public Aware			(detail) Doe	es the opera	ator's prog	ıram
documentation demonstrate management support? (PD.PA.MGM7 192.616(a) (API RP 1162 Section 2.5; API RP 1162 Section 7.1)	Sat+	Sat	Concern	Unsat	N A	NC
.92.010(a) (API RP 1102 Section 2.5, API RP 1102 Section 7.1)	Salt	Sat	Concern	Unsat	NA	NC
Notes						
Notes						
3. Asset Identification (detail) Does the prog	aram clearly	/ identify i	the specific pip	eline svster	ns and fac	cilities to
be included in the program, along with the unique attributes and						omeres et
			C	11	BI A	NC
.92.616(b) (API RP 1162 Section 2.7 Step 4)	Sat+	Sat	Concern	Unsat	NA	NC
192.616(b) (API RP 1162 Section 2.7 Step 4)	Sat+	Sat	Concern	Unsat	NA	NC
192.616(b) (API RP 1162 Section 2.7 Step 4)  Notes	Sat+	Sat	Concern	Unsat	NA	NC
	Sat+	Sat	Concern	Unsat	NA	NC
	Sat+	Sat	Concern	Unsat	N A	NC
	Sat+	Sat	Concern	Unsat	N A	, RC
Notes  4. Audience Identification (detail) Does the	ne program	establish i	methods to ide	entify the inc	dividual	
Notes  4. Audience Identification (detail) Does the stakeholders in the four affected stakeholder audience groups: (1	ne program (	establish bublic, (2)	methods to ide emergency of	entify the inc	dividual ocal public	c official
A. Audience Identification (detail) Does the stakeholders in the four affected stakeholder audience groups: (1 and (4) excavators, as well as affected municipalities, school dist 192.616(d) (192.616(e); 192.616(f); API RP 1162 Section 2.2;	ne program (	establish bublic, (2)	methods to ide emergency of	entify the inc	dividual ocal public	c official
A. Audience Identification (detail) Does the stakeholders in the four affected stakeholder audience groups: (1 and (4) excavators, as well as affected municipalities, school dist. 192.616(d) (192.616(e); 192.616(f); API RP 1162 Section 2.2;	ne program (	establish i public, (2) esses, and	methods to ide emergency of d residents? (Pi	entify the inc ficials, (3) lo D.PA.AUDIE	dividual ocal public :NCEID.P)	c official (detail)
A. Audience Identification (detail) Does the stakeholders in the four affected stakeholder audience groups: (1 and (4) excavators, as well as affected municipalities, school dist 192.616(d) (192.616(e); 192.616(f); API RP 1162 Section 2.2; API RP 1162 Section 3)	ne program (	establish i public, (2) esses, and	methods to ide emergency of d residents? (Pi	entify the inc ficials, (3) lo D.PA.AUDIE	dividual ocal public :NCEID.P)	c official (detail)
A. Audience Identification (detail) Does the stakeholders in the four affected stakeholder audience groups: (1 and (4) excavators, as well as affected municipalities, school dist 192.616(d) (192.616(e); 192.616(f); API RP 1162 Section 2.2; API RP 1162 Section 3)	ne program (	establish i public, (2) esses, and	methods to ide emergency of d residents? (Pi	entify the inc ficials, (3) lo D.PA.AUDIE	dividual ocal public :NCEID.P)	c official (detail)
A. Audience Identification (detail) Does the stakeholders in the four affected stakeholder audience groups: (1 and (4) excavators, as well as affected municipalities, school dist 192.616(d) (192.616(e); 192.616(f); API RP 1162 Section 2.2;	ne program (	establish i public, (2) esses, and	methods to ide emergency of d residents? (Pi	entify the inc ficials, (3) lo D.PA.AUDIE	dividual ocal public :NCEID.P)	c official (detail)
A. Audience Identification (detail) Does the stakeholders in the four affected stakeholder audience groups: (1 and (4) excavators, as well as affected municipalities, school dist 192.616(d) (192.616(e); 192.616(f); API RP 1162 Section 2.2; API RP 1162 Section 3)	ne program (	establish i public, (2) esses, and	methods to ide emergency of d residents? (Pi	entify the inc ficials, (3) lo D.PA.AUDIE	dividual ocal public :NCEID.P)	c official (detail)
A. Audience Identification (detail) Does the stakeholders in the four affected stakeholder audience groups: (1 and (4) excavators, as well as affected municipalities, school dist 192.616(d) (192.616(e); 192.616(f); API RP 1162 Section 2.2; API RP 1162 Section 3)  Notes	ne program ( 1) affected p ricts, busine Sat+	establish i public, (2) esses, and Sat	methods to ide emergency of d residents? (P Concern	entify the ind ficials, (3) ld D.PA.AUDIE Unsat	dividual ocal public NCEID.P) <b>N A</b>	c official (detail) N C
4. Audience Identification (detail) Does the stakeholders in the four affected stakeholder audience groups: (1 and (4) excavators, as well as affected municipalities, school dist 192.616(d) (192.616(e); 192.616(f); API RP 1162 Section 2.2; API RP 1162 Section 3)  Notes  5. Audience Identification Records (detail) Does the stakeholder audience groups: (1) affected public, (2) emails and the stakeholder audience groups: (1) affected public, (2) emails and the stakeholder audience groups: (1) affected public, (2) emails and the stakeholder audience groups: (1) affected public, (2) emails and the stakeholder audience groups: (1) affected public, (2) emails and the stakeholder audience groups: (1) affected public, (2) emails and the stakeholder audience groups: (1) affected public, (2) emails and the stakeholder audience groups: (1) affected public, (2) emails and the stakeholder audience groups: (1) affected public, (2) emails and the stakeholder audience groups: (1) affected public, (2) emails and the stakeholder audience groups: (1) affected public, (2) emails and the stakeholder audience groups: (1) affected public, (2) emails and the stakeholder audience groups: (1) affected public, (2) emails and the stakeholder audience groups: (1) affected public, (2) emails and the stakeholder audience groups: (1) affected public, (2) emails and the stakeholder audience groups: (1) affected public, (2) emails and the stakeholder audience groups: (1) affected public, (2) emails and the stakeholder audience groups: (1) affected public, (2) emails and the stakeholder audience groups: (1) affected public, (2) emails and the stakeholder audience groups: (1) affected public, (2) emails and the stakeholder audience groups: (1) affected public, (2) emails and the stakeholder audience groups: (1) affected public, (2) emails and the stakeholder audience groups: (1) affected public, (2) emails and the stakeholder audience groups: (1) affected public, (2) emails and the stakeholder audience groups: (1) affected public and the stakehold	e program (1) affected pricts, busine Sat+	establish i public, (2) esses, and Sat ords ident ficials, (3)	methods to ide emergency of dresidents? (P	entify the indificials, (3) long. PA.AUDIE  Unsat  Unsat  ual stakeholo	dividual ocal public NCEID.P)  NA	c official (detail) NC
4. Audience Identification (detail) Does the stakeholders in the four affected stakeholder audience groups: (1 and (4) excavators, as well as affected municipalities, school dist 192.616(d) (192.616(e); 192.616(f); API RP 1162 Section 2.2; API RP 1162 Section 3)  Notes	e program (1) affected pricts, busine Sat+	establish i public, (2) esses, and Sat ords ident ficials, (3)	methods to ide emergency of dresidents? (P	entify the indificials, (3) long. PA.AUDIE  Unsat  Unsat  ual stakeholo	dividual ocal public NCEID.P)  NA	c official (detail) NC
A. Audience Identification (detail) Does the stakeholders in the four affected stakeholder audience groups: (1 and (4) excavators, as well as affected municipalities, school dist 192.616(d) (192.616(e); 192.616(f); API RP 1162 Section 2.2; API RP 1162 Section 3)  Notes  5. Audience Identification Records (detail) Motes  S. Audience Identification Records (detail) Audience groups: (1) affected public, (2) email as affected municipalities, school districts, businesses, and records affected municipalities.	e program (1) affected pricts, busines  Sat+  ail) Do reconergency offesidents to	establish i public, (2) esses, and Sat ords ident ficials, (3) which it so	methods to ide emergency of dresidents? (Pi Concern	entify the indificials, (3) long.  Unsat  Unsat  ual stakehologicials, and careness ma	dividual ocal public NCEID.P)  N A  ders in the (4) excave sterials and	e four
4. Audience Identification (detail) Does the stakeholders in the four affected stakeholder audience groups: (1 and (4) excavators, as well as affected municipalities, school districts, and (4) excavators, as well as affected municipalities, school districts  1.92.616(d) (192.616(e); 192.616(f); API RP 1162 Section 2.2; API RP 1162 Section 3)  Notes  5. Audience Identification Records (detail)  first a affected stakeholder audience groups: (1) affected public, (2) entails as affected municipalities, school districts, businesses, and remessages? (PD.PA.AUDIENCEID.R) (detail)	e program (1) affected pricts, busine Sat+	establish i public, (2) esses, and Sat ords ident ficials, (3)	methods to ide emergency of dresidents? (P	entify the indificials, (3) long. PA.AUDIE  Unsat  Unsat  ual stakeholo	dividual ocal public NCEID.P)  NA	c official (detail) NC

sideration of Supplemental Enhancements (d for supplemental public awareness program enhancements (UPPLEMENTAL.P) (detail)  2 1162 Section 6.2)  Sat +			ant factors o		
d for supplemental public awareness program enhancements UPPLEMENTAL.P) (detail)	s for each	h stakeholder			
d for supplemental public awareness program enhancements UPPLEMENTAL.P) (detail)	s for each	h stakeholder			
9 1162 Section 6.2) Sat +	Sat	Concern			G III AI I
	Jut	Concern	Unsat	NA	NC
n activities; (2) Possible hazards associated with unintended sible release; (4) Steps to be taken for public safety in the ent? (PD.PA.EDUCATE.R) (detail)  16(f))  Sat+					
ssages on Pipeline Facility Locations (detail ties, school districts, businesses, and residents of pipeline fa		rations? (PD.P.		NA	NC
		Concern	Unsat		
ties, school districts, businesses, and residents of pipeline fa	acility loc	·	Unsat		
ties, school districts, businesses, and residents of pipeline fa	acili		at Concern		

detail)						
92.616(c) (API RP 1162 Table 2-1; API RP 1162 Table 2-2; API P 1162 Table 2-3)	Sat+	Sat	Concern	Unsat	NA	N
Notes						
11. Liaison with Public Officials (detail) and aintained with appropriate fire, police and other public officials (EP.ERG.LIAISON.R) (detail)						d and
92.605(a) (192.615(c)(1); 192.615(c)(2); 192.615(c)(3); 92.615(c)(4); 192.616(c); ADB-05-03)	Sat+	Sat	Concern	Unsat	NA	N
Notes						
Notes						
13. Other Languages (detail) Were materials ommonly understood by a significant number and concentration PD.PA.LANGUAGE.R) (detail) 92.616(g) (API RP 1162 Section 2.3.1)						eas?
13. Other Languages (detail) Were materials ommonly understood by a significant number and concentration PD.PA.LANGUAGE.R) (detail) 92.616(g) (API RP 1162 Section 2.3.1)	of non-Eng	lish speak	ing population	s in the ope	erator's ar	
13. Other Languages (detail) Were materials ommonly understood by a significant number and concentration PD.PA.LANGUAGE.R) (detail) 92.616(g) (API RP 1162 Section 2.3.1) Notes	of non-Eng Sat+	lish speak Sat	Concern	Unsat	N A	N
13. Other Languages (detail) Were materials ommonly understood by a significant number and concentration PD.PA.LANGUAGE.R) (detail) 92.616(g) (API RP 1162 Section 2.3.1) Notes  14. Evaluation Plan (detail) Does the program of effectiveness will be periodically evaluated? (PD.PA.EVALPLANGUAGE) 92.616(i) (192.616(c); API RP 1162 Section 8; API RP 1162	Sat+  n include a N.P) (detail)	Sat  Drocess th	Concern  Concern	Unsat  Unsat	N A	eas?  N ntation
13. Other Languages (detail) Were materials ommonly understood by a significant number and concentration P.D.PA.LANGUAGE.R) (detail) 92.616(g) (API RP 1162 Section 2.3.1) Notes  14. Evaluation Plan (detail) Does the programment of effectiveness will be periodically evaluated? (PD.PA.EVALPLA)	Sat+	Sat  Drocess th	Concern	Unsat	N A	N

Sat+	Sat	Concern	Unsat	NA	NO
am Implement	ation A	udits (det	ail) Was o	ne or mor	e of th
			ections) use	ed to comp	olete tl
	T .		Unsat	NΑ	N
341	Jut	Concern	Unsuc		1
	91X				
Sat+	Sat			N A	N
	1		1		
ness (detail) H	ave effect	iveness evalua	ation(s) of t	he prograi	m beei
€a+↓	S a t	Concorn	Uncat	NI A	N
Satt	Jat	Concern	Ulisat	NA .	14.
1-1-11 7	ing effecti	veness, was a	ctual progra	ım outread	ch for
	_				
CH.R) (detail)		Concern	lineat	NΛ	N
	Sat	Concern	Unsat	NA	N
	ements (detail) H	PA.AUDITMETHODS.R) (detail  Sat + Sat  Pements (detail) Were of the annual audit(s)? (  Sat + Sat  Sat + Sat  Peass (detail) Have effect the sas along all systems covered.	PA.AUDITMETHODS.R) (detail)  Sat + Sat Concern  Pements (detail) Were changes made lings of the annual audit(s)? (PD.PA.PROGR  Sat + Sat Concern  Sat + Sat Concern	PA.AUDITMETHODS.R) (detail)  Sat + Sat Concern Unsat  Pements (detail) Were changes made to improve lings of the annual audit(s)? (PD.PA.PROGRAMIMPROVI  Sat + Sat Concern Unsat  Sat + Sat Concern Unsat  Peress (detail) Have effectiveness evaluation(s) of the last along all systems covered by the program?	ements (detail) Were changes made to improve the progratings of the annual audit(s)? (PD.PA.PROGRAMIMPROVE.R) (detail)  Sat + Sat Concern Unsat NA  Place (detail) Have effectiveness evaluation(s) of the program as along all systems covered by the program?

92.616(c) (API RP 1162 Section 8.4.2)	Sat+	Sat	Concern	Unsat	NA	N C
.92.010(c) (API RP 1102 Section 6.4.2)	Salt	Sat	Concern	Unsat	NA	NC
Notes		l				
<b>21. Measure Desired Stakeholder Beha</b> Valuation made of whether appropriate preventive, response, of the PD.PA.MEASUREBEHAVIOR.R) (detail)						
92.616(c) (API RP 1162 Section 8.4.3)	Sat+	Sat	Concern	Unsat	NA	N C
Votes						
22. Measure Bottom-Line Results (details)	es, (2) excav	ation dan	nages resulting			
hird-party incidents and consequences including: (1) near miss excavation damages that do not result in pipeline failures? (PD.	es, (2) excav PA.MEASURE	ation dan BOTTOM.I	nages resulting R) (detail)	g in pipeline	failures, (	(3)
22. Measure Bottom-Line Results (deta hird-party incidents and consequences including: (1) near miss	es, (2) excav	ation dan	nages resulting			(3)
22. Measure Bottom-Line Results (detainder party incidents and consequences including: (1) near miss excavation damages that do not result in pipeline failures? (PD. 92.616(c) (API RP 1162 Section 8.4.4)  Notes  23. Program Changes (detail) Were needed	es, (2) excav PA.MEASURE Sat+	ration dan BOTTOM.I Sat	nages resulting R) (detail) Concern	Unsat Unsat	NA  Naddentified a	(3) N(
22. Measure Bottom-Line Results (detained party incidents and consequences including: (1) near miss excavation damages that do not result in pipeline failures? (PD. 92.616(c) (API RP 1162 Section 8.4.4)  Notes	Sat+  I changes and ffectiveness of	ration dan BOTTOM.I Sat	nages resulting R) (detail)  Concern  fications to the as? (PD.PA.CHA	Unsat Unsat  e program id  ANGES.R) (d	NA  NA  dentified a	nd
22. Measure Bottom-Line Results (detail)  22. Measure Bottom-Line Results (detail)  23. Program Changes (detail) Were needed  ocumented based on the results and findings of the program e	es, (2) excav PA.MEASURE Sat+	ration dan BOTTOM.I Sat	nages resulting R) (detail) Concern	Unsat Unsat	NA  Naddentified a	(3) N(

# Public Awareness and Damage Prevention - ROW Markers, Patrols, Monitoring

<ol> <li>Patrolling Requirements (detail) (present for patrolling the ROW and conditions reported? (MO.RW.PATROL</li> </ol>		Does the	process adeq	uately cove	r the requ	irements
192.705(a) (192.705(b); 192.705(c))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
2. Patrolling Requirements (detail) (present been patrolled as required? (MO.RW.PATROL.R) (detail)	nted above)	Do recor	ds indicate tha	at ROW surf	ace condit	ions have
192.709(c) (192.705(a); 192.705(b); 192.705(c))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
3. ROW Markers Requirements (detail) ( requirements for placement of ROW markers? (MO.RW.ROWMARK			es the process	adequately	cover the	9
192.707(a) (192.707(b); 192.707(c); 192.707(d); CGA Best Practices, v4.0, Practice 2-5; CGA Best Practices, v4.0, Practice 4-20)	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
4. Placement of ROW Markers (confirm) required? (MO.RW.ROWMARKER.O) (confirm)	(presented	l above) A	Are line markel	rs placed an	nd maintai	ned as
192.707(a) (192.707(b); 192.707(c); 192.707(d); CGA Best Practices, v4.0, Practice 2-5; CGA Best Practices, v4.0, Practice 4-20)	Sat+	Sat	Concern	Unsat	N A	N C

used? (MO.RW.ROWCONDITION.O) (confirm) 192.705(a) (192.705(c))	Sat+	Sat	Concern	Unsat	NA	N C
192.703(a) (192.703(c))	Satt	Jat	Concern	Olisat		140
Notes		ı				
6. Requirement to Identify GOM require identification of pipelines in the Gulf of Mexico (MO.RW.GOMHAZARD.P) (detail)						ocess
192.612(a) (192.612(c)(2); 192.612(c)(3))	Sat+	Sat	Concern	Unsat	N A	N C
Notes						
7. Requirement to Identify GOM steps taken to identify and inspect pipelines in the Gu						
7. Requirement to Identify GOM steps taken to identify and inspect pipelines in the Gunavigation? (MO.RW.GOMHAZARD.R) (detail)	If of Mexico at risk of b	eing expo	sed underwate	er pipelines	or hazard	s to
7. Requirement to Identify GOM steps taken to identify and inspect pipelines in the Gunavigation? (MO.RW.GOMHAZARD.R) (detail)						s to
7. Requirement to Identify GOM steps taken to identify and inspect pipelines in the Gunavigation? (MO.RW.GOMHAZARD.R) (detail)	If of Mexico at risk of b	eing expo	sed underwate	er pipelines	or hazard	
7. Requirement to Identify GOM steps taken to identify and inspect pipelines in the Gunavigation? (MO.RW.GOMHAZARD.R) (detail) 192.709(c) (192.612(a); 192.612(b))  Notes  8. Requirement to Identify GOM Gulf of Mexico at risk of being exposed underwater pi	Sat+  Pipeline Hazard	Sat  S (deta	Concern	Unsat  d above) Ar	or hazard	N C
7. Requirement to Identify GOM steps taken to identify and inspect pipelines in the Gunavigation? (MO.RW.GOMHAZARD.R) (detail)  192.709(c) (192.612(a); 192.612(b))  Notes  8. Requirement to Identify GOM Gulf of Mexico at risk of being exposed underwater pige (MO.RW.GOMHAZARD.O) (detail)	Sat+  Pipeline Hazard pelines or hazards to no	Sat  S (deta	Concern  iii) (presented marked as required to the concern to the	Unsat  d above) Ar	or hazard.  NA	N C
7. Requirement to Identify GOM steps taken to identify and inspect pipelines in the Gunavigation? (MO.RW.GOMHAZARD.R) (detail) 192.709(c) (192.612(a); 192.612(b))  Notes  8. Requirement to Identify GOM Gulf of Mexico at risk of being exposed underwater pige (MO.RW.GOMHAZARD.O) (detail)	Sat+  Pipeline Hazard	Sat  S (deta	Concern	Unsat  d above) Ar	or hazard	N C
7. Requirement to Identify GOM steps taken to identify and inspect pipelines in the Gunavigation? (MO.RW.GOMHAZARD.R) (detail) 192.709(c) (192.612(a); 192.612(b))  Notes  8. Requirement to Identify GOM Gulf of Mexico at risk of being exposed underwater pi	Sat+  Pipeline Hazard pelines or hazards to no	Sat  S (deta	Concern  iii) (presented marked as required to the concern to the	Unsat  d above) Ar	or hazard.  NA	N C

#### **Public Awareness and Damage Prevention - Special Permits**

190.341(d)(2)		Sat+	Sat	Concern	Unsat	NA	NC
Notes							
	rmits (detail) If the operator le CGA Best Practices? (PD.SP.BES			er a special pe	rmit, do the	processes	s specif
.90.341(d)(2)		Sat+	Sat	Concern	Unsat	N A	N C
Notes							
	nes and Special Permit P				operates a p	pipeline ur	nder a
190.341(d)(2)		Sat+	Sat	Concern	Unsat	NA	N C
Notes							
	lines and Special Permit I		REQUIRE	MENT.O) (deta	il)		1
special permit verify that th	ie regainements mare seem impiem		Sat	Concern	Unsat	NΑ	N C
special permit verify that th		Sat+	Sat	Concern	Onsac		NC
		Sat+	Sat	Concern	Olisat		NC
Special permit verify that the 190.341(d)(2)  Notes  5. Special Per	mits - AMAOP (detail) If t d to incorporate the requirements	the operator op	erates a p	pipeline under	an AMAOP s		
special permit verify that the 190.341(d)(2)  Notes  5. Special Per the processes been modified	·mits - AMAOP (detail) <i>If t</i>	the operator op	erates a p	pipeline under	an AMAOP s l)		
Special permit verify that the 190.341(d)(2)  Notes  5. Special Per	·mits - AMAOP (detail) <i>If t</i>	the operator op of the permit?	erates a p	nipeline under MAOP.P) (detai	an AMAOP s l)	pecial per	mit hav

190.341(d)(2) (192.605(b))	Sat+	Sat	Concern	Unsat	NA	N C
Notes	'					
Reporting - Notices and	Reporting					
. 3	. 5					
1. OQ Program Modification				inistrator or	state age	ncy to
notified if the operator significantly modifies its		T	1.		N. A.	N.C
192.805(i)	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
2. OQ Program Modification	ns (detail) Do records indi	icate the A	Administrator o	or state age	ncy was n	otified
2. OQ Program Modification when the OQ Program was significantly modified			Administrator o	or state age	ncy was n	otified
when the OQ Program was significantly modifie			dministrator o	unsat	ncy was no	otified N C
when the OQ Program was significantly modifie	ed? (RPT.NR.NOTIFYOQ.R) (de	etail)		-		
when the OQ Program was significantly modifie 92.805(i)	ed? (RPT.NR.NOTIFYOQ.R) (de	etail)		-		
when the OQ Program was significantly modifie	ed? (RPT.NR.NOTIFYOQ.R) (de	etail)		-		
2. OQ Program Modification when the OQ Program was significantly modified 192.805(i) Notes	ed? (RPT.NR.NOTIFYOQ.R) (de	etail)		-		
when the OQ Program was significantly modifie	ed? (RPT.NR.NOTIFYOQ.R) (de	etail)		-		
when the OQ Program was significantly modified. 92.805(i)  Notes	ed? (RPT.NR.NOTIFYOQ.R) (de Sat+	Sat	Concern	Unsat	NA	N C
when the OQ Program was significantly modified 92.805(i)  Notes  3. Alternative MAOP - Eleva	ed? (RPT.NR.NOTIFYOQ.R) (de Sat+	Sat	Concern records indica	Unsat	<b>NA</b>	N C
Notes  3. Alternative MAOP - Elevarovided to PHMSA and state authorities at least	ed? (RPT.NR.NOTIFYOQ.R) (de Sat+	Sat	Concern records indica	Unsat  ote coating in NR.AMAOP	<b>NA</b>	N C
nhen the OQ Program was significantly modified 92.805(i)  Notes  3. Alternative MAOP - Elevatorovided to PHMSA and state authorities at least	ated Temperature (dest 60 days prior to operating a	etail) Do	records indicadeg. F? (RPT.	Unsat  te coating in NR.AMAOP	<b>N A</b> information ΓΕΜΡ.R) (α	n was
when the OQ Program was significantly modified. 92.805(i)  Notes  3. Alternative MAOP - Elevatorovided to PHMSA and state authorities at least 92.112(h)(2)	ated Temperature (dest 60 days prior to operating a	etail) Do	records indicadeg. F? (RPT.	Unsat  te coating in NR.AMAOP	<b>N A</b> information ΓΕΜΡ.R) (α	n was
when the OQ Program was significantly modified. 92.805(i)  Notes  3. Alternative MAOP - Elevatorovided to PHMSA and state authorities at least 92.112(h)(2)	ated Temperature (dest 60 days prior to operating a	etail) Do	records indicadeg. F? (RPT.	Unsat  te coating in NR.AMAOP	<b>N A</b> information ΓΕΜΡ.R) (α	n was
when the OQ Program was significantly modified. 92.805(i)  Notes	ated Temperature (dest 60 days prior to operating a	etail) Do	records indicadeg. F? (RPT.	Unsat  te coating in NR.AMAOP	<b>N A</b> information ΓΕΜΡ.R) (α	n was
Notes  3. Alternative MAOP - Elevatorovided to PHMSA and state authorities at least 192.112(h)(2)	ated Temperature (dest 60 days prior to operating a	etail) Do	records indicadeg. F? (RPT.	Unsat  te coating in NR.AMAOP	<b>N A</b> information ΓΕΜΡ.R) (α	n was
Notes  3. Alternative MAOP - Elevatorovided to PHMSA and state authorities at least 192.112(h)(2)  Notes	ated Temperature (dest 60 days prior to operating a Sat +	etail) Do	records indicadeg. F? (RPT.	Unsat  ote coating in NR.AMAOP  Unsat	N A informatio ΓΕΜΡ.R) (α N A	n was detail)
Notes  3. Alternative MAOP - Elevatorovided to PHMSA and state authorities at least 192.112(h)(2)	ated Temperature (dest 60 days prior to operating a Sat +	etail) Do	records indicadeg. F? (RPT.	Unsat  ote coating in NR.AMAOP  Unsat	N A informatio ΓΕΜΡ.R) (α N A	n was detail)
3. Alternative MAOP - Elevatorovided to PHMSA and state authorities at least orovided to PHMSA and state authorities at least orovided to PHMSA and state authorities at least orovided to PHMSA and state authorities? (RPT	ated Temperature (dest 60 days prior to operating as Sat +	etail)  Sat  etail) Do above 120  Sat	records indicadeg. F? (RPT.	Unsat  ote coating in NR.AMAOP  Unsat	N A informatio ΓΕΜΡ.R) (α N A	n was detail)
A. Alternative MAOP - Coat rovided to PHMSA and state authorities? (RPT	ated Temperature (dest 60 days prior to operating a Sat +	etail) Do	records indicate control ords indicate contr	unsat  ate coating in NR.AMAOP  Unsat	NA informatio. IEMP.R) (c NA	n was detail) N C
3. Alternative MAOP - Elevarovided to PHMSA and state authorities at least 92.112(h)(2)  Notes  4. Alternative MAOP - Coat	ated Temperature (dest 60 days prior to operating as Sat +	etail)  Sat  etail) Do above 120  Sat	records indicate control ords indicate contr	unsat  ate coating in NR.AMAOP  Unsat	NA informatio. IEMP.R) (c NA	n was detail) N C

102 220(4)(1)	C-+ ·	C - +	Concou	llmc-t	NI A	NI O
192.328(d)(1)	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
6. Alternative MAOP - Operation on a pipeline that have been previously been previously of root cause analyses of operational failure alternative MAOP? (RPT.NR.AMAOPOPFAIL.P) (details)	ously operated at lower pr es to PHMSA and state aut	essures, d	do the procedu	res require	reporting	the
.92.605(b)(1) (192.620(b)(6))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
7. Alternative MAOP - Operati				ults of root		
ption on a pipeline that have been previously ope 1AOP? (RPT.NR.AMAOPOPFAIL.R) (detail)	rated at lower pressures,	at least 60	days prior to	maximum operation a	t the alte	rnative
pption on a pipeline that have been previously ope MAOP? (RPT.NR.AMAOPOPFAIL.R) (detail)				maximum a		
Notes  8. Alternative MAOP - Election	Sat+  n (detail) Does the pro	Sat  Sat	Concern  Concern	unsat  to PHMSA	N A	native N C
Notes  8. Alternative MAOP - Election  Bipeline safety authorities of the election to use the	Sat+  n (detail) Does the pro	Sat  Sat	Concern  Concern	Unsat  to PHMSA detail)	N A	native N C
S. Alternative MAOP - Election bipeline safety authorities of the election to use the large line safety authorities of the election to use the large line safety authorities of the election to use the large.	Sat+  n (detail) Does the proper alternative MAOP? (RPT.	Sat  Sat  Cess requirements req	Concern  Concern  ire notification PNOTIFY.P) (de	Unsat  to PHMSA detail)	N A  And the st	N C
Spition on a pipeline that have been previously open MAOP? (RPT.NR.AMAOPOPFAIL.R) (detail)  1.92.603(b) (192.620(b)(6))  Notes  8. Alternative MAOP - Election bipeline safety authorities of the election to use the company of the safety authorities of the election to use the company of the safety authorities of the election to use the company of the safety authorities of the election to use the company of the safety authorities of the election to use the company of the safety authorities of the election to use the company of the safety authorities of the election to use the company of the safety authorities of the election to use the company of the safety authorities of the election to use the company of the election to use the election to use the company of the election to use the company of the election to use the company of the election to use the	Sat+  n (detail) Does the proper alternative MAOP? (RPT.  Sat+	Sat  Scess requinks.AMAO  Sat	ire notification PNOTIFY.P) (december of the concern c	Unsat  to PHMSA detail)  Unsat	and the st	n C
Spition on a pipeline that have been previously open MAOP? (RPT.NR.AMAOPOPFAIL.R) (detail) 192.603(b) (192.620(b)(6))  Notes  8. Alternative MAOP - Election by the election to use the spipeline safety authorities of the election to use the spipeline safe	Sat+  n (detail) Does the proper alternative MAOP? (RPT.  Sat+	Sat  Scess requinks.AMAO  Sat	ire notification PNOTIFY.P) (december of the concern c	Unsat  to PHMSA detail)  Unsat	and the st	n C
Spition on a pipeline that have been previously open MAOP? (RPT.NR.AMAOPOPFAIL.R) (detail) 192.603(b) (192.620(b)(6))  Notes  8. Alternative MAOP - Election by the election to use the safety authorities of the election to use the alternative machine safety authorities of the election to use the alternative machine safety authorities of the election to use the alternative machine safety authorities of the election to use the alternative machine safety authorities of the election to use the alternative machine safety authorities of the election to use the alternative machine safety authorities of the election to use the alternative machine safety authorities of the election to use the alternative machine safety authorities of the election to use the alternative machine safety authorities of the election to use the alternative machine safety authorities of the election to use the alternative machine safety authorities of the election to use the alternative machine safety authorities of the election to use the alternative machine safety authorities of the election to use the alternative machine safety authorities of the election to use the alternative machine safety authorities of the election to use the alternative machine safety authorities of the election to use the alternative machine safety authorities of the election to use the alternative machine safety authorities of the election to use the alternative machine safety authorities are safety authorities and safety authorities are safety authorities and safety authorities are safety aut	Sat+  n (detail) Does the properties alternative MAOP? (RPT. Sat+  n (detail) Do records in tive MAOP? (RPT.NR.AMAC	Sat  Cocess requirements of the same services of th	Concern  ire notification PNOTIFY.P) (decored) Concern  tification to Ph.R) (detail)	Unsat  to PHMSA eetail)  Unsat	and the st	n C

192.620(c)(3)	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
<b>11. Alternative MAOP - Certifi</b> 92.620(c)(2) were sent to applicable PHMSA regio						) (detai
92.603(b) (192.620(c)(3))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
12. Alternative MAOP - Cathod						
HMSA and the state pipeline safety authorities of a remedial action cannot be completed within 6 mo				eet catnooi	c protectic	on crite
92.620(d)(8)	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
13. Alternative MAOP - Cathod						
13. Alternative MAOP - Cathod tate pipeline safety authorities of certain annual te ction could not be completed within 6 months? (R	est station readings that d	o not me				
tate pipeline safety authorities of certain annual te ction could not be completed within 6 months? (R	est station readings that d	o not me				
tate pipeline safety authorities of certain annual te ction could not be completed within 6 months? (R	est station readings that d PT.NR.AMAOPCP.R) (detai	o not mee I)	et cathodic pro	tection crite	eria if rem	edial
rate pipeline safety authorities of certain annual tection could not be completed within 6 months? (R92.603(b) (192.620(d)(8))	est station readings that d PT.NR.AMAOPCP.R) (detai	o not mee I)	et cathodic pro	tection crite	eria if rem	edial
tate pipeline safety authorities of certain annual tection could not be completed within 6 months? (R92.603(b) (192.620(d)(8))	est station readings that d PT.NR.AMAOPCP.R) (detai	o not mee I)	et cathodic pro	tection crite	eria if rem	edial
tate pipeline safety authorities of certain annual tection could not be completed within 6 months? (R92.603(b) (192.620(d)(8))	est station readings that d PT.NR.AMAOPCP.R) (detai	o not mee I)	et cathodic pro	tection crite	eria if rem	edial
tate pipeline safety authorities of certain annual tection could not be completed within 6 months? (R92.603(b) (192.620(d)(8))  Notes	est station readings that dept.NR.AMAOPCP.R) (details	o not mee	Concern	Unsat	N A	edial N (
tate pipeline safety authorities of certain annual tection could not be completed within 6 months? (R 92.603(b) (192.620(d)(8))  Notes  14. IM Management of Chang	est station readings that dept.NR.AMAOPCP.R) (detail  Sat+  e (detail) Is the proces	o not mee	Concern  tifying PHMSA	Unsat  and/or state	N A	edial N C
rate pipeline safety authorities of certain annual tection could not be completed within 6 months? (R 92.603(b) (192.620(d)(8))  Notes  14. IM Management of Chang gnificant changes to the Integrity Management Pr	est station readings that dept.NR.AMAOPCP.R) (detail)  Sat+  e (detail) Is the processor adequate? (RPT.NI	ess for not	Concern  tifying PHMSA	Unsat  and/or state (detail)	N A  e/local aut	edial N (
ate pipeline safety authorities of certain annual tection could not be completed within 6 months? (R 92.603(b) (192.620(d)(8))  Hotes  14. IM Management of Chang gnificant changes to the Integrity Management Pr	est station readings that dept.NR.AMAOPCP.R) (detail  Sat+  e (detail) Is the proces	o not mee	Concern  tifying PHMSA	Unsat  and/or state	N A	edial N (
tate pipeline safety authorities of certain annual te ction could not be completed within 6 months? (R 92.603(b) (192.620(d)(8)) Notes	est station readings that dept.NR.AMAOPCP.R) (detail)  Sat+  e (detail) Is the processor adequate? (RPT.NI	ess for not	Concern  tifying PHMSA	Unsat  and/or state (detail)	N A  e/local aut	edial N (

92.947(i) (192.909(b))	Sat+	Sat	Concern	Unsat	NA	N C
lotes						
16. IM Pressure Reductions (deta	il) Do the procedui	es require	e notifying PHN	ASA and/or	state/loca	a/
uthorities: 1) if the schedule for evaluation and remedia annot be provided through temporary reduction in opera						
65 days? (RPT.NR.NOTIFYIMPRESS.P) (detail)	ding pressure or ou	iei action,	, and 2) when	a pressure	reduction	CACCCC
92.933(a)(1)	Sat+	Sat	Concern	Unsat	NΑ	N C
lotes	·					
17 IM Proceure Poductions (data	il) Da wasawda dam		bat DUMCA an	d/a= a+a+a/I		
17. IM Pressure Reductions (deta ere notified with the required information when one of the						
ot be met and safety could not be provided through a te						
cceeded 365 days? (RPT.NR.NOTIFYIMPRESS.R) (detail)	)					1
xceeded 365 days? (RPT.NR.NOTIFYIMPRESS.R) (detail)		Sat	Concern	Unsat	NA	N C
xceeded 365 days? (RPT.NR.NOTIFYIMPRESS.R) (detail) 92.947(i) (192.933(a)(1))	)	Sat	Concern	Unsat	N A	N C
xceeded 365 days? (RPT.NR.NOTIFYIMPRESS.R) (detail) 92.947(i) (192.933(a)(1))	)	Sat	Concern	Unsat	NA	NO
xceeded 365 days? (RPT.NR.NOTIFYIMPRESS.R) (detail) 92.947(i) (192.933(a)(1))	)	Sat	Concern	Unsat	NA	N (
xceeded 365 days? (RPT.NR.NOTIFYIMPRESS.R) (detail) 92.947(i) (192.933(a)(1))	)	Sat	Concern	Unsat	NA	N
xceeded 365 days? (RPT.NR.NOTIFYIMPRESS.R) (detail) 92.947(i) (192.933(a)(1))  Notes	Sat+					
(detail) (192.933(a)(1))  Notes  18. IM Performance Measures (De	Sat+	Is there	a process for I	reporting in	tegrity ma	anagem
(detail) 92.947(i) (192.933(a)(1))  Notes  18. IM Performance Measures (De rogram performance measures if deviating from certain	Sat+	Is there	a process for I	reporting in	tegrity ma	anagem
(RPT.NR.NOTIFYIMPRESS.R) (detail) 92.947(i) (192.933(a)(1))  Notes  18. IM Performance Measures (Description of the performance measures if deviating from certain letail)	Sat+	Is there	a process for I	reporting in e)? (RPT.NR	tegrity ma	anagem
(RPT.NR.NOTIFYIMPRESS.R) (detail) 92.947(i) (192.933(a)(1))  Notes  18. IM Performance Measures (Derogram performance measures if deviating from certain detail)	Sat+  eviate) (detail)  IMP requirements (	Is there exception	a process for I	reporting in e)? (RPT.NR	tegrity ma	anagem TERPT
(RPT.NR.NOTIFYIMPRESS.R) (detail) 92.947(i) (192.933(a)(1))  Notes  18. IM Performance Measures (De rogram performance measures if deviating from certain detail) 92.913(b)(1)(vii)	Sat+  eviate) (detail)  IMP requirements (	Is there exception	a process for I	reporting in e)? (RPT.NR	tegrity ma	anagen TERPT
(RPT.NR.NOTIFYIMPRESS.R) (detail) 92.947(i) (192.933(a)(1))  Notes  18. IM Performance Measures (De rogram performance measures if deviating from certain detail) 92.913(b)(1)(vii)	Sat+  eviate) (detail)  IMP requirements (	Is there exception	a process for I	reporting in e)? (RPT.NR	tegrity ma	anagen TERPT
(RPT.NR.NOTIFYIMPRESS.R) (detail) 92.947(i) (192.933(a)(1))  Notes  18. IM Performance Measures (De rogram performance measures if deviating from certain detail) 92.913(b)(1)(vii)	Sat+  eviate) (detail)  IMP requirements (	Is there exception	a process for I	reporting in e)? (RPT.NR	tegrity ma	anagen TERPT
(RPT.NR.NOTIFYIMPRESS.R) (detail) 92.947(i) (192.933(a)(1))  Notes  18. IM Performance Measures (De rogram performance measures if deviating from certain detail) 92.913(b)(1)(vii)	Sat+  eviate) (detail)  IMP requirements (	Is there exception	a process for I	reporting in e)? (RPT.NR	tegrity ma	anagen TERPT
**Received 365 days? (RPT.NR.NOTIFYIMPRESS.R) (detail) 92.947(i) (192.933(a)(1))  Notes  **Received 365 days? (RPT.NR.NOTIFYIMPRESS.R) (detail) 92.913(b)(1)(vii)  Notes  Notes	Sat+  eviate) (detail)  IMP requirements (	Is there exception Sat	a process for I	reporting in e)? (RPT.NR Unsat	tegrity ma R.IMDEVIA <b>N A</b>	anagen TERPT N (
18. IM Performance Measures (Derogram performance measures if deviating from certain detail) 92.913(b)(1)(vii) Notes  19. IM Performance Measures (Derogram performance measures if deviating from certain detail)	Sat+  eviate) (detail)  IMP requirements (  Sat+	Is there exception Sat	a process for i	reporting in e)? (RPT.NR <b>Unsat</b>	tegrity ma R.IMDEVIA <b>N A</b>	anagen TERPT N (
18. IM Performance Measures (Derogram performance measures if deviating (b) (1) (viii)  19. IM Performance Measures (Derogram performance measures if deviating from certain detail)  19. IM Performance Measures (Derogram performance measures if deviating from certain detail)	Sat+  eviate) (detail)  IMP requirements (  Sat+	Is there exception Sat	a process for i	reporting in e)? (RPT.NR <b>Unsat</b>	tegrity ma R.IMDEVIA <b>N A</b>	anagen TERPT N (
18. IM Performance Measures (Derogram performance measures if deviating from certain letail) 92.913(b)(1)(vii)  19. IM Performance Measures (Derogram performance measures if deviating from certain letail) 92.913(b)(1)(vii)  19. IM Performance Measures (Derogram performance measures if deviating from certain letail)	Sat+  eviate) (detail)  IMP requirements (  Sat+	Is there exception Sat	a process for i	reporting in e)? (RPT.NR <b>Unsat</b>	tegrity ma R.IMDEVIA <b>N A</b>	nagen TERPT N(
(RPT.NR.NOTIFYIMPRESS.R) (detail) 92.947(i) (192.933(a)(1))  Notes  18. IM Performance Measures (Derogram performance measures if deviating from certain detail) 92.913(b)(1)(vii)	Sat+  Eviate) (detail)  IMP requirements (  Sat+  Eviate) (detail)  deviating from cert	Is there exception  Sat  Do recorain IMP re	a process for ral performance  Concern  ds demonstrate equirements (e	reporting in e)? (RPT.NR Unsat	tegrity ma R.IMDEVIA N A	anagem TERPT N (
18. IM Performance Measures (Derogram performance measures if deviating from certain letail) 92.913(b)(1)(vii)  19. IM Performance Measures (Detegrity management program performance measures if deviating from certain letail)	Sat+  Eviate) (detail)  IMP requirements (  Sat+  Eviate) (detail)  deviating from cert	Is there exception  Sat  Do recorain IMP re	a process for ral performance  Concern  ds demonstrate equirements (e	reporting in e)? (RPT.NR Unsat	tegrity ma R.IMDEVIA N A	nagen TERPT N (

.92.947(i) (192.945(a))	Sat+	Sat	Concern	Unsat	N A	N C
52.5 (7) (152.5 15(a))	Juli	Jut	Concern	Olisac		
lotes	<u> </u>					
21. IM Performance Report	ing (detail) Do annual re	eports den	nonstrate that	intearity ma	anagemen	t
erformance data were reported? (RPT.NR.IMP	ERFRPT.R) (detail)	,		,		
92.947(i) (192.945(a))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
Reporting - Regulatory F	Reporting (Trad	lition	al)			
			-			
Reporting - Regulatory F  1. Annual Report Records ( RPT.RR.ANNUALREPORT.R) (detail)			-	ts been sub	mitted?	
1. Annual Report Records (			-	ts been sub	mitted?	N C
1. Annual Report Records ( RPT.RR.ANNUALREPORT.R) (detail) 91.17(a)	detail) Have complete and	d accurate	Annual Report			N C
1. Annual Report Records ( RPT.RR.ANNUALREPORT.R) (detail) 91.17(a)	detail) Have complete and	d accurate	Annual Report			N (
1. Annual Report Records ( RPT.RR.ANNUALREPORT.R) (detail) 91.17(a)	detail) Have complete and	d accurate	Annual Report			N (
1. Annual Report Records ( RPT.RR.ANNUALREPORT.R) (detail) 91.17(a)	detail) Have complete and	d accurate	Annual Report			N (
1. Annual Report Records ( RPT.RR.ANNUALREPORT.R) (detail) 91.17(a) Notes  2. Immediate Reporting: Ir	Sat+	d accurate Sat	Annual Report	Unsat	NA	
1. Annual Report Records ( RPT.RR.ANNUALREPORT.R) (detail) 91.17(a) Notes  2. Immediate Reporting: Ir ational Response Center? (RPT.RR.IMMEDREP	Sat+  cidents (detail) Is the ORT.P) (detail)	Sat  re a proce	Concern  Ss to immedia	<b>Unsat</b>	<b>NA</b>	o the
1. Annual Report Records ( RPT.RR.ANNUALREPORT.R) (detail) 91.17(a) Notes	Sat+	d accurate Sat	Annual Report	Unsat	NA	
1. Annual Report Records ( RPT.RR.ANNUALREPORT.R) (detail) 91.17(a)  Notes  2. Immediate Reporting: Ir ational Response Center? (RPT.RR.IMMEDREPORT.S) 91.5(b) (191.7)	Sat+  cidents (detail) Is the ORT.P) (detail)	Sat  re a proce	Concern  Ss to immedia	<b>Unsat</b>	<b>NA</b>	o the
1. Annual Report Records ( RPT.RR.ANNUALREPORT.R) (detail) 91.17(a)  Notes  2. Immediate Reporting: Ir etional Response Center? (RPT.RR.IMMEDREPORT.S) 91.5(b) (191.7)	Sat+  cidents (detail) Is the ORT.P) (detail)	Sat  re a proce	Concern  Ss to immedia	<b>Unsat</b>	<b>NA</b>	o the
1. Annual Report Records ( RPT.RR.ANNUALREPORT.R) (detail) 91.17(a)  Notes  2. Immediate Reporting: Ir etional Response Center? (RPT.RR.IMMEDREPORT.S) 91.5(b) (191.7)	Sat+  cidents (detail) Is the ORT.P) (detail)	Sat  re a proce	Concern  Ss to immedia	<b>Unsat</b>	<b>NA</b>	o the
1. Annual Report Records ( RPT.RR.ANNUALREPORT.R) (detail) 91.17(a)  Notes  2. Immediate Reporting: Ir ational Response Center? (RPT.RR.IMMEDREPORT.S) 91.5(b) (191.7)	Sat+  cidents (detail) Is the ORT.P) (detail)	Sat  re a proce	Concern  Ss to immedia	<b>Unsat</b>	<b>NA</b>	o the
1. Annual Report Records ( RPT.RR.ANNUALREPORT.R) (detail) 91.17(a)  Notes  2. Immediate Reporting: Ir ational Response Center? (RPT.RR.IMMEDREPORT.S) 91.5(b) (191.7)  Notes  3. Immediate Reporting: Ir	Sat+  ncidents (detail) Is the ORT.P) (detail)  Sat+	sat  re a proce	Annual Report  Concern  ss to immedia	tely report	N A	o the
1. Annual Report Records ( RPT.RR.ANNUALREPORT.R) (detail) 91.17(a)  Notes  2. Immediate Reporting: Ir ational Response Center? (RPT.RR.IMMEDREPORT.S) 91.5(b) (191.7)  Notes  3. Immediate Reporting: Ir adde in accordance with 191.5? (RPT.RR.IMMEDREPORT)	Sat+  ncidents (detail) Is the ORT.P) (detail)  Sat+  ncidents (detail) Do reconcidents (detail)	sat  Sat  Sat  Cords indic	Ss to immediate	tely report i	N A  N A	o the NO
1. Annual Report Records ( RPT.RR.ANNUALREPORT.R) (detail) 91.17(a)  Notes  2. Immediate Reporting: Ir ational Response Center? (RPT.RR.IMMEDREPORT.S) 91.5(b) (191.7)  Notes	Sat+  ncidents (detail) Is the ORT.P) (detail)  Sat+	sat  re a proce	Annual Report  Concern  ss to immedia	tely report	N A	o the

192.605(b)(1) (192.612(c)(1))	Sat+	Sat	Concern	Unsat	NA	N C
132.003(8)(1) (132.012(6)(1))	Suti	Sat	Concern	Olisac		111
Notes						
5. Telephonic Reporting: Ex					icate tele	phonic
notification of exposed pipes in the Gulf of Mexic						
192.612(c)(1)	Sat+	Sat	Concern	Unsat	NA	N C
N-4						
Notes						
C Incident Denoute (detail)	D		1.60			
<b>6. Incident Reports (detail)</b> Practicable but no later than 30 days after discovered.						soon as
		C-4	Concern	Unant	NA	NI (
91.15(a)	Sat+	Sat	Concern	Unsat	ITA	N C
191.15(a)	Sat+	Sat	Concern	Unsat	NA	N
	Sat+	Sat	Concern	Unsat	NA	N
	Sat+	Sat	Concern	Unsat	NA	N
	Sat+	Sat	Concern	Ulisat	NA .	N
	Sat+	Sat	Concern	Ulisat	NA .	N
Notes  7. Supplemental Incident R	Reports (detail) Does t					
Notes  7. Supplemental Incident Resupplemental incident reports? (RPT.RR.INCIDEN	Reports (detail) Does to	he proces	s require prep	aration and	filing of	
Notes  7. Supplemental Incident Resupplemental incident reports? (RPT.RR.INCIDEN	Reports (detail) Does t					NO
7. Supplemental Incident Resupplemental incident reports? (RPT.RR.INCIDENTED 191.15(c)	Reports (detail) Does to	he proces	s require prep	aration and	filing of	
7. Supplemental Incident Resupplemental incident reports? (RPT.RR.INCIDENTED 191.15(c)	Reports (detail) Does to	he proces	s require prep	aration and	filing of	
7. Supplemental Incident Raupplemental incident reports? (RPT.RR.INCIDEN	Reports (detail) Does to	he proces	s require prep	aration and	filing of	
7. Supplemental Incident Resupplemental incident reports? (RPT.RR.INCIDENTED 191.15(c)	Reports (detail) Does to	he proces	s require prep	aration and	filing of	
7. Supplemental Incident Resupplemental incident reports? (RPT.RR.INCIDENT.91.15(c)	Reports (detail) Does to NTREPORTSUPP.P) (detail)  Sat+	he proces	s require prepare	aration and	filing of	NO
7. Supplemental Incident Resupplemental incident reports? (RPT.RR.INCIDENT.91.15(c)  Notes  8. Incident Reports (detail)	Reports (detail) Does to NTREPORTSUPP.P) (detail)  Sat+	he proces Sat	s require preparents were ident	aration and Unsat	filing of NA	N C
7. Supplemental Incident Resupplemental incident reports? (RPT.RR.INCIDENT) 91.15(c) Notes  8. Incident Reports (detail) Submitted to DOT on Form 7100.2 (01-2002) with	Reports (detail) Does to NTREPORTSUPP.P) (detail)  Sat+  Do records indicate reportath the required timeframe?	he proces Sat ble incide	concern  Concern  nts were ident	aration and Unsat  ified and report of the control	filing of  NA  ports were rail)	N C
7. Supplemental Incident Resupplemental incident reports? (RPT.RR.INCIDENT) 91.15(c)  Notes  8. Incident Reports (detail) Submitted to DOT on Form 7100.2 (01-2002) with	Reports (detail) Does to NTREPORTSUPP.P) (detail)  Sat+	he proces Sat	s require preparents were ident	aration and Unsat	filing of NA	N C
7. Supplemental Incident Resupplemental incident reports? (RPT.RR.INCIDENT 191.15(c)	Reports (detail) Does to NTREPORTSUPP.P) (detail)  Sat+  Do records indicate reportath the required timeframe?	he proces Sat ble incide	concern  Concern  nts were ident	aration and Unsat  ified and report of the control	filing of  NA  ports were rail)	N C

191.15(c)	Sat+	Sat	Concern	Unsat	NA	N C
<b>、</b> ,						
Notes						
10. Safety Related Condition Reports (	dotail) Do t	ha pracad	uros roquiro r	porting of	afati rala	tod
conditions? (RPT.RR.SRCR.P) (detail)		пе ргосеи	ures require re	eporting or s	атецу-тега	itea
192.605(a) (191.23(a); 191.23(b); 191.25(a); 191.25(b))	Sat+	Sat	Concern	Unsat	N A	N C
Notes						
11. Safety Related Condition Reports (	detail) Do re	ecords inc	licate safety-re	elated condi	tion repor	ts were
filed as required? (RPT.RR.SRCR.R) (detail)	,	1	,			
191.23(a) (191.23(b); 191.25(a); 191.25(b))	Sat+	Sat	Concern	Unsat	N A	N C
Notes						
12. Offshore Pipeline Condition Reports					be submit	ted witi
60 days after completing inspection of underwater pipelines in						1
191.27(a) (191.27(b); 192.612(a))	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
notes						
Notes						
Notes						
13. Offshore Pipeline Condition Reports			s indicate repo	rts were sul	omitted w	ithin 60
13. Offshore Pipeline Condition Reports days of completing inspections of underwater pipelines? (RPT.F	RR.OPCR.R) (d	etail)	·			T
13. Offshore Pipeline Condition Reports			concern	rts were sul	omitted wi	ithin 60
13. Offshore Pipeline Condition Reports days of completing inspections of underwater pipelines? (RPT.F	RR.OPCR.R) (d	etail)	·			T

192.605(b)(1) (192.612(c)(3)(ii))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
<b>15. Offshore Hazard to Navigation: Po</b> Sas provided when permitting delayed reburial of pipe in Gulf  RPT.RR.NOTIFYPERMITGOM.R) (detail)						tificatioi
92.612(c)(3)(ii)	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
16. NPMS: Abandoned Underwater Falled for each abandoned offshore pipeline facility or each abaronmercially navigable waterway? (RPT.RR.NPMSABANDONW	ndoned onshore	e pipeline				
92.605(b)(1) (192.727(g))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
notes						
17. NPMS: Abandoned Underwater Fa or abandoned offshore pipeline facilities or abandoned onshor	e pipeline facil	ities that				were file
17. NPMS: Abandoned Underwater Factor abandoned offshore pipeline facilities or abandoned onshorommercially navigable waterway? (RPT.RR.NPMSABANDONW	e pipeline facil	ities that				were file
	re pipeline facil ATER.R) (detai	ities that I)	crosses over, u	ınder or thı	rough a	
17. NPMS: Abandoned Underwater Factor abandoned offshore pipeline facilities or abandoned onshor ommercially navigable waterway? (RPT.RR.NPMSABANDONW 92.727(g)	re pipeline facil ATER.R) (detai	ities that I)	crosses over, u	ınder or thı	rough a	
17. NPMS: Abandoned Underwater Fa or abandoned offshore pipeline facilities or abandoned onshor ommercially navigable waterway? (RPT.RR.NPMSABANDONW	re pipeline facil ATER.R) (detail Sat+	te NPMS s	Concern  Cubmissions we	Unsat Unsat	NA  every 12	N C
17. NPMS: Abandoned Underwater Factor abandoned offshore pipeline facilities or abandoned onshor commercially navigable waterway? (RPT.RR.NPMSABANDONW.92.727(g)  Notes  18. NPMS: Annual Updates (detail) Do system modifications (excludes distribution lines and gathering	re pipeline facil ATER.R) (detail Sat+	te NPMS s	Concern  Cubmissions we	Unsat  Unsat  ere updated cations occu	NA  every 12	N C
17. NPMS: Abandoned Underwater Factor abandoned offshore pipeline facilities or abandoned onshore ommercially navigable waterway? (RPT.RR.NPMSABANDONW 92.727(g)  Notes  18. NPMS: Annual Updates (detail) Do system modifications (excludes distribution lines and gathering ubmitted stating that fact? (RPT.RR.NPMSANNUAL.R) (detail) ipeline Safety Improvement Act of 2002 (49 USC 60132)	re pipeline facil ATER.R) (detain Sat+	te NPMS sed, and th	Concern  Concern  Submissions we lat if no modific	Unsat  Unsat  ere updated cations occur	NA  NA  Levery 12  urred, an e	M C

91.22(a) (191.22(b); 191.22(c); 191.22(d))	Sat+	Sat	Concern	Unsat	NA	N C
lotes						
20. National Registry of Pipeline and					rds indicat	te
ppropriate obtaining, and control of, Operator Identification			T			
91.22(a) (191.22(b); 191.22(c); 191.22(d))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
Departing Chariel Dermite						
Reporting - Special Permits						
	Notes that are another		d with all own			
1. Special Permits or Waiver (detail)		r complie	d with all repo	rting requir	ements co	ntaine
Special Permits or Waiver (detail)  within its special permit or waiver? (RPT.SP.SPWAIVER.R) (	detail)					
Special Permits or Waiver (detail)  within its special permit or waiver? (RPT.SP.SPWAIVER.R) (		r complied	d with all repo	rting requir	ements co	ntained N C
1. Special Permits or Waiver (detail) within its special permit or waiver? (RPT.SP.SPWAIVER.R) (090.341(d)(2) (Special Permit)	detail)					
1. Special Permits or Waiver (detail) within its special permit or waiver? (RPT.SP.SPWAIVER.R) (090.341(d)(2) (Special Permit)	detail)					
1. Special Permits or Waiver (detail) within its special permit or waiver? (RPT.SP.SPWAIVER.R) (090.341(d)(2) (Special Permit)	detail)					
1. Special Permits or Waiver (detail) ithin its special permit or waiver? (RPT.SP.SPWAIVER.R) (090.341(d)(2) (Special Permit)	detail)					
1. Special Permits or Waiver (detail) ithin its special permit or waiver? (RPT.SP.SPWAIVER.R) (090.341(d)(2) (Special Permit)	detail)					
1. Special Permits or Waiver (detail) ithin its special permit or waiver? (RPT.SP.SPWAIVER.R) (090.341(d)(2) (Special Permit)	detail)					
1. Special Permits or Waiver (detail) ithin its special permit or waiver? (RPT.SP.SPWAIVER.R) (090.341(d)(2) (Special Permit)	detail)					
1. Special Permits or Waiver (detail) within its special permit or waiver? (RPT.SP.SPWAIVER.R) (090.341(d)(2) (Special Permit)	detail)					
1. Special Permits or Waiver (detail) within its special permit or waiver? (RPT.SP.SPWAIVER.R) (090.341(d)(2) (Special Permit)	detail)					
1. Special Permits or Waiver (detail) within its special permit or waiver? (RPT.SP.SPWAIVER.R) (0 90.341(d)(2) (Special Permit)  Notes	Sat+					
1. Special Permits or Waiver (detail) within its special permit or waiver? (RPT.SP.SPWAIVER.R) (0 90.341(d)(2) (Special Permit)  Notes	Sat+					
1. Special Permits or Waiver (detail) within its special permit or waiver? (RPT.SP.SPWAIVER.R) (detail) 90.341(d)(2) (Special Permit)  Notes  Screening - Assessment and Recommendations	sat+	Sat	Concern	Unsat	NA	NO
Reporting - Special Permits  1. Special Permits or Waiver (detail) within its special permit or waiver? (RPT.SP.SPWAIVER.R) (detail) 90.341(d)(2) (Special Permit)  Notes  Screening - Assessment and Reconstruction of the special permit of the	epair	Sat	Concern	Unsat	NA	NC
1. Special Permits or Waiver (detail) within its special permit or waiver? (RPT.SP.SPWAIVER.R) (detail) 90.341(d)(2) (Special Permit) Notes  Screening - Assessment and Recommendations of the second	sat+	Sat	Concern	Unsat	NA	NO
1. Special Permits or Waiver (detail) ithin its special permit or waiver? (RPT.SP.SPWAIVER.R) (detail) 90.341(d)(2) (Special Permit) Notes  Creening - Assessment and Reconstruction of the company of th	epair	Sat	Concern	Unsat	NA	NO
1. Special Permits or Waiver (detail) ithin its special permit or waiver? (RPT.SP.SPWAIVER.R) (detail) 90.341(d)(2) (Special Permit) Notes  Screening - Assessment and Recommendation	epair	Sat	Concern	Unsat	NA	NO

	SI	PAC	NIC	NA	
otes					
2. Integrity Assessment Method - IL stems? (SRN.AR.ILIUSE.S) (detail)	.I (detail) Are	LI tools util	ized to asse	ss the integ	grity of any pip
(c	SI	PAC	NIC	N A	]
otes					
3. Identification of Specific Threats	(detail) Have s	necific threa	nts heen ide	ntified that	require specif
3. Identification of Specific Threats ols to be used on any pipeline system in the last 3 years.				ntified that	require specifi
				ntified that	require specifi
	? (SRN.AR.THREAT	ID.S) (detai	l)		require specifi
ols to be used on any pipeline system in the last 3 years:	? (SRN.AR.THREAT	ID.S) (detai	l)		require specifi
ools to be used on any pipeline system in the last 3 years:	? (SRN.AR.THREAT	ID.S) (detai	l)		require specifi
3. Identification of Specific Threats pols to be used on any pipeline system in the last 3 years.  Notes	? (SRN.AR.THREAT	ID.S) (detai	l)		require specifi
ools to be used on any pipeline system in the last 3 years:	? (SRN.AR.THREAT	ID.S) (detai	l)		require specifi
ols to be used on any pipeline system in the last 3 years:  Notes  4. Integrity Assessment Method - P	ressure Testi	ID.S) (detai	NIC	NA	
ols to be used on any pipeline system in the last 3 years:  lotes  4. Integrity Assessment Method - P	ressure Testii	ID.S) (detai	NIC  NIC	N A	
ols to be used on any pipeline system in the last 3 years:  lotes  4. Integrity Assessment Method - P	ressure Testi	ID.S) (detai	NIC	NA	
ols to be used on any pipeline system in the last 3 years:  lotes  4. Integrity Assessment Method - P e integrity of any of the pipeline systems? (SRN.AR.PRES	ressure Testii	ID.S) (detai	NIC  NIC	N A	
ols to be used on any pipeline system in the last 3 years:  lotes  4. Integrity Assessment Method - P e integrity of any of the pipeline systems? (SRN.AR.PRES	ressure Testii	ID.S) (detai	NIC  NIC	N A	
Iotes  4. Integrity Assessment Method - Pose integrity of any of the pipeline systems? (SRN.AR.PRES	ressure Testii	ID.S) (detai	NIC  NIC	N A	
ools to be used on any pipeline system in the last 3 years:	ressure Testii	ID.S) (detai	NIC  NIC	N A	
Notes  4. Integrity Assessment Method - Pose integrity of any of the pipeline systems? (SRN.AR.PRES	ressure Testi SSTEST.S) (detail) SI	ng (detai	NIC  I) Is press  NIC	NA ure testing NA	utilized to asso
Iotes  4. Integrity Assessment Method - Pe integrity of any of the pipeline systems? (SRN.AR.PRES)  Iotes  5. Integrity Assessment Method - EC	ressure Testi SSTEST.S) (detail) SI	ng (detai	NIC  I) Is press  NIC	NA ure testing NA	utilized to asso
Iotes  4. Integrity Assessment Method - Pe integrity of any of the pipeline systems? (SRN.AR.PRES)  Iotes  5. Integrity Assessment Method - EC	ressure Testing STEST.S) (detail) Is	ID.S) (detai	NIC  I) Is press  NIC  ed to asses	NA  WA  NA  S the integr	utilized to asso
Integrity Assessment Method - Pe integrity of any of the pipeline systems? (SRN.AR.PRES	ressure Testi SSTEST.S) (detail) SI	ng (detai	NIC  I) Is press  NIC	NA ure testing NA	utilized to asso
lotes  4. Integrity Assessment Method - P e integrity of any of the pipeline systems? (SRN.AR.PRES	ressure Testing STEST.S) (detail) Is	ID.S) (detai	NIC  I) Is press  NIC  ed to asses	NA  WA  NA  S the integr	utilized to asso

	SI	PAC	NIC	NA	
	31	PAC	MIC	IVA	
otes					
7. Integrity Assessment Method - ICD	A (detail) Is	ICDA utilize	ed to assess	the integrity	of any of
ipeline systems? (SRN.AR.ICDA.S) (detail)	SI	PAC	NIC	NA	
		17.0			
Notes					
8. Integrity Assessment Method - SCC	DA (detail)	In SCCDA w	tilized to a	cass tha into	arity of an
ipeline systems? (SRN.AR.SCCDA.S) (detail)	DA (uetaii)	IS SCCDA U	unizeu to as	sess the litte	grity or ari
	SI	PAC	NIC	N A	
Notes					
9. Integrity Assessment Method - CDA	(detail) Is (	CDA utilized	to assess th	ne integrity o	f any of the
					f any of the
	(detail) Is (	CDA utilized	to assess th	ne integrity o	f any of the
oipeline systems? (SRN.AR.CDA.S) (detail)					f any of the
oipeline systems? (SRN.AR.CDA.S) (detail)					f any of the
9. Integrity Assessment Method - CDA pipeline systems? (SRN.AR.CDA.S) (detail)  Notes					f any of th
oipeline systems? (SRN.AR.CDA.S) (detail)					f any of the
Notes  10. Low Stress Re-assessments (detail)	SI Sil) Is Low Str	PAC	NIC	NA	
Notes  10. Low Stress Re-assessments (detail)	SI  Sail) Is Low Str  S.S) (detail)	PAC	NIC	N A	
Notes  10. Low Stress Re-assessments (detail)	SI Sil) Is Low Str	PAC	NIC	NA	
nipeline systems? (SRN.AR.CDA.S) (detail)  Notes	SI  Sail) Is Low Str  S.S) (detail)	PAC	NIC	N A	

	SI	PAC	NIC	N A	7
		IAC	1410	III.	
otes					
<b>12. Pressure Reductions and Shutdow</b> autdown in the last 3 years in response to remediate a condition. AR.PRESSREDSD.S) (detail)					ken or a pipel
	SI	PAC	NIC	NA	
otes					
13. Repair Criteria (detail) Does the opera	ator utilize the s	ame respon	se/repair cr	iteria in HC	CA and non HC
	ntor utilize the s	ame respon	se/repair cr	iteria in HC	CA and non HC
					CA and non HC
SRN.AR.REPCRIT.S) (detail)					CA and non HC
SRN.AR.REPCRIT.S) (detail)					CA and non HC
SRN.AR.REPCRIT.S) (detail)					CA and non HC
SRN.AR.REPCRIT.S) (detail)					CA and non HC
Notes  14. Identification and Remediation of	SI Cracks on	PAC	NIC Systems	NA (detail	<b>)</b> Have any cr
Notes  14. Identification and Remediation of rack-like features been identified and remediated on any of t	SI Cracks on	PAC	NIC Systems	NA (detail	<b>)</b> Have any cr
Notes  14. Identification and Remediation of rack-like features been identified and remediated on any of t	SI Cracks on	PAC	NIC Systems	NA (detail	<b>)</b> Have any cr
Notes  14. Identification and Remediation of rack-like features been identified and remediated on any of t	Cracks on the pipeline system	PAC Pipeline em in the la	NIC  Systems st 3 years?	NA (detail) (SRN.AR.C	<b>)</b> Have any cr
Notes  14. Identification and Remediation of rack-like features been identified and remediated on any of t detail)	Cracks on the pipeline system	PAC Pipeline em in the la	NIC  Systems st 3 years?	NA (detail) (SRN.AR.C	<b>)</b> Have any cr
Notes  14. Identification and Remediation of rack-like features been identified and remediated on any of t detail)	Cracks on the pipeline system	PAC Pipeline em in the la	NIC  Systems st 3 years?	NA (detail) (SRN.AR.C	<b>)</b> Have any cr
SRN.AR.REPCRIT.S) (detail)  Notes	Cracks on the pipeline system	PAC Pipeline em in the la	NIC  Systems st 3 years?	NA (detail) (SRN.AR.C	<b>)</b> Have any cr
Notes  14. Identification and Remediation of rack-like features been identified and remediated on any of t detail)	Cracks on the pipeline system	PAC Pipeline em in the la	NIC  Systems st 3 years?	NA (detail) (SRN.AR.C	<b>)</b> Have any cr
Notes  14. Identification and Remediation of rack-like features been identified and remediated on any of the detail)  Notes	Cracks on the pipeline systems	PAC Pipeline em in the la	Systems st 3 years?	(detail) (SRN.AR.C	<b>)</b> Have any cr
Notes  14. Identification and Remediation of rack-like features been identified and remediated on any of the detail)  Notes  15. Use of Contractor Personnel (detail)	Cracks on the pipeline system SI  SI  Are contra	PAC Pipeline em in the la	Systems st 3 years? NIC	(detail) (SRN.AR.C	) Have any cr CRACKIDENT.S
Notes  14. Identification and Remediation of rack-like features been identified and remediated on any of tidetail)  Notes	Cracks on the pipeline system SI  SI  Are contra	PAC Pipeline em in the la	Systems st 3 years? NIC	(detail) (SRN.AR.C	) Have any cr CRACKIDENT.S

pjects been performed in the last 3 years? If so, identify the pro	SI	PAC	NIC	N A	1
	31	FAC	1410	11 A	-
tes					
17. Integrity Related Activities (detail)	Doccribo th	o most signi	ficant intog	rity accord	manta ramadia
placement, and reconditioning projects that will be taking place					
	SI	PAC	NIC	N A	1
					-
tes					
	_				
creening - Training and Qualifica	tion				
creening - Training and Qualifica	tion				
		ubmodule S	ummarv (SI	RN.TQ.SUM	MARY.S) (detai
creening - Training and Qualifica  0. SRN.TQ Submodule Summary Result (	detail) s	T			MARY.S) (detai
		ubmodule S	ummary (SI	RN.TQ.SUM	MARY.S) (detai
	detail) s	T			MARY.S) (detai
0. SRN.TQ Submodule Summary Result (	detail) s	T			MARY.S) (detai
0. SRN.TQ Submodule Summary Result (	detail) s	T			MARY.S) (detai
0. SRN.TQ Submodule Summary Result (	detail) s	T			MARY.S) (detai
0. SRN.TQ Submodule Summary Result (	detail) s	T			MARY.S) (detai
creening - Training and Qualifica  0. SRN.TQ Submodule Summary Result ( otes	detail) s	T			MARY.S) (detai
0. SRN.TQ Submodule Summary Result (	detail) S	PAC	NIC	NA	
0. SRN.TQ Submodule Summary Result (	detail) S	PAC	NIC	NA	
O. SRN.TQ Submodule Summary Result (  otes  1. OQ Plan Management and Implementa	detail) S	PAC	NIC	NA	
O. SRN.TQ Submodule Summary Result (  otes  1. OQ Plan Management and Implementa	detail) S SI tion (de	tail) Is the	NIC	<b>NA</b> OQ Plan ar	
O. SRN.TQ Submodule Summary Result (  otes  1. OQ Plan Management and Implementa  illities? (SRN.TQ.OQPLAN.S) (detail)	detail) S SI tion (de	tail) Is the	NIC	<b>NA</b> OQ Plan ar	
O. SRN.TQ Submodule Summary Result (  otes  1. OQ Plan Management and Implementa  illities? (SRN.TQ.OQPLAN.S) (detail)	detail) S SI tion (de	tail) Is the	NIC	<b>NA</b> OQ Plan ar	
O. SRN.TQ Submodule Summary Result (  otes  1. OQ Plan Management and Implementa  cilities? (SRN.TQ.OQPLAN.S) (detail)	detail) S SI tion (de	tail) Is the	NIC	<b>NA</b> OQ Plan ar	
O. SRN.TQ Submodule Summary Result (  otes  1. OQ Plan Management and Implementa  illities? (SRN.TQ.OQPLAN.S) (detail)	detail) S SI tion (de	tail) Is the	NIC	<b>NA</b> OQ Plan ar	
O. SRN.TQ Submodule Summary Result (  otes  1. OQ Plan Management and Implementa  cilities? (SRN.TQ.OQPLAN.S) (detail)	detail) S SI tion (de	tail) Is the	NIC	<b>NA</b> OQ Plan ar	
O. SRN.TQ Submodule Summary Result ( otes  1. OQ Plan Management and Implementa cilities? (SRN.TQ.OQPLAN.S) (detail)	detail) S SI tion (de	tail) Is the	NIC	<b>NA</b> OQ Plan ar	
0. SRN.TQ Submodule Summary Result (  otes  1. OQ Plan Management and Implementa illities? (SRN.TQ.OQPLAN.S) (detail)  otes	detail) S SI tion (de	tail) Is the	NIC ere a single NIC	NA  OQ Plan ar	nd Program for
O. SRN.TQ Submodule Summary Result (  Otes  1. OQ Plan Management and Implemental idities? (SRN.TQ.OQPLAN.S) (detail)  Otes  2. OQ Procedure Manual Modifications (compared to the second context)	detail) S SI tion (de	tail) Is the	NIC ere a single NIC	NA  OQ Plan ar	nd Program for
0. SRN.TQ Submodule Summary Result ( otes  1. OQ Plan Management and Implementa cilities? (SRN.TQ.OQPLAN.S) (detail) otes	tion (de	PAC PAC  PAC  (steep manual) (detail)	NIC  ere a single  NIC	NA OQ Plan ar	nd Program for
O. SRN.TQ Submodule Summary Result (  Otes  1. OQ Plan Management and Implemental idities? (SRN.TQ.OQPLAN.S) (detail)  Otes  2. OQ Procedure Manual Modifications (compared to the second context)	detail) S SI tion (de	tail) Is the	NIC ere a single NIC	NA  OQ Plan ar	nd Program for
0. SRN.TQ Submodule Summary Result (  1. OQ Plan Management and Implementa  cilities? (SRN.TQ.OQPLAN.S) (detail)  otes  2. OQ Procedure Manual Modifications (compared to the second context)	tion (de	PAC PAC  PAC  (steep manual) (detail)	NIC  ere a single  NIC	NA OQ Plan ar	nd Program for
0. SRN.TQ Submodule Summary Result (  1. OQ Plan Management and Implementa  cilities? (SRN.TQ.OQPLAN.S) (detail)  otes  2. OQ Procedure Manual Modifications (compared to the second context)	tion (de	PAC PAC  PAC  (steep manual) (detail)	NIC  ere a single  NIC	NA OQ Plan ar	nd Program for
O. SRN.TQ Submodule Summary Result (  Otes  1. OQ Plan Management and Implemental cilities? (SRN.TQ.OQPLAN.S) (detail)  otes  2. OQ Procedure Manual Modifications (conditied since the last PHMSA Team OQ inspection? (SRN.TQ.OQF	tion (de	PAC PAC  PAC  (steep manual) (detail)	NIC  ere a single  NIC	NA OQ Plan ar	nd Program for

			OQ Hall: (S	1111.1Q.OQ	CONST.S) (detai
	SI	PAC	NIC	NA	
otes					
4. OQ Program - Open Issues (detail) Ha	ave all open i	ssues been	remediated	' (SRN.TQ.	OQISSUES.S)
	SI	PAC	NIC	NA	1
otes					
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
<ol><li>5. OQ Plan Management and Implement RN.TQ.OQSITEVARIATION.S) (detail)</li></ol>	itation (d	etail) Hov	v are site sp	ecific varia	tions accounted
( (.	SI	PAC	NIC	NA	1
otes					
					atractor?
6. Personnel (detail) How many personnel are	covered by	the OQ Plan,	both in ho	ise ana coi	iti actor :
					ntractor?
	s covered by	PAC	NIC	N A	itractor?
RN.TQ.OQPERSONNEL.S) (detail)					itractor?
RN.TQ.OQPERSONNEL.S) (detail)					litractor?
RN.TQ.OQPERSONNEL.S) (detail)					litraction?
RN.TQ.OQPERSONNEL.S) (detail)					litraction?
RN.TQ.OQPERSONNEL.S) (detail)					litractor?
otes	SI	PAC	NIC	NA	
otes  7. Other Entities and Mutual Assistance es the process have provisions for other individuals to perform	SI	PAC s Perform	NIC	NA ered Ta	sks (detail)
otes  7. Other Entities and Mutual Assistance ses the process have provisions for other individuals to perform	Program n covered tas	PAC  S Perform	ning Cov	NA  ered Ta	sks (detail)
otes  7. Other Entities and Mutual Assistance es the process have provisions for other individuals to perform	SI	PAC s Perform	NIC	NA ered Ta	sks (detail)
RN.TQ.OQPERSONNEL.S) (detail)  otes	Program n covered tas	PAC  S Perform	ning Cov	NA  ered Ta	sks (detail)
otes  7. Other Entities and Mutual Assistance es the process have provisions for other individuals to perform	Program n covered tas	PAC  S Perform	ning Cov	NA  ered Ta	sks (detail)
otes  7. Other Entities and Mutual Assistance es the process have provisions for other individuals to perform reements? (SRN.TQ.OQMUTUAL.S) (detail)	Program n covered tas	PAC  S Perform	ning Cov	NA  ered Ta	sks (detail)

ining and Qualification or is this contained elsewhere (such as			, ,		S) (detail)
	SI	PAC	NIC	NA	_
es					
9. Use of Plastic Pipe (detail) Are there any p	laatia ninali		O DI ACTIC	C) (data:1)	
9. Use of Plastic Pipe (detail) Are there any p	SI	PAC	NIC	N A	1
	31	IAC	NIC	I II A	-
tes					
· <del></del>					
10. Removal from Covered Task (detail)	Has an ∩∩-	aualified in	dividual hee	n removed	from performi
ered task? (SRN.TQ.OQREMOVAL.S) (detail)		quanneu inc	Dec	removed	o perioriiii
	SI	PAC	NIC	N A	
etes					
otes					
	k Dete	ection			
creening - CRM, SCADA, and Leal					
	detail) S	ubmodule S			MARY.S) (deta
creening - CRM, SCADA, and Leal			ummary (SI	RN.CR.SUM	MARY.S) (deta
creening - CRM, SCADA, and Leal  0. SRN.CR Submodule Summary Result (	detail) S	ubmodule S			MARY.S) (deta
creening - CRM, SCADA, and Leal  O. SRN.CR Submodule Summary Result (	detail) S	ubmodule S			MARY.S) (deta
creening - CRM, SCADA, and Leal  0. SRN.CR Submodule Summary Result (	detail) S	ubmodule S			MARY.S) (deta
creening - CRM, SCADA, and Leal  0. SRN.CR Submodule Summary Result (	detail) S	ubmodule S			MARY.S) (deta
creening - CRM, SCADA, and Leal  0. SRN.CR Submodule Summary Result (o	detail) S	ubmodule S			MARY.S) (deta
creening - CRM, SCADA, and Leal  0. SRN.CR Submodule Summary Result (o	sı	PAC	NIC	NA	
creening - CRM, SCADA, and Leal  0. SRN.CR Submodule Summary Result (	sı	PAC	NIC	NA	
creening - CRM, SCADA, and Leal  0. SRN.CR Submodule Summary Result (contest)  otes  1. SCADA System (detail) Discussion of the Scan	sı	PAC	NIC	NA	
creening - CRM, SCADA, and Leal  0. SRN.CR Submodule Summary Result (contest)  otes  1. SCADA System (detail) Discussion of the Scan	SI  CADA Syste	PAC PAC	NIC	NA omation uti	
creening - CRM, SCADA, and Leal  0. SRN.CR Submodule Summary Result (detail)  otes  1. SCADA System (detail) Discussion of the Scan, CR.SCADACONDITION.S) (detail)	SI  CADA Syste	PAC PAC	NIC	NA omation uti	
creening - CRM, SCADA, and Leal  0. SRN.CR Submodule Summary Result (detail)  1. SCADA System (detail) Discussion of the Scan, CR.SCADACONDITION.S) (detail)	SI  CADA Syste	PAC PAC	NIC	NA omation uti	
creening - CRM, SCADA, and Leal  0. SRN.CR Submodule Summary Result (contessorted)  1. SCADA System (detail) Discussion of the Scan	SI  CADA Syste	PAC PAC	NIC	NA omation uti	

					7
	SI	PAC	NIC	NA	
utes					
3. Control Center Location (detail) When	e is the main	Control Cen	ter located?	SRN.CR.C	CONTROLCNTR
letail)	SI	PAC	NIC	N A	]
laka					
lotes					
4. Controller Training and Qualification	(detail) [	Discussion of	the Contro	ller training	17
SRN.CR.CRTRAINING.S) (detail)				1	1
	SI	PAC	NIC	NA	
Notes			ı	ı	I
5. Controllers (detail) How many controllers a	are there tota	l and per sh	ift, and wha	nt is their w	ork schedule/s
SRN.CR.CONTROLLERS.S) (detail)	SI	PAC	NIC	N A	1
	31	IAC	MIC	NA	
Notes					
Notes					
Notes					
6. Extent of SCADA Usage/SCADA Cove	erage (det	tail) How a	nre SCADA S	Systems im	plemented and
		-			plemented and
6. Extent of SCADA Usage/SCADA Cove	erage (det	tail) How a	nre SCADA S	Systems im	plemented and
6. Extent of SCADA Usage/SCADA Cove		-			plemented and
6. Extent of SCADA Usage/SCADA Cover the system? (SRN.CR.SCADACOVERAGE.S) (detail)		-			plemented and

	SI	PAC	NIC	NA	
tes			ı	ı	ı
9 Use of SCADA / Automation for Compli	ansa (da	toil) to co	5454+-	<i>6</i> 4	
8. Use of SCADA/Automation for Compliance with Federal pipeline regulations, and if s					
, , , , , , , , , , , , , , , , , , , ,	SI	PAC	NIC	N A	
otes					
nes .					
9. Leak Detection (detail) How are leaks detection	ted (system	in place, pi	rocedures a	vailable)? (	SRN.CR.LFAK
etail)	(5)500	p.a.co, p.	00000.000	(	o
	SI	PAC	NIC	N A	
					1
otes					
crooning Docian and Construct	ian				
creening - Design and Construct	ion				
		uhmodulo S	ummanı (S	DN DC SUM	IMADV S) (do
creening - Design and Constructi 0. SRN.DC Submodule Summary Result (	detail) S				MARY.S) (de
		ubmodule S PAC	ummary (SI	RN.DC.SUM N A	IMARY.S) (de
	detail) S				IMARY.S) (de
0. SRN.DC Submodule Summary Result (	detail) S				IMARY.S) (de
0. SRN.DC Submodule Summary Result (	detail) S				IMARY.S) (de
0. SRN.DC Submodule Summary Result (	detail) S				IMARY.S) (de
0. SRN.DC Submodule Summary Result (	detail) S				IMARY.S) (de
0. SRN.DC Submodule Summary Result (	detail) S				MARY.S) (de
0. SRN.DC Submodule Summary Result (	detail) Si	PAC	NIC	NA	
0. SRN.DC Submodule Summary Result ( lotes  1. Management - New Facility (detail) Is	detail) Si	PAC	NIC	NA	
0. SRN.DC Submodule Summary Result ( lotes  1. Management - New Facility (detail) Is	the process	PAC  s different for PROCNEW.S	NIC or managing () (detail)	N A	
0. SRN.DC Submodule Summary Result ( lotes  1. Management - New Facility (detail) Is	detail) Si	PAC	NIC	NA	
0. SRN.DC Submodule Summary Result (  Notes  1. Management - New Facility (detail) Is rojects vs. managing "maintenance" construction projects? (SRN	the process	PAC  s different for PROCNEW.S	NIC or managing () (detail)	N A	
0. SRN.DC Submodule Summary Result ( lotes  1. Management - New Facility (detail) Is ojects vs. managing "maintenance" construction projects? (SRN	the process	PAC  s different for PROCNEW.S	NIC or managing () (detail)	N A	
Notes	the process	PAC  s different for PROCNEW.S	NIC or managing () (detail)	N A	

	SI	PAC	NIC	N A	
lotes					
3. Construction vs. Maintenance (detail	Does the n	rocess differ	entiate hetu	veen new c	construction a
peration/maintenance as relates to OQ applicability? (SRN.DC			chiace seri	veen new e	
	SI	PAC	NIC	NA	
Notes					
4. First and Consul Basta Barraya (da					
4. First and Second Party Damage (de operator personnel-caused) or "second party" (operator's cont	<b>etall)</b> Within ractor personr	the last 3 ye nel-caused)	ears have ti damages to	nere been a in-service	any "first party pipeline caus
onstruction activity near the line? (SRN.DC.DAMAGE1ST2NDPA	ARTY.S) (detai	1)			7
	SI	PAC	NIC	N A	
Notes					
Notes					
Notes					
		<b>to:</b>	<b>.</b>		
5. Leaks - Material and Construction R			construction	or materia	al related leak
5. Leaks - Material and Construction R			construction	or materia	al related leak
5. Leaks - Material and Construction R	MATCONST.S	) (detail)			al related leak
5. Leaks - Material and Construction R pipelines or components within the last 3 years? (SRN.DC.LEAK	MATCONST.S	) (detail)			al related leak
5. Leaks - Material and Construction R pipelines or components within the last 3 years? (SRN.DC.LEAK	MATCONST.S	) (detail)			al related leak
5. Leaks - Material and Construction R pipelines or components within the last 3 years? (SRN.DC.LEAK	MATCONST.S	) (detail)			al related leak
5. Leaks - Material and Construction R Dipelines or components within the last 3 years? (SRN.DC.LEAK	MATCONST.S	) (detail)			al related leak
5. Leaks - Material and Construction R ippelines or components within the last 3 years? (SRN.DC.LEAK  Notes  6. Leaks - Test Failures (detail) Have the	SI SI ere been any p	PAC	NIC	NA	
5. Leaks - Material and Construction R ipelines or components within the last 3 years? (SRN.DC.LEAK Notes  6. Leaks - Test Failures (detail) Have the	SI  ere been any p (detail)	PAC	NIC	<b>NA</b> ommission	
5. Leaks - Material and Construction R ippelines or components within the last 3 years? (SRN.DC.LEAK  Notes  6. Leaks - Test Failures (detail) Have the	SI SI ere been any p	PAC	NIC	NA	
5. Leaks - Material and Construction R hipelines or components within the last 3 years? (SRN.DC.LEAK  Notes  6. Leaks - Test Failures (detail) Have the hailures within the last 3 years? (SRN.DC.CONSTHYDROFAIL.S)	SI  ere been any p (detail)	PAC	NIC	<b>NA</b> ommission	
5. Leaks - Material and Construction R Dipelines or components within the last 3 years? (SRN.DC.LEAK  Notes	SI  ere been any p (detail)	PAC	NIC	<b>NA</b> ommission	

	SI	PAC	NIC	NA	
otes					
8. Plastic Pipe (detail) Are construction active RN.DC.PROJECTPLASTIC.S) (detail)	ities schedule	d to occur w	vithin the ne	ext 6 months	on plastic pi
	SI	PAC	NIC	N A	
otes					
<b>9. Pressure Tests (detail)</b> Are pressure test existing pipeline components (tests that are to be performed GRN.DC.PROJECTPRESSTEST.S) (detail)					
on noscon neconito (actail)	SI	PAC	NIC	N A	
Notes					
10. Gathering (detail) Are construction activity	ities schedule	d to occur w	vithin the ne	ext 6 months	on onshore a
<b>10. Gathering (detail)</b> Are construction active fishore gathering lines? (SRN.DC.PROJECTGATHERING.S) (detail)	ities schedule ail)	d to occur w	vithin the ne	ext 6 months	on onshore a
<b>10. Gathering (detail)</b> Are construction active ffshore gathering lines? (SRN.DC.PROJECTGATHERING.S) (detail)	ail)				on onshore a
ffshore gathering lines? (SRN.DC.PROJECTGATHERING.S) (deta	ail)				on onshore a
10. Gathering (detail) Are construction activiffshore gathering lines? (SRN.DC.PROJECTGATHERING.S) (detail)  Notes	ail)				on onshore a
Motes	ail) SI	PAC	NIC	NA	
ffshore gathering lines? (SRN.DC.PROJECTGATHERING.S) (deta	eents or requa	PAC	NIC	NA	
ffshore gathering lines? (SRN.DC.PROJECTGATHERING.S) (detail)  Notes  11. Class Change (detail) Are pipe replacem	eents or requa	PAC	NIC	NA	
ffshore gathering lines? (SRN.DC.PROJECTGATHERING.S) (detail)  Notes  11. Class Change (detail) Are pipe replacem	eents or requa	PAC  alification te. SSLOC.S) (	NIC sts that are detail)	NA required by	

	SI	PAC	NIC	N A	
				1171	
otes	l l		ı	I	
13. Steel Line Pipe and Stations (detainths on steel line pipe and/or stations (meter, compressor, RN.DC.CONSTPIPESTATION.S) (detail)				led to occu	ır within the nex
NN.De.Constitit Estation.s, (detail)	SI	PAC	NIC	N A	
otes					
14. Construction - Vintage Pipe Conne	ections (de	t <b>ail)</b> Are co	onstruction	activities s	scheduled to occi
hin the next 6 months that are in close proximity to a pipel	ine joined with	mechanical	couplings, o	or to a pipe	eline joined with
thin the next 6 months that are in close proximity to a pipel	ine joined with	mechanical	couplings, o	or to a pipe	eline joined with
thin the next 6 months that are in close proximity to a pipelelds that may be susceptible to failure if disturbed or moved	ine joined with (such as acety	mechanical lene welds)?	couplings, o	or to a pipe CONSTVINT	eline joined with
thin the next 6 months that are in close proximity to a pipelelds that may be susceptible to failure if disturbed or moved	ine joined with (such as acety	mechanical lene welds)?	couplings, o	or to a pipe CONSTVINT	eline joined with
thin the next 6 months that are in close proximity to a pipel elds that may be susceptible to failure if disturbed or moved	ine joined with (such as acety	mechanical lene welds)?	couplings, o	or to a pipe CONSTVINT	eline joined with
thin the next 6 months that are in close proximity to a pipel elds that may be susceptible to failure if disturbed or moved	ine joined with (such as acety	mechanical lene welds)?	couplings, o	or to a pipe CONSTVINT	eline joined with
thin the next 6 months that are in close proximity to a pipel elds that may be susceptible to failure if disturbed or moved otes  15. Construction - Vintage Pipe Tie-I	ine joined with (such as acety  SI  ns (detail)	mechanical lene welds)?  PAC	couplings, of (SRN.DC.C)  NIC	or to a pipe CONSTVINT NA	eline joined with FAGE.S) (detail)
thin the next 6 months that are in close proximity to a pipel elds that may be susceptible to failure if disturbed or moved otes  15. Construction - Vintage Pipe Tie-In thin the next 6 months on a pipeline joined with mechanical	sine joined with (such as acety  SI  ms (detail)  couplings, or of	mechanical lene welds)?  PAC  Are construction a pipeline	couplings, of (SRN.DC.C)  NIC  ction tie-in a joined with	or to a pipe CONSTVINT NA	eline joined with FAGE.S) (detail)
thin the next 6 months that are in close proximity to a pipel elds that may be susceptible to failure if disturbed or moved otes  15. Construction - Vintage Pipe Tie-In thin the next 6 months on a pipeline joined with mechanical	sine joined with (such as acety  SI  ms (detail)  couplings, or of	mechanical lene welds)?  PAC  Are construction a pipeline	couplings, of (SRN.DC.C)  NIC  ction tie-in a joined with	or to a pipe CONSTVINT NA	eline joined with FAGE.S) (detail)
thin the next 6 months that are in close proximity to a pipel elds that may be susceptible to failure if disturbed or moved	ns (detail)  I couplings, or o	Are construction a pipeline	couplings, of (SRN.DC.C)  NIC  ction tie-in a joined with S) (detail)	or to a pipe CONSTVINT NA NA activities so welds tha	eline joined with FAGE.S) (detail)
thin the next 6 months that are in close proximity to a pipel elds that may be susceptible to failure if disturbed or moved otes  15. Construction - Vintage Pipe Tie-II thin the next 6 months on a pipeline joined with mechanical failure if disturbed or moved (such as acetylene welds)? (Signature is a pipeline welds)?	ns (detail)  I couplings, or o	Are construction a pipeline	couplings, of (SRN.DC.C)  NIC  ction tie-in a joined with S) (detail)	or to a pipe CONSTVINT NA NA activities so welds tha	eline joined with FAGE.S) (detail)
thin the next 6 months that are in close proximity to a pipel olds that may be susceptible to failure if disturbed or moved ones  15. Construction - Vintage Pipe Tie-In thin the next 6 months on a pipeline joined with mechanical failure if disturbed or moved (such as acetylene welds)? (Signature if disturbed or moved (such as acetylene welds)?	ns (detail)  I couplings, or o	Are construction a pipeline	couplings, of (SRN.DC.C)  NIC  ction tie-in a joined with S) (detail)	or to a pipe CONSTVINT NA NA activities so welds tha	eline joined with FAGE.S) (detail)
thin the next 6 months that are in close proximity to a pipel elds that may be susceptible to failure if disturbed or moved otes  15. Construction - Vintage Pipe Tie-In thin the next 6 months on a pipeline joined with mechanical failure if disturbed or moved (such as acetylene welds)? (Signature if disturbed or moved (such as acetylene welds)?	ns (detail)  I couplings, or o	Are construction a pipeline	couplings, of (SRN.DC.C)  NIC  ction tie-in a joined with S) (detail)	or to a pipe CONSTVINT NA NA activities so welds tha	eline joined with FAGE.S) (detail)
thin the next 6 months that are in close proximity to a pipel olds that may be susceptible to failure if disturbed or moved ones  15. Construction - Vintage Pipe Tie-In thin the next 6 months on a pipeline joined with mechanical failure if disturbed or moved (such as acetylene welds)? (Signature of the contest of the co	ns (detail) I couplings, or c RN.DC.CONSTV  SI  detail) Are co	mechanical lene welds)?  PAC  Are construction a pipeline INTAGETIE.  PAC	couplings, of (SRN.DC.C)  NIC  ction tie-in a joined with S) (detail)  NIC	or to a pipe CONSTVINT NA activities so welds tha	cheduled to occu
thin the next 6 months that are in close proximity to a pipel elds that may be susceptible to failure if disturbed or moved otes  15. Construction - Vintage Pipe Tie-II thin the next 6 months on a pipeline joined with mechanical failure if disturbed or moved (such as acetylene welds)? (Signature) otes	ns (detail) I couplings, or c RN.DC.CONSTV  SI  detail) Are co	mechanical lene welds)?  PAC  Are construction a pipeline INTAGETIE.  PAC	couplings, of (SRN.DC.C)  NIC  ction tie-in a joined with S) (detail)  NIC	or to a pipe CONSTVINT NA activities so welds tha	cheduled to occu
thin the next 6 months that are in close proximity to a pipel olds that may be susceptible to failure if disturbed or moved ones  15. Construction - Vintage Pipe Tie-In thin the next 6 months on a pipeline joined with mechanical failure if disturbed or moved (such as acetylene welds)? (Signature of the contest of the co	ns (detail) Couplings, or CRN.DC.CONSTIN	Are construction a pistruction	couplings, or (SRN.DC.C)  NIC  ction tie-in a joined with S) (detail)  NIC	nr to a pipe CONSTVINT NA activities so welds tha NA	cheduled to occu

	SI	PAC	NIC	N A	
otes					
18. Offshore or Gulf of Mexico/Inlets (de ext 6 months offshore or in the Gulf of Mexico/inlets? (SRN.DC.CO			activities s	scheduled to	o occur within t
	SI	PAC	NIC	N A	]
Notes			ı	ı	ı
40 Combined Mouleans (data:1)	,				
<b>19. Contract Workers (detail)</b> Are contract w elated activities, and if so, which activities? (SRN.DC.CONSTCONT	<i>orkers use</i> ΓRACT.S) (α	<i>a in pertorn</i> detail)	ning constru	ction, not t	apping, and tie
•	SI	PAC	NIC	N A	1
Notes					
20. OQ Covered Task List (detail) What are					
<b>20. OQ Covered Task List (detail)</b> What are in the following construction-related projects: 1) new facility const	truction pro	ojects (inclu	ding facility	tie-in, com	missioning, and
<b>20. OQ Covered Task List (detail)</b> What are n the following construction-related projects: 1) new facility const tart-up), and 2) maintenance construction projects (projects relat	truction pro ting to facil	ojects (inclu ity replacen	ding facility ent and tes	tie-in, com sting attribu	missioning, and
<b>20. OQ Covered Task List (detail)</b> What are n the following construction-related projects: 1) new facility const tart-up), and 2) maintenance construction projects (projects relat	truction pro ting to facil	ojects (inclu ity replacen	ding facility ent and tes	tie-in, com sting attribu	missioning, and
<b>20. OQ Covered Task List (detail)</b> What are n the following construction-related projects: 1) new facility const tart-up), and 2) maintenance construction projects (projects relat	truction pro ting to facil (SRN.DC.C	ojects (inclu ity replacen CONSTOQTA	ding facility nent and tes SK.S) (deta	tie-in, com sting attribu il)	missioning, and
<b>20. OQ Covered Task List (detail)</b> What are in the following construction-related projects: 1) new facility construction, and 2) maintenance construction projects (projects relativith the operations and maintenance sections of the regulations)?	truction pro ting to facil (SRN.DC.C	ojects (inclu ity replacen CONSTOQTA	ding facility nent and tes SK.S) (deta	tie-in, com sting attribu il)	missioning, and
<b>20. OQ Covered Task List (detail)</b> What are in the following construction-related projects: 1) new facility construction, and 2) maintenance construction projects (projects relativith the operations and maintenance sections of the regulations)?	truction pro ting to facil (SRN.DC.C	ojects (inclu ity replacen CONSTOQTA	ding facility nent and tes SK.S) (deta	tie-in, com sting attribu il)	missioning, and
	truction pro ting to facil (SRN.DC.C	ojects (inclu ity replacen CONSTOQTA	ding facility nent and tes SK.S) (deta	tie-in, com sting attribu il)	missioning, and
<b>20. OQ Covered Task List (detail)</b> What are n the following construction-related projects: 1) new facility const tart-up), and 2) maintenance construction projects (projects relations)? with the operations and maintenance sections of the regulations)?	truction pro ting to facil (SRN.DC.C	ojects (inclu ity replacen CONSTOQTA	ding facility nent and tes SK.S) (deta	tie-in, com sting attribu il)	missioning, and
20. OQ Covered Task List (detail) What are n the following construction-related projects: 1) new facility const tart-up), and 2) maintenance construction projects (projects relativith the operations and maintenance sections of the regulations)?  Notes	truction pro ting to facil (SRN.DC.C SI	ojects (incluity replacent CONSTOQTA PAC	ding facility nent and tes SK.S) (deta NIC	tie-in, com sting attribu il) NA	missioning, and table to compli
20. OQ Covered Task List (detail) What are n the following construction-related projects: 1) new facility const tart-up), and 2) maintenance construction projects (projects relativith the operations and maintenance sections of the regulations)?  Notes  21. Removal from Covered Task (detail)	truction proting to facility (SRN.DC.C	pjects (incluity replacent CONSTOQTA PAC	ding facility nent and tes SK.S) (deta NIC	tie-in, com sting attribu il) NA	missioning, and table to complete to comp
20. OQ Covered Task List (detail) What are in the following construction-related projects: 1) new facility construction, and 2) maintenance construction projects (projects relativith the operations and maintenance sections of the regulations)?  Notes  21. Removal from Covered Task (detail)	truction proting to facility (SRN.DC.C)  SI  Has an OQ quired? (SR	pjects (incluity replacem CONSTOQTA PAC	ding facility nent and tes SK.S) (deta NIC	tie-in, comsting attributil)  NA  en removed VE.S) (deta	missioning, and table to complete to comp
20. OQ Covered Task List (detail) What are in the following construction-related projects: 1) new facility construction, and 2) maintenance construction projects (projects relativith the operations and maintenance sections of the regulations)?  Notes  21. Removal from Covered Task (detail)	truction proting to facility (SRN.DC.C	pjects (incluity replacent CONSTOQTA PAC	ding facility nent and tes SK.S) (deta NIC	tie-in, com sting attribu il) NA	missioning, and table to complete to comp
20. OQ Covered Task List (detail) What are n the following construction-related projects: 1) new facility construct-up), and 2) maintenance construction projects (projects relativith the operations and maintenance sections of the regulations)?  Notes  21. Removal from Covered Task (detail)	truction proting to facility (SRN.DC.C)  SI  Has an OQ quired? (SR	pjects (incluity replacem CONSTOQTA PAC	ding facility nent and tes SK.S) (deta NIC	tie-in, comsting attributil)  NA  en removed VE.S) (deta	missioning, and table to complete to comp
20. OQ Covered Task List (detail) What are n the following construction-related projects: 1) new facility const tart-up), and 2) maintenance construction projects (projects relativith the operations and maintenance sections of the regulations)?  Notes	truction proting to facility (SRN.DC.C)  SI  Has an OQ quired? (SR	pjects (incluity replacem CONSTOQTA PAC	ding facility nent and tes SK.S) (deta NIC	tie-in, comsting attributil)  NA  en removed VE.S) (deta	missioning, and table to complete to comp
20. OQ Covered Task List (detail) What are n the following construction-related projects: 1) new facility const tart-up), and 2) maintenance construction projects (projects relativith the operations and maintenance sections of the regulations)?  Notes  21. Removal from Covered Task (detail) overed task while performing the task on a construction job as red	truction proting to facility (SRN.DC.C)  SI  Has an OQ quired? (SR	pjects (incluity replacem CONSTOQTA PAC	ding facility nent and tes SK.S) (deta NIC	tie-in, comsting attributil)  NA  en removed VE.S) (deta	missioning, and table to complete to comp

## **Screening - Emergency Preparedness and Response**

	SI	PAC	NIC	NA	
tes					
1. Emergency Response (detail) Have	o situations boon	wariancad	in the next	2 waara tha	t required so
an emergency response in accordance with procedures?	(SRN.EP.EPACTIV	ATE.S) (deta	ail)	3 years tria	i required ac
	SI	PAC	NIC	NA	
otes					
2. Conduct of Drills (detail) Have drills,	including unanno	unced drills	and/or drills	outside of	normal work
ours, been conducted? (SRN.EP.EPDRILLS.S) (detail)					
	SI	PAC	NIC	NA	
lotes					
3. Revision of Emergency Procedure	e <b>s (detail)</b> Hav	e emergenc RN.EP.EPRE'	y procedure VISION.S) (	es been revi	sed in the pa
3. Revision of Emergency Procedure ars due to deficiencies identified during a drill or post-inc	e <b>s (detail)</b> Hav ident analysis? (S SI	e emergenc RN.EP.EPRE PAC	y procedure VISION.S) (	es been revi	sed in the pa
3. Revision of Emergency Procedure ars due to deficiencies identified during a drill or post-inc.	ident analysis? (S	RN.EP.EPRE	VISION.S) (	(detail)	sed in the pa
ears due to deficiencies identified during a drill or post-inc	ident analysis? (S	RN.EP.EPRE	VISION.S) (	(detail)	sed in the pa
ears due to deficiencies identified during a drill or post-inc	ident analysis? (S	RN.EP.EPRE	VISION.S) (	(detail)	sed in the pa
ears due to deficiencies identified during a drill or post-inc	ident analysis? (S	RN.EP.EPRE	VISION.S) (	(detail)	sed in the pa
3. Revision of Emergency Procedure ears due to deficiencies identified during a drill or post-inc. Notes	ident analysis? (S	RN.EP.EPRE	VISION.S) (	(detail)	sed in the pa
ears due to deficiencies identified during a drill or post-inc.  Notes	ident analysis? (S	PAC	VISION.S) (	(detail)	
ars due to deficiencies identified during a drill or post-inc.  otes  4. Revision of Emergency Response	Training (de	PAC  tail) Has ti	NIC	(detail)  NA  Cy response	e training pro
ears due to deficiencies identified during a drill or post-inc.  Iotes  4. Revision of Emergency Response ten revised in the past 3 years due to deficiencies identifie	Training (de	PAC  tail) Has ti	NIC	(detail)  NA  Cy response	e training pro
A. Revision of Emergency Response ten revised in the past 3 years due to deficiencies identified during a drill or post-inc.	Training (de	PAC  tail) Has ti	NIC	(detail)  NA  Cy response	e training pro
ears due to deficiencies identified during a drill or post-inc	Training (de	PAC  tail) Has the post-incide	NIC NIC	cy response	e training pro

## **Screening - Facilities and Storage**

	•	ibilioudic St	illillaly (Sr		MARY.S) (detail)
	SI	PAC	NIC	NA	
otes					
1. Compressor Station Design (detail)	Are the Compi	ressor statio	ns on this s	ystem a sta	andard design?
RN.FS.CMPDESIGN.S) (detail)	SI	PAC	NIC	N A	1
	31	PAC	NIC	NA	
otes					ı
2. Compressor Stations Construction G nificantly modified or constructed within the last 5 years? (SI	<b>eneral (de</b> RN.FS.CMPINS	<b>etail)</b> <i>Have</i> SPECT.S) (de	e <i>any compr</i> etail)	essor statio	ons been
	SI	PAC	NIC	NA	
otes					
3. Vault Maintenance (detail) Are there any	vaults that h	ave a volum	netric intern	al content o	of 200 cubic feet
66 cubic meters) or more within the confines of a compresso	r station? (SR	N.FS.VAULT	.S) (detail)		1
66 cubic meters) or more within the confines of a compresso	r station? (SR <b>SI</b>	PAC	NIC	N A	
		1		NA	
		1		NA	
		1		N A	
		1		NA	
	SI	PAC	NIC		.S) (detail)
otes	SI	PAC	NIC		.S) (detail)
otes	SI corage fields o	PAC	NIC	RAGEFIELD	S) (detail)
otes  4. Gas Storage field (detail) Are any gas st	SI corage fields o	PAC	NIC	RAGEFIELD	S) (detail)
otes  4. Gas Storage field (detail) Are any gas stores	SI corage fields o	PAC	NIC	RAGEFIELD	S) (detail)

	SI	PAC	NIC	NA	
		1 // 0		1171	
tes					
tes					
6. Compressor Stations Construction -					
supply gas directly to a distribution system that has no othe structed within the last 5 years? (SRN.FS.CMPSTATIONDIST	er auequate s .S) (detail)	ources or ga	is available	been signii	icantiy inodined
	SI	PAC	NIC	NA	
tes					
les					
7. Compressor Stations Construction -	Platform	(detail) $+$	lave anv co	mpressor st	ations that are
forms located offshore or in inland navigable waters and tha					
N.FS.CMPPLATFORM.S) (detail)					1
	SI	PAC	NIC	NA	
tes					
reening - Integrity Manageme	nt				
creening - Integrity Manageme	nt				
		ubmodule Si	ummary (SI	RN.IM.SUMI	MARY.S) (detail
creening - Integrity Manageme 0. SRN.IM Submodule Summary Result	(detail) s				MARY.S) (detail
		ubmodule S	ummary (SI	RN.IM.SUMI	MARY.S) (detail
0. SRN.IM Submodule Summary Result	(detail) s				MARY.S) (detail
0. SRN.IM Submodule Summary Result	(detail) s				MARY.S) (detail
0. SRN.IM Submodule Summary Result	(detail) s				MARY.S) (detail
0. SRN.IM Submodule Summary Result	(detail) s				MARY.S) (detail
0. SRN.IM Submodule Summary Result	(detail) s				MARY.S) (detail
otes	(detail) S	PAC	NIC	NA	
0. SRN.IM Submodule Summary Result  otes  1. IM High Consequence Areas - HCAs (	(detail) S	PAC	NIC	NA	
O. SRN.IM Submodule Summary Result  otes  1. IM High Consequence Areas - HCAs ( RN.IM.HCAPRESENT.S) (detail)	(detail) S SI (detail) Is	PAC	NIC	NA As in the sys	
O. SRN.IM Submodule Summary Result  otes  1. IM High Consequence Areas - HCAs (	(detail) S	PAC	NIC	NA	
0. SRN.IM Submodule Summary Result otes  1. IM High Consequence Areas - HCAs (CN.IM.HCAPRESENT.S) (detail) 2.905(c)	(detail) S SI (detail) Is	PAC	NIC	NA As in the sys	
0. SRN.IM Submodule Summary Result otes  1. IM High Consequence Areas - HCAs (CN.IM.HCAPRESENT.S) (detail)	(detail) S SI (detail) Is	PAC	NIC	NA As in the sys	

92.905(c)	SI	PAC	NIC	NA	
otes					
3. IM High Consequence Areas - Identific §192.903 High Consequence Area definition for the identification					ethod 2 of
92.903(1)(i) (192.903(1)(ii); 192.903(1)(iii); 192.903(1)(iv))	SI	PAC	NIC	N A	
Notes					
4. Risk Analysis - Comprehensiveness of A	Annroac	h (detail	<b>)</b> Describe	the most signit	ficant
nodifications that have been made to the IM processes to identify regment in the last 3 years. (SRN.IM.RAMOD.S) (detail)					
.92.917(a) (192.917(e)(2); ASME B31.8S-2004, Section 2.2 and	SI	PAC	NIC	N A	
Section 5.10)		I AC	N I C	II A	
Notes			ı	<u> </u>	
5. IM Baseline Assessments - Prioritized					
RAP schedule for completing the assessment activities for all cover	red segmer SI	PAC	t? (SRN.IM. NIC	BAPSCHEDULE N A	.S) (detai
		IAC	WIC	IVA	
Notes				1	
		he the most	significant .	actions implem	ented to :
6 TMP Periodic Evaluation Actions (deta	il) Describ				
			valuation fo	r a specific cov	
he threats identified and the risk represented by these threats as			valuation fo	N A	
<b>6. IMP Periodic Evaluation Actions (deta</b> he threats identified and the risk represented by these threats as SRN.IM.PERIODICEVALMOC.S) (detail)	a result of	a periodic e			

	SI	PAC	NIC	NA	
otes					
8. P&M Measures - Threat Specific Consi	deration	s and Ac	tions (de	etail) Desc	cribe the most
gnificant preventive and mitigative measures that have been imp nmage, outside force damage, or corrosion as required by the pr					due to third p
image, outside force damage, or corrosion as required by the pr	SI	PAC	NIC	N A	
	31	FAC	NIC	NA	
otes					
otes					
O Poufousson Management (data:1) w//	, ,	,			
<b>9. Performance Measures (detail)</b> What ha easures, and what significant changes have been made to the Il					
e last 3 years? (SRN.IM.PERFMEASURE.S) (detail)					
	SI	PAC	NIC	NA	
lotes					
otes					
lotes					
lotes					
10. Management of Change (MOC) (detail					
10. Management of Change (MOC) (detail applemented and moved through the Management of Change (MCC)					
10. Management of Change (MOC) (detail applemented and moved through the Management of Change (MCC)	C) processe	es for risk m	nanagement	applications	
10. Management of Change (MOC) (detail applemented and moved through the Management of Change (MCC)					
10. Management of Change (MOC) (detail applemented and moved through the Management of Change (MC ears. (SRN.IM.MOC.S) (detail)	C) processe	es for risk m	nanagement	applications	
10. Management of Change (MOC) (detail applemented and moved through the Management of Change (MC ears. (SRN.IM.MOC.S) (detail)	C) processe	es for risk m	nanagement	applications	
10. Management of Change (MOC) (detail applemented and moved through the Management of Change (MC ears. (SRN.IM.MOC.S) (detail)	C) processe	es for risk m	nanagement	applications	
10. Management of Change (MOC) (detail applemented and moved through the Management of Change (MC chars. (SRN.IM.MOC.S) (detail)	C) processe	es for risk m	nanagement	applications	
10. Management of Change (MOC) (detail applemented and moved through the Management of Change (MC ears. (SRN.IM.MOC.S) (detail)	SI	PAC	NIC	N A	s in the last 3
10. Management of Change (MOC) (detail applemented and moved through the Management of Change (MC ears. (SRN.IM.MOC.S) (detail)  lotes  11. Exceptional Performance (detail) Is the	SI  Description  SI  De	PAC  Viating from	NIC  certain req	N A	s in the last 3
10. Management of Change (MOC) (detail applemented and moved through the Management of Change (MChars. (SRN.IM.MOC.S) (detail)	SI  Description  SI  De	PAC  Viating from	NIC  certain req	N A	s in the last 3
10. Management of Change (MOC) (detail applemented and moved through the Management of Change (MChars. (SRN.IM.MOC.S) (detail)  Notes  11. Exceptional Performance (detail) Is thing a performance-based approach that satisfies the requirement	SI  Description  SI  De	PAC  Viating from	NIC  certain req	N A	s in the last 3
10. Management of Change (MOC) (detail plemented and moved through the Management of Change (MC ars. (SRN.IM.MOC.S) (detail)  otes  11. Exceptional Performance (detail) Is the ling a performance-based approach that satisfies the requirement RN.IM.EXCPERFORM.S) (detail)	SI  Description of the series	PAC  Viating from ptional performance of the perfor	NIC  certain req	NA  NA  uirements of defined in a	s in the last 3
10. Management of Change (MOC) (detail plemented and moved through the Management of Change (MC ars. (SRN.IM.MOC.S) (detail)  otes  11. Exceptional Performance (detail) Is the ling a performance-based approach that satisfies the requirement RN.IM.EXCPERFORM.S) (detail)	SI  Description of the series	PAC  Viating from ptional performance of the perfor	NIC  certain req	NA  NA  uirements of defined in a	s in the last 3

## **Screening - Maintenance and Operations**

1. Abnormal Operation (detail) Describe the procests. (SRN.MO.ABPROCESS.S) (detail)	ess for re	responding PAC	to and lear	ning from al	onormal opera
1. Abnormal Operation (detail) Describe the proceeds. (SRN.MO.ABPROCESS.S) (detail)					onormal opera
nts. (SRN.MO.ABPROCESS.S) (detail)					onormal opera
nts. (SRN.MO.ABPROCESS.S) (detail)					onormal opera
nts. (SRN.MO.ABPROCESS.S) (detail)					onormal opera
nts. (SRN.MO.ABPROCESS.S) (detail)					onormal opera
nts. (SRN.MO.ABPROCESS.S) (detail)					•
	SI	PAC	NIC	NA	
tes					
tes					
2. Odorization (detail) Are any portions of the pipelin	e systen	n(s) odoriz	ed? (SRN.N	40.ODORIZE	S.S) (detail)
	SI	PAC	NIC	NA	-, (,
	-				
tes					
3. Class Location (detail) Has there been a class lo	ocation c	change occ	rur in the pa	ast 3 years t	hat required a
y and the subsequent confirmation or revision of the pipeline segm					
	SI	PAC	NIC	NA	
tes					
		there any s	segment-sp	ecific MAOP	protection cor
4. Segment-Specific MAOP Protection (deta	i <b>l)</b> Are t	•			
ace? (SRN.MO.MAOPSEGPROTECT.S) (detail)					
ace? (SRN.MO.MAOPSEGPROTECT.S) (detail)	il) Are t	PAC	NIC	NA	
ace? (SRN.MO.MAOPSEGPROTECT.S) (detail)			NIC	NA	
ace? (SRN.MO.MAOPSEGPROTECT.S) (detail)			NIC	NA	

f pipeline that are operating under the alternate maximum allov		ng pressure	IIIIIIIIIIIIII		
	SI	PAC	NIC	NA	
otes					
		_ •			
creening - Multi-Module Screeni	ng Que	estion			
0. SRN.MULTI Submodule Summary Res	sult (deta	il) Submod	dule Summa	ary (SRN.MI	JLTI.SUMMARY.S
ecan)	SI	PAC	NIC	NA	
otes					
1. Program Oversight (detail) Who is response.  RN.MULTI.RESPONSIBLE.S) (detail)	onsible for th	e following	orograms? (	see Consid	erations)
, (,	SI	PAC	NIC	N A	1
				117	
				IVA	
otes				NA	
otes					
2. Records Location (detail) Where are the	records kep	t for: (see C	onsideration		
2. Records Location (detail) Where are the	records kep	t for: (see C	onsideration NIC		
<b>2. Records Location (detail)</b> Where are the RN.MULTI.RECORDLOCATE.S) (detail)			1	ns)	
<b>2. Records Location (detail)</b> Where are the RN.MULTI.RECORDLOCATE.S) (detail)			1	ns)	
<b>2. Records Location (detail)</b> Where are the RN.MULTI.RECORDLOCATE.S) (detail)			1	ns)	
<b>2. Records Location (detail)</b> Where are the RN.MULTI.RECORDLOCATE.S) (detail)			1	ns)	
otes  3. Tracking of "Near Misses" (detail)	SI	PAC	NIC	ns) NA	ar misses" define
2. Records Location (detail) Where are the RN.MULTI.RECORDLOCATE.S) (detail)  otes  3. Tracking of "Near Misses" (detail) Are	SI	PAC	NIC	ns) NA	ar misses" defined
2. Records Location (detail) Where are the RN.MULTI.RECORDLOCATE.S) (detail) otes	SI e "near misse	PAC  es" tracked,	NIC	ns)  NA  ow are "nea	ar misses" defined
2. Records Location (detail) Where are the RN.MULTI.RECORDLOCATE.S) (detail)  otes  3. Tracking of "Near Misses" (detail) Are	SI e "near misse	PAC  es" tracked,	NIC	ns)  NA  ow are "nea	ar misses" defined

	SI	PAC	NIC	NA	
tes					
5. Aerial Images (detail) How often is new a	erial photogi	raphy/videog	graphy take	n and who	analyzes
ata? (SRN.MULTI.AERIALIMAGE.S) (detail)		T	T .	I	1
	SI	PAC	NIC	NA	
otes					
6. IM Procedure Manual (detail) Describe	the most sig	nificant cha	nges to the	IMP proces	ses and p
nce the last IMP or II IMP-related inspection. (SRN.MULTI.IMPL	ANMOD.S) (	detail)			
(	, · ·				1
(	SI	PAC	NIC	NA	
		PAC	NIC	N A	
		PAC	NIC	N A	
		PAC	NIC	NA	
Notes		PAC	NIC	N A	
		PAC	NIC	N A	
Notes  7. O&M Procedure Manual Modifications	SI (detail)	Has the ma	anual of writ	ten procedi	ures been
Notes	s (detail)	Has the ma TI.OMPLANN	anual of writ	ten procedo	ures been
7. O&M Procedure Manual Modifications	SI (detail)	Has the ma	anual of writ	ten procedi	ures been
7. O&M Procedure Manual Modifications gnificantly modified since the last PHMSA Team O&M inspection	s (detail)	Has the ma TI.OMPLANN	anual of writ	ten procedo	ures been
T. O&M Procedure Manual Modifications gnificantly modified since the last PHMSA Team O&M inspection	s (detail)	Has the ma TI.OMPLANN	anual of writ	ten procedo	ures been
Notes  7. O&M Procedure Manual Modifications gnificantly modified since the last PHMSA Team O&M inspection	s (detail)	Has the ma TI.OMPLANN	anual of writ	ten procedo	ures been
Notes  7. O&M Procedure Manual Modifications	s (detail)	Has the ma TI.OMPLANN	anual of writ	ten procedo	ures been
Notes  7. O&M Procedure Manual Modifications  Ignificantly modified since the last PHMSA Team O&M inspection	s (detail)	Has the ma TI.OMPLANN	anual of writ	ten procedo	ures been
Notes  7. O&M Procedure Manual Modifications  Ignificantly modified since the last PHMSA Team O&M inspection	SI  (detail) (SRN.MUL	Has the ma	anual of writ MOD.S) (det NIC	ten procedo	
7. O&M Procedure Manual Modifications gnificantly modified since the last PHMSA Team O&M inspection	SI  (detail) (SRN.MUL	Has the ma	anual of writ MOD.S) (det NIC	ten procedo	
7. O&M Procedure Manual Modifications gnificantly modified since the last PHMSA Team O&M inspection	SI  (detail) (SRN.MUL  SI	Has the ma TI.OMPLANN PAC	anual of writ MOD.S) (det NIC	ten procedo ail) NA	
7. O&M Procedure Manual Modifications gnificantly modified since the last PHMSA Team O&M inspection	SI  (detail) (SRN.MUL  SI	Has the ma TI.OMPLANN PAC	anual of writ MOD.S) (det NIC	ten procedo ail) NA	
7. O&M Procedure Manual Modifications  Ignificantly modified since the last PHMSA Team O&M inspection  Notes  8. Idle Pipelines (detail) Are any pipelines cu	SI  (detail) (SRN.MUL  SI	Has the ma TI.OMPLANN PAC	anual of writ MOD.S) (det NIC	ten procedo ail) NA	

	SI	PAC	NIC	NA	
tes					
10. O&M Management of Change ( RN.MULTI.OMMOC.S) (detail)	detail) How are s	ystemic ma	intenance a	nd operatio	ons changes
(detail)	SI	PAC	NIC	NA	1
otes				1	
11. Conversion to Service (detail)	Have any pipeline s	segments be	en converte	ed to servic	ce within the
ears? (SRN.MULTI.CONVERSION.S) (detail)				1	7
	SI	PAC	NIC	NA	
lotes					
12 Safety Pelated Condition Pency	rts (detail) Disse	ussion of SI	OCDG (SDN	MIII TI CDO	CD S) (dotail
12. Safety Related Condition Repor					CR.S) (detail
12. Safety Related Condition Repor	rts (detail) Disc	ussion of SR	CCRs. (SRN.	MULTI.SRC	CR.S) (detail
					CR.S) (detail
					CR.S) (detail
					CR.S) (detail
					CR.S) (detail
Notes	SI	PAC	NIC	NA	
	SI Sion of Annual Report	PAC	NIC	NA REPORT.S)	
Notes	SI	PAC	NIC	NA	
Notes  13. Annual Reports (detail) Discussi	SI Sion of Annual Report	PAC	NIC	NA REPORT.S)	
Notes	SI Sion of Annual Report	PAC	NIC	NA REPORT.S)	

	SI	PAC	NIC	NA
	·			ı
15. Class 3 and 4 Locations (detail	<b>il)</b> Are any portions	of the syster	n(s) in Clas	s 3 or Cla
MULTI.CLASS34.S) (detail)	SI	PAC	NIC	NA
	31	PAC	NIC	NA
16. Repairs (detail) Discussion of Anon	naly repairs. (SRN.MI	JLTI.REPAIR	.S) (detail)	
16. Repairs (detail) Discussion of Anon	naly repairs. (SRN.MI	JLTI.REPAIR	.S) (detail)	N A
16. Repairs (detail) Discussion of Anon		1	T	NA
16. Repairs (detail) Discussion of Anon		1	T	NA
16. Repairs (detail) Discussion of Anon		1	T	NA
		1	T	N A
		1	T	NA
es 17. Special Permits or Waivers (d	SI	PAC	NIC	
s 17. Special Permits or Waivers (d	etail) Does the op	PAC erator have	NIC	s or specia
17. Special Permits or Waivers (d	SI	PAC	NIC	
17. Special Permits or Waivers (d	etail) Does the op	PAC erator have	NIC	s or specia
17. Special Permits or Waivers (d	etail) Does the op	PAC erator have	NIC	s or specia
17. Special Permits or Waivers (d	etail) Does the op	PAC erator have	NIC	s or specia
17. Special Permits or Waivers (d	etail) Does the op	PAC erator have	NIC	s or specia
17. Special Permits or Waivers (d	etail) Does the op	erator have	NIC	s or special
17. Special Permits or Waivers (detail)  18. New Facilities or Components	SI   etail) Does the op  SI  S (detail) Have a	erator have PAC	NIC	s or special
17. Special Permits or Waivers (d MULTI.SPWAIVER.S) (detail)	SI   etail) Does the op  SI  S (detail) Have a	erator have PAC	NIC	s or special

	SI	PAC	NIC	NA	
tes					
20. CR Simulator (detail) Is a sim	ulator used to perform	control cent	er training?	(SRN.MULT	I.SIMULAT
etail)					1
	SI	PAC	NIC	NA	
otes					
21 Excilition (detail) pressure of			(001) 14111	TI 54611 IT	
	Discotting Fourthbloom with the				TEC C) (1-1-
21. I delittles (detail) Discussion of	Pipeline Facilities within	T .	T		IES.S) (deta
21. I definites (detail) Discussion of	Pipeline Facilities within	PAC	NIC	N A	IES.S) (deta
		T .	T		(IES.S) (deta
· ·		T .	T		IES.S) (deta
		T .	T		(deta
		T .	T		IES.S) (det
otes	SI	PAC	NIC	NA	
otes  22. Vaults (detail) Are there any vau.	SI	PAC	NIC	NA	
otes  22. Vaults (detail) Are there any vau	SI  Its that have a volumet	PAC	NIC	NA	
otes  22. Vaults (detail) Are there any vau.	SI	PAC	NIC	NA	
22. Vaults (detail) Are there any vaulters) or more? (SRN.MULTI.VAULT.S) (detail)	SI  Its that have a volumet	PAC	NIC	NA	
22. Vaults (detail) Are there any vaulters) or more? (SRN.MULTI.VAULT.S) (detail)	SI  Its that have a volumet	PAC	NIC	NA	
22. Vaults (detail) Are there any vaulters) or more? (SRN.MULTI.VAULT.S) (detail)	SI  Its that have a volumet	PAC	NIC	NA	
22. Vaults (detail) Are there any vaulters) or more? (SRN.MULTI.VAULT.S) (detail)	SI  Its that have a volumet	PAC	NIC	NA	
22. Vaults (detail) Are there any vauleters) or more? (SRN.MULTI.VAULT.S) (detail)	Its that have a volumet	PAC	ontent of 2	NA  OO cubic fee	
22. Vaults (detail) Are there any vauleters) or more? (SRN.MULTI.VAULT.S) (detail)	Its that have a volumet  SI  ion of Enforcement (SRI	PAC  PAC	NIC  content of 20  NIC	NA  Oubic fee  NA  .S) (detail)	
22. Vaults (detail) Are there any vauleters) or more? (SRN.MULTI.VAULT.S) (detail)  otes	Its that have a volumet	PAC	ontent of 2	NA  OO cubic fee	
22. Vaults (detail) Are there any vauleters) or more? (SRN.MULTI.VAULT.S) (detail)  otes  23. Enforcement (detail) Discussion	Its that have a volumet  SI  ion of Enforcement (SRI	PAC  PAC	NIC  content of 20  NIC	NA  Oubic fee  NA  .S) (detail)	
22. Vaults (detail) Are there any vauleters) or more? (SRN.MULTI.VAULT.S) (detail)  otes	Its that have a volumet  SI  ion of Enforcement (SRI	PAC  PAC	NIC  content of 20  NIC	NA  Oubic fee  NA  .S) (detail)	

26. Post-Accident Revisions (detail) Have any procedures been revaring a post-accident analysis? (SRN.MULTI.POSTACCIDENTMOC.S) (detail)  SI PAC  Notes  27. Welders (detail) Does the operator have in-house/company welders or SRN.MULTI.WELDERS.S) (detail)  SI PAC		SI	PAC	NIC	NA	
25. Grandfathered Facilities (detail) Are there any facilities grandfaturirements? (SRN.MULTI.GRANDFATHER.S) (detail)  SI PAC  Detes  26. Post-Accident Revisions (detail) Have any procedures been reving a post-accident analysis? (SRN.MULTI.POSTACCIDENTMOC.S) (detail)  SI PAC  PAC  SI PAC  SI PAC  Detes  27. Welders (detail) Does the operator have in-house/company welders or RN.MULTI.WELDERS.S) (detail)  SI PAC  28. IM Plan Management and Implementation (detail) Is therefillities? (SRN.MULTI.IMPLAN.S) (detail)						
The state of the s	otes					
Quirements? (SRN.MULTI.GRANDFATHER.S) (detail)  SI PAC  26. Post-Accident Revisions (detail) Have any procedures been reviring a post-accident analysis? (SRN.MULTI.POSTACCIDENTMOC.S) (detail)  SI PAC  Ootes  27. Welders (detail) Does the operator have in-house/company welders or RN.MULTI.WELDERS.S) (detail)  SI PAC  SI PAC  SI PAC  SI PAC  SI PAC  SI PAC  Contest PAC  Ootes  28. IM Plan Management and Implementation (detail) Is therefolities? (SRN.MULTI.IMPLAN.S) (detail)						
Rotes  26. Post-Accident Revisions (detail) Have any procedures been revuring a post-accident analysis? (SRN.MULTI.POSTACCIDENTMOC.S) (detail)  SI PAC  SI PAC  SI PAC  SI PAC  SI PAC  Notes  27. Welders (detail) Does the operator have in-house/company welders or SRN.MULTI.WELDERS.S) (detail)  SI PAC  Notes						
Notes  26. Post-Accident Revisions (detail) Have any procedures been reviating a post-accident analysis? (SRN.MULTI.POSTACCIDENTMOC.S) (detail)  SI PAC  Notes  27. Welders (detail) Does the operator have in-house/company welders or SRN.MULTI.WELDERS.S) (detail)  SI PAC  Notes  28. IM Plan Management and Implementation (detail) Is therefacilities? (SRN.MULTI.IMPLAN.S) (detail)	25. Grandfathered Facilities (detail)	Are there any fa	acilities gran	dfathered u	nder various	s code
26. Post-Accident Revisions (detail) Have any procedures been reviating a post-accident analysis? (SRN.MULTI.POSTACCIDENTMOC.S) (detail)  SI PAC  Notes  27. Welders (detail) Does the operator have in-house/company welders or SRN.MULTI.WELDERS.S) (detail)  SI PAC  Notes  28. IM Plan Management and Implementation (detail) Is therefacilities? (SRN.MULTI.IMPLAN.S) (detail)	equirements? (SRN.MULTI.GRANDFATHER.S) (detail)	ST	PAC	NIC	N A	
26. Post-Accident Revisions (detail) Have any procedures been revuring a post-accident analysis? (SRN.MULTI.POSTACCIDENTMOC.S) (detail)  SI PAC  Notes  27. Welders (detail) Does the operator have in-house/company welders or SRN.MULTI.WELDERS.S) (detail)  SI PAC  SRN.MULTI.WELDERS.S) (detail)  SI PAC  Notes  28. IM Plan Management and Implementation (detail) Is therefacilities? (SRN.MULTI.IMPLAN.S) (detail)		31	FAC	NIC	NA	
Notes  27. Welders (detail) Does the operator have in-house/company welders or SRN.MULTI.WELDERS.S) (detail)  SI PAC  SI PAC  Notes  27. Welders (detail) Does the operator have in-house/company welders or SRN.MULTI.WELDERS.S) (detail)  SI PAC  Notes  28. IM Plan Management and Implementation (detail) Is thereficilities? (SRN.MULTI.IMPLAN.S) (detail)	Notes					
Notes  27. Welders (detail) Does the operator have in-house/company welders or SRN.MULTI.WELDERS.S) (detail)  SI PAC  SRN.MULTI.WELDERS.S) (detail)  SI PAC  SRN.MULTI.WELDERS.S) (detail)  SI PAC  SI PAC  SI PAC  Notes						
Notes  27. Welders (detail) Does the operator have in-house/company welders or SRN.MULTI.WELDERS.S) (detail)  SI PAC  SRN.MULTI.WELDERS.S) (detail)  SI PAC  SRN.MULTI.WELDERS.S) (detail)  SI PAC  SI PAC  SI PAC  Notes						
Notes  27. Welders (detail) Does the operator have in-house/company welders or SRN.MULTI.WELDERS.S) (detail)  SI PAC  SI PAC  Notes  27. Welders (detail) Does the operator have in-house/company welders or SRN.MULTI.WELDERS.S) (detail)  SI PAC  Notes  28. IM Plan Management and Implementation (detail) Is thereficilities? (SRN.MULTI.IMPLAN.S) (detail)						
Notes  27. Welders (detail) Does the operator have in-house/company welders or SRN.MULTI.WELDERS.S) (detail)  SI PAC  Notes  28. IM Plan Management and Implementation (detail) Is there actilities? (SRN.MULTI.IMPLAN.S) (detail)	<b>26. Post-Accident Revisions (detail)</b> uring a post-accident analysis? (SRN.MULTI.POSTACCIDENT	Have any proce	edures been	revised due	to deficiend	cies identific
27. Welders (detail) Does the operator have in-house/company welders or SRN.MULTI.WELDERS.S) (detail)  SI PAC  Notes  28. IM Plan Management and Implementation (detail) Is there acilities? (SRN.MULTI.IMPLAN.S) (detail)	, ,			NIC	NA	
27. Welders (detail) Does the operator have in-house/company welders or SRN.MULTI.WELDERS.S) (detail)  SI PAC  Notes  28. IM Plan Management and Implementation (detail) Is there acilities? (SRN.MULTI.IMPLAN.S) (detail)						
SRN.MULTI.WELDERS.S) (detail)  SI PAC  Notes  28. IM Plan Management and Implementation (detail) Is there acilities? (SRN.MULTI.IMPLAN.S) (detail)						
SRN.MULTI.WELDERS.S) (detail)  SI PAC  Notes  28. IM Plan Management and Implementation (detail) Is there acilities? (SRN.MULTI.IMPLAN.S) (detail)	Notes					
SRN.MULTI.WELDERS.S) (detail)  SI PAC  Notes  28. IM Plan Management and Implementation (detail) Is there acilities? (SRN.MULTI.IMPLAN.S) (detail)	Notes					
SRN.MULTI.WELDERS.S) (detail)  SI PAC  Notes  28. IM Plan Management and Implementation (detail) Is there acilities? (SRN.MULTI.IMPLAN.S) (detail)	Notes					
Notes  28. IM Plan Management and Implementation (detail) Is there acilities? (SRN.MULTI.IMPLAN.S) (detail)		e in-house/com	nany welder	s or are con	tractor wold	ars usad?
28. IM Plan Management and Implementation (detail) Is ther acilities? (SRN.MULTI.IMPLAN.S) (detail)	27. Welders (detail) Does the operator have	e in-house/comį	pany welders	s or are con	tractor weld	ers used?
28. IM Plan Management and Implementation (detail) Is then acilities? (SRN.MULTI.IMPLAN.S) (detail)	27. Welders (detail) Does the operator have			s or are con	tractor weld	ers used?
acilities? (SRN.MULTI.IMPLAN.S) (detail)	<b>27. Welders (detail)</b> Does the operator have SRN.MULTI.WELDERS.S) (detail)					ers used?
acilities? (SRN.MULTI.IMPLAN.S) (detail)	<b>27. Welders (detail)</b> Does the operator have SRN.MULTI.WELDERS.S) (detail)					ers used?
acilities? (SRN.MULTI.IMPLAN.S) (detail)	<b>27. Welders (detail)</b> Does the operator have SRN.MULTI.WELDERS.S) (detail)					ers used?
acilities? (SRN.MULTI.IMPLAN.S) (detail)	27. Welders (detail) Does the operator have SRN.MULTI.WELDERS.S) (detail)  Notes					ers used?
SI PAC	27. Welders (detail) Does the operator have SRN.MULTI.WELDERS.S) (detail)  Notes	SI	PAC	NIC	NA	
	27. Welders (detail) Does the operator have SRN.MULTI.WELDERS.S) (detail)  Notes  28. IM Plan Management and Implem	SI	PAC	NIC	NA	
	27. Welders (detail) Does the operator have SRN.MULTI.WELDERS.S) (detail)  Notes  28. IM Plan Management and Implem	si nentation (d	PAC	NIC	NA	
	27. Welders (detail) Does the operator have MULTI.WELDERS.S) (detail)	si nentation (d	PAC	NIC	<b>NA</b> le IM Plan ar	

	SI	PAC	NIC	N A	
otes					
30. Alternative MAOP (detail) Are a	any pipelines operatir	ng under the	alternative	MAOP reg	ulation?
SRN.MULTI.AMAOP.S) (detail)	SI	PAC	NIC	NA	1
	31	PAC	NIC	I NA	
lotes					
iotes					
<b>31. Re-Coating Projects (detail)</b> A. ext 6 months? (SRN.MULTI.RECOAT.S) (detail)	re any pipeline re-co	ating project	t activities s	cheduled to	o occur within ti
ext o monars. (SixtinoErrineesixins) (detail)	SI	PAC	NIC	N A	
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8. Damage Prevention Program - Follow	Up (det	ail) Do vou	ı have a pro	aram to tr	ack and follow i
h Third Party offenders? (SRN.PD.TPDFOLLOWUP.S) (detail)	op (	<b>,</b> 20 ,00		<i>g. a</i> co c	_
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Q DOW Inspection Possitionants (data:	1 4== 004	/ activiti	222222	contro	or by 22
9. ROW Inspection Requirements (detail rsonnel? (SRN.PD.ROWCONTRACT.S) (detail)	<b>)</b> Are ROW	activities m	iariayea by	contractors	s or by compan
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	pack (de	tail) How	are excavat	ion related	events analyze
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10. Excavation Event Analysis and Feedle and the findings incorporated back into the Public Awareness and I	Damage Pro	evention pro	ograms? (SR	RN.PD.PADI	
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10. Excavation Event Analysis and Feedle d the findings incorporated back into the Public Awareness and I	Damage Pro	evention pro	ograms? (SR	RN.PD.PADI	
<b>10. Excavation Event Analysis and Feedb</b> and the findings incorporated back into the Public Awareness and I  betail)	Damage Pro	evention pro	ograms? (SR	RN.PD.PADI	
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	SI	PAC	NIC	NA
2. Corrosion Control Monitoring (det	ail) Are any Co	errosion Con	trol activitie	s haina na
pection? (SRN.TD.CORROSIONCNTRL.S) (detail)	Are any ee			s being pe
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3. Cathodic Protection Current Source N.TD.CPCURRENT.S) (detail)	es (detail) M	rnat types o	r current so	urces are t
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4. Cathodic Protection (detail) Does the RN.TD.CPCRITERIA.S) (detail)	e operator utilize	a single crit	eria for all	of their pip
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		otail\ 4ra	there any s	eparately
5. Cathodic Protection Monitoring Im	practical (d	etaii) Ale		
5. Cathodic Protection Monitoring Im tions of mains or transmission line, not in excess of 100 fo nths is impractical? (SRN.TD.CPSEPARATE.S) (detail)	practical (d eet for which mo	nitoring CP	once each c	aieriuai ye
ions of mains or transmission line, not in excess of 100 fe	practical (d eet for which mo	PAC	nce each c	N A
ions of mains or transmission line, not in excess of 100 fe	eet for which mo	nitoring CP	ı	

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8. Internal Cori	rosion (detail) Discussion	of Internal Cor	rosion Conti	roi Program	(SRN.ID.I
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9. Stress Corrosi	ion Cracking (detail) Di	scussion of SCO	C Program (S	SRN.TD.SC	C.S) (detail
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12. Cast Iron and Ductile Iron (deta SRN.TD.CASTDUCTILE.S) (detail)	ail) Are there any	cast iron	or ductile iroi	n pipelines?		
on miles of the original of th	SI	PAC	NIC	NA		
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13. Cathodic Protection Projects (de	etail) Have you	completed	any projects	related to d	corrosion c	ontrol in
he past 3 years? (SRN.TD.CPPROJECT.S) (detail)	SI	PAC	NIC	N A	1	
		i AC		IVA	-	
Notes						
Time-Dependent Threats - Alte	ernative N	1AOP				
1. Alternative MAOP - Internal Corro	osion (detail)	Is there a	a process for o	controlling i	nternal coi	rosion o
ipelines that may operate under the Alternative Maximum	Operating Pressu	re rule? (T	D.AMP.AMAO	P.P) (detail	)	
92.605(b)(2) (192.620(d)(5))	Sat+	Sat	Concern	Unsat	NA	NC
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2. Alternative MAOP - Internal Corro process for controlling internal corrosion on pipelines they i						llowina a
mocess for controlling internal corrosion on pipelines they i	may operate unue	r tne Aiter	native Maxim	um Operati	'ng Pressui	
orocess for controlling internal corrosion on pipelines they in (TD.AMP.AMAOP.R) (detail) 192.709(c) (192.620(d)(5))	Sat+	r tne Alter Sat	Concern	·	ng Pressui NA	

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4. Alternative MAOP - Interference xisting pipeline segment at an alternate maximum allow	able operating pres	sure, or w	ithin six mont	hs after pla	cing a nev	v pipeli.
egment in service at an alternate maximum allowable op urrents on the pipeline segment? (TD.AMP.AMAOPINTFR			structions for	addressing	any interf	erence
92.605(b)(2) (192.620(d)(6))	Sat+	Sat	Concern	Unsat	NA	N C
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5. Alternative MAOP - Interference						
o operating an existing pipeline segment at an alternate	maximum allowable	e operatin	g pressure, or	within six r	nonths aft	ter plac
o operating an existing pipeline segment at an alternate new pipeline segment in service at an alternate maximo	maximum allowabl um allowable opera	e operatin ting press	g pressure, or ure) have beei	within six r	nonths aft	ter plac
o operating an existing pipeline segment at an alternate new pipeline segment in service at an alternate maximo terference currents on the pipeline segment? (TD.AMP.)	maximum allowabl um allowable opera	e operatin ting press	g pressure, or ure) have beei	within six r	nonths aft	ter plac sing an
o operating an existing pipeline segment at an alternate new pipeline segment in service at an alternate maximo terference currents on the pipeline segment? (TD.AMP.)	maximum allowabl um allowable opera AMAOPINTFRCURRE	e operatin ting press ENT.R) (de	g pressure, or ure) have been tail)	within six r n adequate	nonths aft in address	ter plac
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o operating an existing pipeline segment at an alternate new pipeline segment in service at an alternate maximus interference currents on the pipeline segment? (TD.AMP., 92.709(c) (192.620(d)(6))  Notes  6. Alternative MAOP - Indirect Me placing the cathodic protection of a new pipeline segment ander Part 192 has been certified under the Alternative Me produced material survey, and the interpret method such as close-interval survey, and the interpret indirect method such as close-interval survey, and the interpret indirect method such as close-interval survey, and the interpret in the content of the content in the interpret in the content in t	maximum allowable um allowable opera AMAOPINTFRCURRE  Sat+  thod (detail) If the in operation, or will daximum Operating tegrity of the coatin	e operating press ENT.R) (de Sat  Does the p thin six m Pressure g using di	g pressure, or ure) have been tail)  Concern  rocess require onths after an rule, that adec	within six range and adequate  Unsat  that within existing piper assisting pip	nonths aftin address  NA  six month peline seg sessed of	hs afterment
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o operating an existing pipeline segment at an alternate new pipeline segment in service at an alternate maximus interference currents on the pipeline segment? (TD.AMP., 192.709(c) (192.620(d)(6))  Notes  6. Alternative MAOP - Indirect Melacing the cathodic protection of a new pipeline segment ander Part 192 has been certified under the Alternative Madirect method such as close-interval survey, and the interval survey, and the interval survey, and the interval survey, and the interval survey.	maximum allowable um allowable opera AMAOPINTFRCURRE  Sat+  thod (detail) If the in operation, or will daximum Operating tegrity of the coatin	e operating press ENT.R) (de Sat  Does the p thin six m Pressure g using di	g pressure, or ure) have been tail)  Concern  rocess require onths after an rule, that adec	within six range and adequate  Unsat  that within existing piper assisting pip	nonths aftin address  NA  six month peline seg sessed of	ter placesing an NC
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alternating current voltage gradient (ACVG)? (TD.AM			rect current vo	ntage gradi	ent (Deve	1) 01
192.709(c) (192.620(d)(7))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
8. Alternative MAOP - Test Rea alternate maximum allowable operating pressure req test station during annual monitoring; *Or notification the pipeline is not compromised; *And after completic adequate corrosion control by a close interval survey (TD.AMP.AMAOPTESTREAD.P) (detail)	uire:*Completion of ren n of each responsible pip on of the remedial action	nedial acti peline safe n to addre	ion within six r ety party demo ess a failed rea	months of a onstrating tl ding, confir	failed read that the into m restorat	ding at a egrity of
192.605(b)(2) (192.620(d)(8))	Sat+	Sat	Concern	Unsat	NΑ	N C
O Alternative MAOD. Test Don	ding (detail) 0					
reading at a test station during annual monitoring; *C integrity of the pipeline is not compromised and; *And restoration of adequate corrosion control by a close in	re the following;*Comp Or notification of each re d after completion of the	letion of re esponsible e remedia	emedial action pipeline safety I action to add	within six i y party den ress a faile	months of nonstrating d reading,	a failed that the confirm
at an alternate maximum allowable operating pressureading at a test station during annual monitoring; *C integrity of the pipeline is not compromised and; *Andrestoration of adequate corrosion control by a close is station? (TD.AMP.AMAOPTESTREAD.R) (detail)	re the following;*Comp Or notification of each re d after completion of the	letion of re esponsible e remedia	emedial action pipeline safety I action to add	within six i y party den ress a faile	months of nonstrating d reading,	a failed that the confirm
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at an alternate maximum allowable operating pressureading at a test station during annual monitoring; *C integrity of the pipeline is not compromised and; *Andrestoration of adequate corrosion control by a close is station? (TD.AMP.AMAOPTESTREAD.R) (detail)	re the following;*Compo Or notification of each re d after completion of the nterval survey on either	letion of responsible e remedia r side of th	emedial action pipeline safety I action to add ne affected tes	within six in the party dend in the party dend in the party dend in the party dender in the party dener in the party dender in the party dender in the party dender in	months of nonstrating d reading, the next t	a failed I that the confirm est
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at an alternate maximum allowable operating pressureading at a test station during annual monitoring; *C integrity of the pipeline is not compromised and; *Ancrestoration of adequate corrosion control by a close is station? (TD.AMP.AMAOPTESTREAD.R) (detail) 192.709(c) (192.620(d)(8))	re the following;*Compo Or notification of each re d after completion of the nterval survey on either	letion of responsible e remedia r side of th	emedial action pipeline safety I action to add ne affected tes	within six in the party dend in the party dend in the party dend in the party dender in the party dener in the party dender in the party dender in the party dender in	months of nonstrating d reading, the next t	a failed I that the confirm est
at an alternate maximum allowable operating pressureading at a test station during annual monitoring; *C integrity of the pipeline is not compromised and; *Ancrestoration of adequate corrosion control by a close is station? (TD.AMP.AMAOPTESTREAD.R) (detail) 192.709(c) (192.620(d)(8))	re the following;*Complor notification of each red after completion of the nterval survey on either  Sat+	letion of responsible e remedia r side of the Sat	emedial action pipeline safety I action to add ne affected tes  Concern	within six i y party den less a failed t station to	months of nonstrating d reading, the next t	a failed I that the confirm est
at an alternate maximum allowable operating pressure reading at a test station during annual monitoring; *Cointegrity of the pipeline is not compromised and; *Andrestoration of adequate corrosion control by a close is station? (TD.AMP.AMAOPTESTREAD.R) (detail)  192.709(c) (192.620(d)(8))  Notes  Time-Dependent Threats - In the Atmospheric Corrosion (detail)	re the following; *Complete the following; *Complete the following; *Complete the following the following; *Complete t	letion of responsible eremedia side of the Sat	emedial action pipeline safety I action to add ne affected tes  Concern	within six is party denderess a failed to station to Unsat	months of nonstrating d reading, the next to NA	a failed that the confirm est NC
at an alternate maximum allowable operating pressure reading at a test station during annual monitoring; *Contegrity of the pipeline is not compromised and; *Ancrestoration of adequate corrosion control by a close is station? (TD.AMP.AMAOPTESTREAD.R) (detail)  192.709(c) (192.620(d)(8))  Notes  Time-Dependent Threats -	re the following; *Comport notification of each red after completion of the interval survey on either  Sat+  External Cor  Ail) Does the process g.P. (detail)	letion of responsible eremedia side of the Sat	emedial action pipeline safety I action to add ne affected tes  Concern	within six is party dendress a failed to station to Unsat  Osphe  For protecting	months of nonstrating d reading, the next to NA	a failed that the confirm est NC

Notes

	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
3. Atmospheric Corrosion Monitoring (d	letail) Do	es the pro	ocess give ade	quate instru	ıction for t	he
nspection of aboveground pipeline segments for atmospheric co	rosion? (TD	.ATM.ATM	ICORRODEINS	P.P) (detail)	)	
.92.605(b)(2) (192.481(a); 192.481(b); 192.481(c))	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
4. Atmospheric Corrosion Monitoring (		Do record	ls document in	spection of	abovegro	und pipe
for atmospheric corrosion? (TD.ATM.ATMCORRODEINSP.R) (conf	rm)					
192.491(c) (192.481(a); 192.481(b); 192.481(c))	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
	lotoil\ /	esented a	bove) <i>Is pipe</i>	that is expo	sed to atr	nocnhar
5. Atmospheric Corrosion Monitoring (d	i <b>ecan)</b> (pr					nospnei
corrosion protected? (TD.ATM.ATMCORRODEINSP.O) (detail)	- "					
	Sat+	Sat	Concern	Unsat	N A	N C
corrosion protected? (TD.ATM.ATMCORRODEINSP.O) (detail)	- "	Sat	Concern	Unsat	N A	
corrosion protected? (TD.ATM.ATMCORRODEINSP.O) (detail) 192.481(b) (192.481(c); 192.479(a); 192.479(b); 192.479(c))	- "	Sat	Concern	Unsat	NA	
corrosion protected? (TD.ATM.ATMCORRODEINSP.O) (detail)	- "	Sat	Concern	Unsat	N A	
corrosion protected? (TD.ATM.ATMCORRODEINSP.O) (detail) 192.481(b) (192.481(c); 192.479(a); 192.479(b); 192.479(c))	- "	Sat	Concern	Unsat	NA	
corrosion protected? (TD.ATM.ATMCORRODEINSP.O) (detail) 192.481(b) (192.481(c); 192.479(a); 192.479(b); 192.479(c))	- "	Sat	Concern	Unsat	NA	
Notes  6. Storage Field Atmospheric Corrosion	Sat+	ng (de	tail) Is above			N C
Corrosion protected? (TD.ATM.ATMCORRODEINSP.O) (detail) 192.481(b) (192.481(c); 192.479(a); 192.479(b); 192.479(c))  Notes  6. Storage Field Atmospheric Corrosion fields checked for indications of atmospheric corrosion? (TD.ATM	Sat+  Monitori STORAGEAT	ng (det	t <b>ail)</b> <i>Is above</i> tail)	eground pip	e located i	N C
Corrosion protected? (TD.ATM.ATMCORRODEINSP.O) (detail) 192.481(b) (192.481(c); 192.479(a); 192.479(b); 192.479(c))  Notes  6. Storage Field Atmospheric Corrosion fields checked for indications of atmospheric corrosion? (TD.ATM	Sat+	ng (de	tail) Is above	eground pip		N C
Corrosion protected? (TD.ATM.ATMCORRODEINSP.O) (detail) 192.481(b) (192.481(c); 192.479(a); 192.479(b); 192.479(c))  Notes	Sat+  Monitori STORAGEAT	ng (det	t <b>ail)</b> <i>Is above</i> tail)	eground pip	e located i	N C

## **Time-Dependent Threats - External Corrosion - CP Monitoring**

2. Cathodic Protection Monitoring Criteria (detail 2.491(c) (192.463(a))  3. Cathodic Protection Monitoring Criteria (considings that allow for the application of appropriate CP monitoring criteria? 2.463(a)  4. Cathodic Protection Monitoring (detail) Does the seen applied to pipelines? (TD.CPMONITOR.TEST.P) (detail) 2.605(b)(2) (192.465(a))  5. Cathodic Protection Monitoring (detail) Do reconsiderate and protection Monitoring (de		Concern		N A	NC
2. Cathodic Protection Monitoring Criteria (detail steria used was acceptable? (TD.CPMONITOR.MONITORCRITERIA.R.) (detail 2.491(c) (192.463(a))  Sat+  otes  3. Cathodic Protection Monitoring Criteria (considings that allow for the application of appropriate CP monitoring criteria? 2.463(a)  Sat+  otes  4. Cathodic Protection Monitoring (detail) Does the separate points because applied to pipelines? (TD.CPMONITOR.TEST.P) (detail) 2.605(b)(2) (192.465(a))  Sat+  otes  5. Cathodic Protection Monitoring (detail) Do reconsidering (detail)	)	records docume	ont that the		
2. Cathodic Protection Monitoring Criteria (detail steria used was acceptable? (TD.CPMONITOR.MONITORCRITERIA.R.) (detail 2.491(c) (192.463(a))  Sat+  otes  3. Cathodic Protection Monitoring Criteria (considings that allow for the application of appropriate CP monitoring criteria? 2.463(a)  Sat+  otes  4. Cathodic Protection Monitoring (detail) Does the separate points because applied to pipelines? (TD.CPMONITOR.TEST.P) (detail) 2.605(b)(2) (192.465(a))  Sat+  otes  5. Cathodic Protection Monitoring (detail) Do reconsidering (detail)	)	records docum	ont that the		
3. Cathodic Protection Monitoring Criteria?  2.463(a)  4. Cathodic Protection Monitoring (detail) Does the separate to pipelines? (TD.CPMONITOR.TEST.P) (detail)  2.605(b)(2) (192.465(a))  5. Cathodic Protection Monitoring (detail) Do recontains that allow for the application of appropriate CP monitoring criteria?  3. Cathodic Protection Monitoring (detail) Does the separate to pipelines? (TD.CPMONITOR.TEST.P) (detail)  5. Cathodic Protection Monitoring (detail) Do recontains that allow for the application of appropriate CP monitoring (detail)  5. Cathodic Protection Monitoring (detail) Do recontains the pipelines?	)	records docum	ont that the		
3. Cathodic Protection Monitoring Criteria?  2.463(a)  4. Cathodic Protection Monitoring (detail) Does the separate to pipelines? (TD.CPMONITOR.TEST.P) (detail)  2.605(b)(2) (192.465(a))  5. Cathodic Protection Monitoring (detail) Do recontains that allow for the application of appropriate CP monitoring criteria?  3. Cathodic Protection Monitoring (detail) Does the separate to pipelines? (TD.CPMONITOR.TEST.P) (detail)  5. Cathodic Protection Monitoring (detail) Do recontains that allow for the application of appropriate CP monitoring (detail)  5. Cathodic Protection Monitoring (detail) Do recontains the pipelines?	)	records docum	ant that tha		
3. Cathodic Protection Monitoring Criteria?  2.463(a)  4. Cathodic Protection Monitoring (detail) Does the separate to pipelines? (TD.CPMONITOR.TEST.P) (detail)  2.605(b)(2) (192.465(a))  5. Cathodic Protection Monitoring (detail) Do recontains that allow for the application of appropriate CP monitoring criteria?  3. Cathodic Protection Monitoring (detail) Does the separate to pipelines? (TD.CPMONITOR.TEST.P) (detail)  5. Cathodic Protection Monitoring (detail) Do recontains that allow for the application of appropriate CP monitoring (detail)  5. Cathodic Protection Monitoring (detail) Do recontains the pipelines?	)	records docum	ant that tha		
3. Cathodic Protection Monitoring Criteria?  2.463(a)  4. Cathodic Protection Monitoring (detail) Does the separate to pipelines? (TD.CPMONITOR.TEST.P) (detail)  2.605(b)(2) (192.465(a))  5. Cathodic Protection Monitoring (detail) Do recontains that allow for the application of appropriate CP monitoring criteria?  3. Cathodic Protection Monitoring (detail) Does the separate to pipelines? (TD.CPMONITOR.TEST.P) (detail)  5. Cathodic Protection Monitoring (detail) Do recontains that allow for the application of appropriate CP monitoring (detail)  5. Cathodic Protection Monitoring (detail) Do recontains the pipelines?	)		enil linal line	CP monito	orina
3. Cathodic Protection Monitoring Criteria (conadings that allow for the application of appropriate CP monitoring criteria?  2.463(a)  4. Cathodic Protection Monitoring (detail) Does the seben applied to pipelines? (TD.CPMONITOR.TEST.P) (detail)  2.605(b)(2) (192.465(a))  5. Cathodic Protection Monitoring (detail) Do recondings (detail) Do re	Sat				
3. Cathodic Protection Monitoring Criteria (con adings that allow for the application of appropriate CP monitoring criteria?  2.463(a)  Sat+  otes  4. Cathodic Protection Monitoring (detail) Does the seen applied to pipelines? (TD.CPMONITOR.TEST.P) (detail)  2.605(b)(2) (192.465(a))  Sat+  otes  5. Cathodic Protection Monitoring (detail) Do recon		Concern	Unsat	NA	NC
3. Cathodic Protection Monitoring Criteria (con adings that allow for the application of appropriate CP monitoring criteria?  2.463(a)  Sat+  otes  4. Cathodic Protection Monitoring (detail) Does the seen applied to pipelines? (TD.CPMONITOR.TEST.P) (detail)  2.605(b)(2) (192.465(a))  Sat+  otes  5. Cathodic Protection Monitoring (detail) Do recon					
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A. Cathodic Protection Monitoring (detail)  2.605(b)(2) (192.465(a))  5. Cathodic Protection Monitoring (detail)  6. Cathodic Protection Monitoring (detail)  6. Cathodic Protection Monitoring (detail)  7. Cathodic Protection Monitoring (detail)					
A. Cathodic Protection Monitoring (detail)  2.605(b)(2) (192.465(a))  5. Cathodic Protection Monitoring (detail)  6. Cathodic Protection Monitoring (detail)  6. Cathodic Protection Monitoring (detail)  7. Cathodic Protection Monitoring (detail)					
A. Cathodic Protection Monitoring (detail)  2.605(b)(2) (192.465(a))  5. Cathodic Protection Monitoring (detail)  6. Cathodic Protection Monitoring (detail)  6. Cathodic Protection Monitoring (detail)  7. Cathodic Protection Monitoring (detail)					
2.463(a)  4. Cathodic Protection Monitoring (detail) Does the separate been applied to pipelines? (TD.CPMONITOR.TEST.P) (detail)  2.605(b)(2) (192.465(a))  5. Cathodic Protection Monitoring (detail) Do recoil					
4. Cathodic Protection Monitoring (detail) Does the speen applied to pipelines? (TD.CPMONITOR.TEST.P) (detail) 2.605(b)(2) (192.465(a))  Sat+  otes  5. Cathodic Protection Monitoring (detail) Do recoil	Sat	Concern		N A	N C
4. Cathodic Protection Monitoring (detail) Does the speen applied to pipelines? (TD.CPMONITOR.TEST.P) (detail)  2.605(b)(2) (192.465(a))  Sat+  otes  5. Cathodic Protection Monitoring (detail) Do reconditional details and the speed of the	Sat	Concern	Olisac	NA .	140
4. Cathodic Protection Monitoring (detail) Does the speen applied to pipelines? (TD.CPMONITOR.TEST.P) (detail)  2.605(b)(2) (192.465(a))  Sat+  otes  5. Cathodic Protection Monitoring (detail) Do reconditional details and the speed of the					
s been applied to pipelines? (TD.CPMONITOR.TEST.P) (detail)  2.605(b)(2) (192.465(a))  Sat+  otes  5. Cathodic Protection Monitoring (detail) Do recoil					
s been applied to pipelines? (TD.CPMONITOR.TEST.P) (detail)  2.605(b)(2) (192.465(a))  Sat+  otes  5. Cathodic Protection Monitoring (detail) Do recoil					
s been applied to pipelines? (TD.CPMONITOR.TEST.P) (detail)  2.605(b)(2) (192.465(a))  Sat+  otes  5. Cathodic Protection Monitoring (detail) Do recoil					
s been applied to pipelines? (TD.CPMONITOR.TEST.P) (detail)  2.605(b)(2) (192.465(a))  Sat+  otes  5. Cathodic Protection Monitoring (detail) Do recoil	e nrocess	adequately de	escribe how	to monitor	r CP tha
otes  5. Cathodic Protection Monitoring (detail) Do recon	z process	adequatery de	Scribe now		Cr cria
5. Cathodic Protection Monitoring (detail) Do recon	Sat	Concern	Unsat	NA	N C
5. Cathodic Protection Monitoring (detail) Do recon					
'' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '		ately documer	nt cathodic p	protection	
onitoring tests have occurred as required? (TD.CPMONITOR.TEST.R) (detai					
2.491(c) (192.465(a)) Sat+	Sat	Concern	Unsat	NA	N C
otes					

	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
7. Rectifier or other Impres	sed Current Sources	(confi	rm) Do recoi	rds docume	nt details	of
electrical checks of sources of rectifiers or other i	impressed current sources?	(TD.CPMC	NITOR.CURRE	NTTEST.R)	(confirm)	
192.491(c) (192.465(b))	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
8. Rectifier or other Impres						ssed
current sources properly maintained and are they	J , , , ,			, ,		
192.465(b)	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
9. Bonds, Diodes, and Reve						
for making electrical checks of interference bonds						
for making electrical checks of interference bonds (detail)				NITOR.REVO		
for making electrical checks of interference bonds (detail)	s, diodes, and reverse curre	nt switche	es? (TD.CPMON	NITOR.REVO	CURRENTT	EST.P)
for making electrical checks of interference bonds (detail)	s, diodes, and reverse curre	nt switche	es? (TD.CPMON	NITOR.REVO	CURRENTT	EST.P)
for making electrical checks of interference bonds (detail) 192.605(b)(2) (192.465(c))	s, diodes, and reverse curre	nt switche	es? (TD.CPMON	NITOR.REVO	CURRENTT	EST.P)
for making electrical checks of interference bonds (detail) 192.605(b)(2) (192.465(c))	s, diodes, and reverse curre	nt switche	es? (TD.CPMON	NITOR.REVO	CURRENTT	EST.P)
for making electrical checks of interference bonds (detail) 192.605(b)(2) (192.465(c))	s, diodes, and reverse curre	nt switche	es? (TD.CPMON	NITOR.REVO	CURRENTT	EST.P)
for making electrical checks of interference bonds (detail) 192.605(b)(2) (192.465(c)) Notes	Sat+	sat	Concern	Unsat	N A	NC
for making electrical checks of interference bonds (detail)  192.605(b)(2) (192.465(c))  Notes  10. Bonds, Diodes and Revo	Sat+  erse Current Switche	Sat	Concern  firm) Do rec	Unsat  Cords docum	N A	N C
for making electrical checks of interference bonds (detail)  192.605(b)(2) (192.465(c))  Notes  10. Bonds, Diodes and Reverselectrical checks interference bonds, diodes, and	Sat+  erse Current Switche	Sat	Concern  firm) Do rec	Unsat  Cords docum	N A	N C
for making electrical checks of interference bonds (detail) 192.605(b)(2) (192.465(c)) Notes	Sat+  erse Current Switcher reverse current switches? (	Sat  Sat  Es (con	Concern  Concern  firm) Do reconstruction.REVCUR	Unsat  Cords docum	N A  nent detail	N C
for making electrical checks of interference bonds (detail)  192.605(b)(2) (192.465(c))  Notes  10. Bonds, Diodes and Reverselectrical checks interference bonds, diodes, and	Sat+  erse Current Switcher reverse current switches? (	Sat  Sat  Es (con	Concern  Concern  firm) Do reconstruction.REVCUR	Unsat  Cords docum	N A  nent detail	N C

192.465(c)	Sat+	Sat	Concern	Unsat	NA	NC
	0411		Comcorni	o ii o a c		
Notes						
12. Correction of Corrosion Control De				ocess requi	re that th	e operat
correct any identified deficiencies in corrosion control? (TD.CPN	Sat+	Sat	Concern	Unsat	N A	NC
192.605(b)(2) (192.465(d))	Заіт	Sat	Concern	Unsat	NA	NC
Notes						
13. Correction of Corrosion Control De	eficiencies	(confi	rm) Do recor	ds adequate	ely docum	ent
actions taken to correct any identified deficiencies in corrosion	control? (TD.0	CPMONITO	OR.DEFICIENC	Y.R) (confiri	m)	
192.491(c) (192.465(d))	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
Notes						
Notes						
				6		
14. Test Leads Installation (detail) Doo	es the process	s provide a	adequate instru	uctions for t	he installa	ation of
14. Test Leads Installation (detail) Doctors leads? (TD.CPMONITOR.TESTLEAD.P) (detail)		s provide a	edequate instru		he installa	ation of
14. Test Leads Installation (detail) Doctorst leads? (TD.CPMONITOR.TESTLEAD.P) (detail)			1.			T
14. Test Leads Installation (detail) Doctest leads? (TD.CPMONITOR.TESTLEAD.P) (detail)			1.			T
<b>14. Test Leads Installation (detail)</b> Doctest leads? (TD.CPMONITOR.TESTLEAD.P) (detail) 192.605(b)(2) (192.471(a); 192.471(b); 192.471(c); 192.469			1.			T
<b>14. Test Leads Installation (detail)</b> Doctest leads? (TD.CPMONITOR.TESTLEAD.P) (detail) 192.605(b)(2) (192.471(a); 192.471(b); 192.471(c); 192.469			1.			T
<b>14. Test Leads Installation (detail)</b> Doctest leads? (TD.CPMONITOR.TESTLEAD.P) (detail) 192.605(b)(2) (192.471(a); 192.471(b); 192.471(c); 192.469			1.			T
14. Test Leads Installation (detail) Doctors leads? (TD.CPMONITOR.TESTLEAD.P) (detail) 192.605(b)(2) (192.471(a); 192.471(b); 192.471(c); 192.469  Notes  15. Test Leads Installation (detail) Do	Sat+	Sat	Concern  pipelines with	<b>Unsat</b> cathodic pr	<b>NA</b>	N C
14. Test Leads Installation (detail) Doc rest leads? (TD.CPMONITOR.TESTLEAD.P) (detail) 192.605(b)(2) (192.471(a); 192.471(b); 192.471(c); 192.469 Notes  15. Test Leads Installation (detail) Doc electrical test leads installed in accordance with requirements of	Sat+  records docui	Sat  ment that (TD.CPMO	Concern  pipelines with NITOR.TESTLE	Unsat  cathodic pri	NA otection h	N C
14. Test Leads Installation (detail) Doctors leads? (TD.CPMONITOR.TESTLEAD.P) (detail) 192.605(b)(2) (192.471(a); 192.471(b); 192.471(c); 192.469  Notes  15. Test Leads Installation (detail) Doctors leads installed in accordance with requirements of	Sat+	Sat	Concern  pipelines with	Unsat  cathodic pri	<b>NA</b>	N C
14. Test Leads Installation (detail) Doctest leads? (TD.CPMONITOR.TESTLEAD.P) (detail) 192.605(b)(2) (192.471(a); 192.471(b); 192.471(c); 192.469 Notes	Sat+  records docui	Sat  ment that (TD.CPMO	Concern  pipelines with NITOR.TESTLE	Unsat  cathodic pri	NA otection h	N C

192.471(a) (192.471(b); 192.471(c); 192.469)	Sat+	Sat	Concern	Unsat	NA	NC
				0000		
Notes	I	ı		<u> </u>		
17. Interference Currents (detail) of potential stray current so the detrimental effects of stray (TD.CPMONITOR.INTFRCURRENT.P) (detail)						∕ing are
192.605(b)(2) (192.473(a))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
18. Interference Currents (confirm effects of stray currents when found? (TD.CPMONITOR.INTI	FRCURRENT.R) (c	onfirm)	· ·			1
.92.491(C) (192.473(a))	Sat+	Sat	Concern	Unsat	NA	NC
	Sat+	Sat	Concern	Unsat	N A	NC
Notes  19. Interference Currents (confirm	<b>1)</b> (presented abo	ove) <i>Are a</i>	reas of potent	ial stray cur		
Notes  19. Interference Currents (confirm found, the detrimental effects of stray currents minimized	<b>1)</b> (presented abo	ove) <i>Are a</i>	reas of potent	ial stray cur		
Notes  19. Interference Currents (confirm found, the detrimental effects of stray currents minimized 192.473(a)	(presented abo	ove) <i>Are a</i> PR.INTFRC	reas of potent. URRENT.O) (c	ial stray cur onfirm)	rent ident	ified, ar
19. Interference Currents (confirm found, the detrimental effects of stray currents minimized 192.473(a)  Notes	n) (presented about? (TD.CPMONITO	ove) Are a PR.INTFRC Sat	reas of potent URRENT.O) (c	ial stray cur onfirm) Unsat	rent ident	ified, ar
19. Interference Currents (confirm found, the detrimental effects of stray currents minimized 192.473(a)  Notes  20. Corrosion Control Records (details)	a) (presented about? (TD.CPMONITO) Sat+	ove) Are a PR.INTFRC Sat	reas of potent URRENT.O) (c	ial stray cur onfirm) Unsat	rent ident	ified, ar
f found, the detrimental effects of stray currents minimized 192.473(a)  Notes	a) (presented about? (TD.CPMONITO) Sat+	ove) Are a PR.INTFRC Sat	reas of potent URRENT.O) (c	ial stray cur onfirm) Unsat	rent ident	ified, ai

102 401(-)	C - + .	C = +	C	11	NI A	N 6
L92.491(a)	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
		_				_ =
ime-Dependent Threats - Extern	al Cor	rosio	n - Cath	nodic l	Prote	ctio
1. Cathodic Protection post July 1971 (de						
ipeline installed after July 31, 1971, be protected against extern ompletion of construction, conversion to service, or becoming ju						
92.605(b)(2) (192.455(a); 192.457(a); 192.452(a); 92.452(b))	Sat+	Sat	Concern	Unsat	NA	NC
52.132(0))						
Notes						
Notes						
Notes						
Notes						
Notes						
2. Cathodic Protection post July 1971 (co						
2. Cathodic Protection post July 1971 (conjpeline installed after July 31, 1971, has been protected against	external co	rrosion wi	th a cathodic p	protection s	system with	hin 1 ye
2. Cathodic Protection post July 1971 (co	external co	rrosion wi	th a cathodic p	protection s	system with	hin 1 ye
2. Cathodic Protection post July 1971 (conjugate installed after July 31, 1971, has been protected against fter completion of construction, conversion to service, or become confirm)	external co	rrosion wi	th a cathodic p	protection s	system with	hin 1 ye
2. Cathodic Protection post July 1971 (conjugate installed after July 31, 1971, has been protected against feer completion of construction, conversion to service, or become confirm) 92.491(c) (192.455(a); 192.457(a); 192.452(a); 192.452(b))	external co ing jurisdict	rrosion wi ional onst	ith a cathodic poore gathering	orotection s ? (TD.CP.PC	system wit DST1971.F	hin 1 ye R)
2. Cathodic Protection post July 1971 (conjugate installed after July 31, 1971, has been protected against fiter completion of construction, conversion to service, or become confirm) 92.491(c) (192.455(a); 192.457(a); 192.452(a); 192.452(b))	external co ing jurisdict	rrosion wi ional onst	ith a cathodic poore gathering	orotection s ? (TD.CP.PC	system wit DST1971.F	hin 1 ye R)
2. Cathodic Protection post July 1971 (coipeline installed after July 31, 1971, has been protected against fter completion of construction, conversion to service, or become	external co ing jurisdict	rrosion wi ional onst	ith a cathodic poore gathering	orotection s ? (TD.CP.PC	system wit DST1971.F	hin 1 ye R)
2. Cathodic Protection post July 1971 (coippeline installed after July 31, 1971, has been protected against fiter completion of construction, conversion to service, or become confirm) 92.491(c) (192.455(a); 192.457(a); 192.452(a); 192.452(b))	external co ing jurisdict	rrosion wi ional onst	ith a cathodic poore gathering	orotection s ? (TD.CP.PC	system wit DST1971.F	hin 1 ye R)
2. Cathodic Protection post July 1971 (coippeline installed after July 31, 1971, has been protected against fiter completion of construction, conversion to service, or become confirm) 92.491(c) (192.455(a); 192.457(a); 192.452(a); 192.452(b))	external co ing jurisdict	rrosion wi ional onst	ith a cathodic poore gathering	orotection s ? (TD.CP.PC	system wit DST1971.F	hin 1 ye R)
2. Cathodic Protection post July 1971 (consideration installed after July 31, 1971, has been protected against after completion of construction, conversion to service, or become confirm)  92.491(c) (192.455(a); 192.457(a); 192.452(a); 192.452(b))  Notes  3. Cathodic Protection pre August 1971 (	external coing jurisdict  Sat+	rrosion wijonal onsh  Sat  Does the p	concern  Concern	Unsat  that pipeli	rystem wit. DST1971.F N A	hin 1 ye
2. Cathodic Protection post July 1971 (consipeline installed after July 31, 1971, has been protected against fiter completion of construction, conversion to service, or become confirm)  92.491(c) (192.455(a); 192.457(a); 192.452(a); 192.452(b))  Notes  3. Cathodic Protection pre August 1971 (ungust 1, 1971 (except for cast and ductile iron lines) which are	external coing jurisdict  Sat+  (detail) L  1) bare or in	rrosion with ional onships at Sat  Does the parentifications of the parentification with income and the parentification with the parentification w	concern  Concern  crocess requirely coated trans	Unsat  that pipelismission lin	nes installes or 2) ba	NC
2. Cathodic Protection post July 1971 (considered installed after July 31, 1971, has been protected against after completion of construction, conversion to service, or become confirm)  92.491(c) (192.455(a); 192.457(a); 192.452(a); 192.452(b))  Notes  3. Cathodic Protection pre August 1971 (	external coing jurisdict  Sat+  (detail) L  1) bare or incathodically	rrosion with ional onships at Sat  Does the parentifications of the parentification with income and the parentification with the parentification w	concern  Concern  crocess requirely coated trans	Unsat  that pipelismission lin	nes installes or 2) ba	NC
2. Cathodic Protection post July 1971 (conjugation installed after July 31, 1971, has been protected against fiter completion of construction, conversion to service, or become confirm)  92.491(c) (192.455(a); 192.457(a); 192.452(a); 192.452(b))  Notes  3. Cathodic Protection pre August 1971 (august 1, 1971 (except for cast and ductile iron lines) which are conted pipes in compressor, regulator or meter stations must be conteded to the content of the co	external coing jurisdict  Sat+  (detail) L  1) bare or incathodically	rrosion with ional onships at Sat  Does the parentifications of the parentification with income and the parentification with the parentification w	concern  Concern  crocess requirely coated trans	Unsat  that pipelismission lin	nes installes or 2) ba	NC
2. Cathodic Protection post July 1971 (conspeline installed after July 31, 1971, has been protected against fter completion of construction, conversion to service, or become confirm) 92.491(c) (192.455(a); 192.457(a); 192.452(a); 192.452(b)) Notes  3. Cathodic Protection pre August 1971 (august 1, 1971 (except for cast and ductile iron lines) which are contacted pipes in compressor, regulator or meter stations must be accordance with Subpart I or Part 192? (TD.CP.PRE1971.P) (details protected against 1971 (conspection protected	Sat+  (detail) Late the detail of the late the l	Sat  Does the prefective or protected	Concern  Concern  Concern	Unsat  that pipelismission linger active co	nes installes or 2) barrosion is	N C
2. Cathodic Protection post July 1971 (conspeline installed after July 31, 1971, has been protected against feer completion of construction, conversion to service, or become confirm)  92.491(c) (192.455(a); 192.457(a); 192.452(a); 192.452(b))  Notes  3. Cathodic Protection pre August 1971 (august 1, 1971 (except for cast and ductile iron lines) which are contained pipes in compressor, regulator or meter stations must be accordance with Subpart I or Part 192? (TD.CP.PRE1971.P) (detained) (de	Sat+  (detail) Late the detail of the late the l	Sat  Does the prefective or protected	Concern  Concern  Concern	Unsat  that pipelismission linger active co	nes installes or 2) barrosion is	N C
2. Cathodic Protection post July 1971 (conspeline installed after July 31, 1971, has been protected against fter completion of construction, conversion to service, or become confirm) 92.491(c) (192.455(a); 192.457(a); 192.452(a); 192.452(b)) Notes  3. Cathodic Protection pre August 1971 (august 1, 1971 (except for cast and ductile iron lines) which are contacted pipes in compressor, regulator or meter stations must be accordance with Subpart I or Part 192? (TD.CP.PRE1971.P) (details protected against 1971 (conspection protected	Sat+  (detail) Late the detail of the late the l	Sat  Does the prefective or protected	Concern  Concern  Concern	Unsat  that pipelismission linger active co	nes installes or 2) barrosion is	NC

S. Cathodic Protection of Underground Piegulator or meter stations installed before August 1, 1971 (excepthere active corrosion was found in accordance with Subpart I or 92.457(b)  Notes  6. Use of Aluminum (detail) Does the process ubmerged or buried pipeline? (TD.CP.ALUMINUM.P) (detail) 92.605(b)(2) (192.455(e))	t for cast a Part 192? Sat+	and ductile (TD.CP.PR Sat	e iron lines) ca E1971.O) (dei Concern	thodically p tail) Unsat	N A	N C
5. Cathodic Protection of Underground Piegulator or meter stations installed before August 1, 1971 (excepthere active corrosion was found in accordance with Subpart I or 92.457(b)  Notes  6. Use of Aluminum (detail) Does the process ubmerged or buried pipeline? (TD.CP.ALUMINUM.P) (detail) 92.605(b)(2) (192.455(e))	t for cast a Part 192? Sat+	and ductile (TD.CP.PR Sat	c iron lines) ca E1971.O) (det Concern	thodically p tail) Unsat	N A	N C
egulator or meter stations installed before August 1, 1971 (exception active corrosion was found in accordance with Subpart I or 92.457(b)  Notes  6. Use of Aluminum (detail) Does the process abbmerged or buried pipeline? (TD.CP.ALUMINUM.P) (detail) 92.605(b)(2) (192.455(e))	t for cast a Part 192? Sat+	and ductile (TD.CP.PR Sat	c iron lines) ca E1971.O) (det Concern	thodically p tail) Unsat	N A	N C
6. Use of Aluminum (detail) Does the process ubmerged or buried pipeline? (TD.CP.ALUMINUM.P) (detail) 92.605(b)(2) (192.455(e))	give adequ	uate guida	ence for the ins	stallation of	aluminum	n in a
<b>6. Use of Aluminum (detail)</b> Does the process ubmerged or buried pipeline? (TD.CP.ALUMINUM.P) (detail) 92.605(b)(2) (192.455(e))						
ubmerged or buried pipeline? (TD.CP.ALUMINUM.P) (detail) 92.605(b)(2) (192.455(e))						1
	Sat+	Sat	Concern	Unsat	NA	NC
Jotos						
7. Use of Aluminum (detail) Do records suppo	rt the inst:	ellation of	aluminum who	en it was ins	stalled in a	
ubmerged or buried pipeline? (TD.CP.ALUMINUM.R) (detail)	t the msta	allation of	aiuiiiiiuiii wiie	en it was ins	staneu III a	'
92.491(c) (192.455(e))	Sat+	Sat	Concern	Unsat	NA	NC
Notes  8. Cathodic Protection of Amphoteric Metathodic protection of amphoteric metals (aluminum) that are inclinated and inclinated actions.						
92.605(b)(2) (192.463(b); 192.463(c))	Sat+	Sat	Concern	Unsat	N A	N C
Notes						

.92.491(c) (192.463(b))		· •	CP.AMPHOTER	, ,	11)	
	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
<b>10. Unprotected Buried Pipelines (typica</b> ufficient direction for the monitoring of external corrosion on bur  TD.CP.UNPROTECT.P) (detail)						
92.605(b)(2) (192.465(e))	Sat+	Sat	Concern	Unsat	N A	N C
Notes						
<b>11. Unprotected Buried Pipelines (typica</b> pocument the re-evaluation of buried pipelines with no cathodic platail)						
92.491(c) (192.465(e))	Sat+	Sat	Concern	Unsat	N A	N C
Notes						
12 Toolation from Other Metallic Structu	uros (dot	vail) Doo	o the process	aivo adoque	ata guidan	co for
12. Isolation from Other Metallic Structulectrically isolating each buried or submerged pipeline from other	r metallic si	tructures i	unless they ele	ectrically int		
lectrically isolating each buried or submerged pipeline from othe athodically protect the pipeline and the other structures as a sing	r metallic si gle unit? (T	tructures D.CP.ELEC	unless they ele CISOLATE.P) (	ectrically int detail)	erconnect	and
lectrically isolating each buried or submerged pipeline from othe athodically protect the pipeline and the other structures as a sing 92.605(b)(2) (192.467(a); 192.467(b); 192.467(c);	r metallic si	tructures i	unless they ele	ectrically int		
lectrically isolating each buried or submerged pipeline from othe athodically protect the pipeline and the other structures as a sing 92.605(b)(2) (192.467(a); 192.467(b); 192.467(c); 92.467(d); 192.467(e))	r metallic si gle unit? (T	tructures D.CP.ELEC	unless they ele CISOLATE.P) (	ectrically int detail)	erconnect	and
lectrically isolating each buried or submerged pipeline from othe athodically protect the pipeline and the other structures as a sing 92.605(b)(2) (192.467(a); 192.467(b); 192.467(c); 92.467(d); 192.467(e))	r metallic si gle unit? (T	tructures D.CP.ELEC	unless they ele CISOLATE.P) (	ectrically int detail)	erconnect	and
lectrically isolating each buried or submerged pipeline from othe athodically protect the pipeline and the other structures as a sing 92.605(b)(2) (192.467(a); 192.467(b); 192.467(c); 92.467(d); 192.467(e))	r metallic si gle unit? (T	tructures D.CP.ELEC	unless they ele CISOLATE.P) (	ectrically int detail)	erconnect	and
lectrically isolating each buried or submerged pipeline from othe athodically protect the pipeline and the other structures as a sing 92.605(b)(2) (192.467(a); 192.467(b); 192.467(c); 92.467(d); 192.467(e))	r metallic si gle unit? (T	tructures D.CP.ELEC	unless they ele CISOLATE.P) (	ectrically int detail)	erconnect	and
lectrically isolating each buried or submerged pipeline from othe athodically protect the pipeline and the other structures as a sing 92.605(b)(2) (192.467(a); 192.467(b); 192.467(c); 92.467(d); 192.467(e))  Notes  13. Isolation from Other Metallic Structu	r metallic sigle unit? (T Sat+	tructures of D.CP.ELEC  Sat	Concern  Oo records ade	ectrically interested in the detail)  Unsat	N A	N C
lectrically isolating each buried or submerged pipeline from other athodically protect the pipeline and the other structures as a sing 92.605(b)(2) (192.467(a); 192.467(b); 192.467(c); 92.467(d); 192.467(e))  Notes  13. Isolation from Other Metallic Structure of each buried or submerged pipeline from other metallic	r metallic sigle unit? (T Sat+  Ires (cor	Sat  ofirm) L  unless th	Concern  Oo records ade ey electrically	ectrically interested in the detail)  Unsat	N A	N C
lectrically isolating each buried or submerged pipeline from othe athodically protect the pipeline and the other structures as a sing 92.605(b)(2) (192.467(a); 192.467(b); 192.467(c); 92.467(d); 192.467(e))  Notes	r metallic sigle unit? (T Sat+  Ires (cor	Sat  ofirm) L  unless th	Concern  Oo records ade ey electrically	ectrically interested in the detail)  Unsat	N A	N C
dectrically isolating each buried or submerged pipeline from other athodically protect the pipeline and the other structures as a single 22.605(b)(2) (192.467(a); 192.467(b); 192.467(c); 92.467(d); 192.467(e))  Notes  13. Isolation from Other Metallic Structure of each buried or submerged pipeline from other metallic rotect the pipeline and the other structures as a single unit? (TD 92.491(c) (192.467(a); 192.467(b); 192.467(c); 192.467(d);	r metallic sigle unit? (T  Sat+  Ires (cor e structures .CP.ELECIS	Sat  ofirm) L  unless th  OLATE.R)	Concern  Concern  Concern  Concern  Concern  Concern	quately doc	N A  www.nent elect and cath	and

and cathodically protect the pipeline and the other structures	() <b>S</b> ¬ + ±	S - +	Concern	Unsat	NA	NC
192.467(a) (192.467(b); 192.467(c); 192.467(d); 192.467(e	) Sat+	Sat	Concern	Unsat	NA	NC
Notes						
15. Protection from Fault Currents (d	etail) Does t	he nroces	s aive sufficien	it quidance	for detern	ninina
when protection against damage from fault currents or lightni (TD.CP.FAULTCURRENT.P) (detail)						mmg
192.605(b)(2) (192.467(f))	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
16 Protection from Fault Currents (c	nfirm) Do	records ac	leguately docu	ment the in	ctallation	and
16. Protection from Fault Currents (conspection of fault current and lightning protection? (TD.CP.FA				ment the in	stallation	and
<b>16. Protection from Fault Currents (c</b> inspection of fault current and lightning protection? (TD.CP.FA 192.491(c) (192.467(f))					stallation N A	and N C
inspection of fault current and lightning protection? (TD.CP.FA	ULTCURRENT.	R) (confir	n)			
inspection of fault current and lightning protection? (TD.CP.FA	ULTCURRENT.	R) (confir	n)			
inspection of fault current and lightning protection? (TD.CP.FA	ULTCURRENT.	R) (confir	n)			
inspection of fault current and lightning protection? (TD.CP.FA	ULTCURRENT. Sat+	R) (confirm	Concern	Unsat	N A	N C
inspection of fault current and lightning protection? (TD.CP.FA 192.491(c) (192.467(f))  Notes  17. Protection from Fault Currents (d	ULTCURRENT. Sat+	R) (confirm	Concern	Unsat	N A	N C
Inspection of fault current and lightning protection? (TD.CP.FA	ULTCURRENT. Sat+	R) (confirm	Concern	<b>Unsat</b> protection 1	N A	N C
inspection of fault current and lightning protection? (TD.CP.FA 192.491(c) (192.467(f))  Notes  17. Protection from Fault Currents (d installed and inspected? (TD.CP.FAULTCURRENT.O) (detail)	Sat+	R) (confirm	Concern	<b>Unsat</b> protection 1	<b>NA</b> for the pip	N C
inspection of fault current and lightning protection? (TD.CP.FA	Sat+	R) (confirm	Concern	<b>Unsat</b> protection 1	<b>NA</b> for the pip	N C
inspection of fault current and lightning protection? (TD.CP.FA 192.491(c) (192.467(f))  Notes  17. Protection from Fault Currents (d installed and inspected? (TD.CP.FAULTCURRENT.O) (detail) 192.467(f)	Sat+	R) (confirm	Concern	<b>Unsat</b> protection 1	<b>NA</b> for the pip	N C
inspection of fault current and lightning protection? (TD.CP.FA 192.491(c) (192.467(f))  Notes  17. Protection from Fault Currents (d installed and inspected? (TD.CP.FAULTCURRENT.O) (detail) 192.467(f)	Sat+	R) (confirm	Concern	<b>Unsat</b> protection 1	<b>NA</b> for the pip	N C
inspection of fault current and lightning protection? (TD.CP.FA 192.491(c) (192.467(f))  Notes  17. Protection from Fault Currents (d installed and inspected? (TD.CP.FAULTCURRENT.O) (detail) 192.467(f)  Notes	etail) Are fac	R) (confirm	Concern  and lightning  Concern	protection t	N A  For the pip	n C
inspection of fault current and lightning protection? (TD.CP.FA 192.491(c) (192.467(f))  Notes  17. Protection from Fault Currents (d installed and inspected? (TD.CP.FAULTCURRENT.O) (detail) 192.467(f)  Notes  18. Impressed Current or Galvanic Ar impressed current type cathodic protection systems and galva	etail) Are face Sat+  ode Systemic anode systemic a	Sat  ult current  Sat  ms (determs must	concern  and lightning  Concern  Concern	protection i	NA  for the pip  NA	n C  peline  N C
Inspection of fault current and lightning protection? (TD.CP.FA 192.491(c) (192.467(f))  Notes  17. Protection from Fault Currents (dinstalled and inspected? (TD.CP.FAULTCURRENT.O) (detail) 192.467(f)  Notes  18. Impressed Current or Galvanic Ar	etail) Are face Sat+  ode Systemic anode systemic a	Sat  ult current  Sat  ms (determs must	concern  and lightning  Concern  Concern	protection in the process in the installed of the control of the c	NA  for the pip  NA	n C  peline  N C

192.491(c) (192.473(b))	Sat+	Sat	Concern	Unsat	N A	N C
Notes						
<b>20. Graphitization of Cast Iron and</b> remediation of graphitization of cast iron or ductile iron p				cess give ac	dequate gi	uidance
192.605(b)(2) (192.489(a); 192.489(b))	Sat+	Sat	Concern	Unsat	N A	N C
Notes	<u>'</u>					
<b>21. Graphitization of Cast Iron and</b> graphitization of cast iron or ductile iron pipe? (TD.CP.GR			Do records de	ocument rei	mediation	of
192.491(c) (192.489(a); 192.489(b))	Sat+	Sat	Concern	Unsat	N A	N C
3231(6) (23263(6)) 23263(6))				0.11041		
Notes						
Notes	·					
Notes						
Notes						
22. Corrosion Control Records (det		ess includ	de records requ	uirements fo	or the corr	rosion
<b>22. Corrosion Control Records (det</b> control activities listed in 192.491? (TD.CP.RECORDS.P)	(detail)	I				1
<b>22. Corrosion Control Records (det</b> control activities listed in 192.491? (TD.CP.RECORDS.P)		ess includ	de records requ	uirements fo	or the corr	rosion N C
	(detail)	I				1
<b>22. Corrosion Control Records (det</b> control activities listed in 192.491? (TD.CP.RECORDS.P) (192.605(b)(2) (192.491(a); 192.491(b); 192.491(c))	(detail)	I				1
<b>22. Corrosion Control Records (det</b> control activities listed in 192.491? (TD.CP.RECORDS.P) (192.605(b)(2) (192.491(a); 192.491(b); 192.491(c))	(detail)	I				1
<b>22. Corrosion Control Records (det</b> control activities listed in 192.491? (TD.CP.RECORDS.P) (192.605(b)(2) (192.491(a); 192.491(b); 192.491(c))	(detail)	I				1
22. Corrosion Control Records (det control activities listed in 192.491? (TD.CP.RECORDS.P) (192.605(b)(2) (192.491(a); 192.491(b); 192.491(c))  Notes  23. Corrosion Control Records (det	(detail)  Sat+	Sat	Concern	Unsat	NA	NC
22. Corrosion Control Records (det control activities listed in 192.491? (TD.CP.RECORDS.P) (192.605(b)(2) (192.491(a); 192.491(b); 192.491(c))  Notes  23. Corrosion Control Records (det TD.CP.RECORDS.R) (detail)	(detail)  Sat+  Cail) Do records income	Sat	Concern	Unsat	<b>NA</b> I in 192.49	N C
22. Corrosion Control Records (det control activities listed in 192.491? (TD.CP.RECORDS.P) (192.605(b)(2) (192.491(a); 192.491(b); 192.491(c))  Notes  23. Corrosion Control Records (det TD.CP.RECORDS.R) (detail)	(detail)  Sat+	Sat	Concern	Unsat	NA	NC
<b>22. Corrosion Control Records (det</b> <i>control activities listed in 192.491?</i> (TD.CP.RECORDS.P) (192.605(b)(2) (192.491(a); 192.491(b); 192.491(c))  Notes	(detail)  Sat+  Cail) Do records income	Sat	Concern	Unsat	<b>NA</b> I in 192.49	N C

## **Time-Dependent Threats - External Corrosion - Coatings**

ncern Ur	nsat N	
		IA N
buried or sub g unless exem		
ncern Ur	nsat N	IA N
tation why su ail) oncern Ur		IA N
1971, be pro	otected again	
1971, be pro IPE.P) (detail)	otected again I)	
	1971, be pro IPE.P) (detai	ess require that each burie 1971, be protected agair IPE.P) (detail) Oncern Unsat N

5. Conversion to Service - Pipe Coating pipeline that has been converted to gas service and was installed with an adequate coating unless exempted under 192.455(b)? (	d after July 3	31, 1971,	has been prote	ected agains	st externa	mergea I corrosi
192.491(c) (192.452(a); 192.455(a)(1); 192.455(a)(2); 192.455(b))	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
6. Conversion to Service - Pipe Withou after July 31, 1971 that has been converted to gas service was nadequate documentation why such a coating was not necessary (TD.COAT.CONVERTPIPENOCOAT.R) (detail)	not installed	with an e.	xternal protect	tive coating		
192.491(c) (192.452(a); 192.455(b))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
7. New Buried Pipe Coating Installation inspection and installation of protective coatings on pipe? (TD.Co. 192.605(b)(2) (192.461(c); 192.461(d); 192.461(e); 192.483(a))					N A	n the
Notes						
8. New Buried Pipe Coating Installation coating has been installed and inspected adequately? (TD.COAT.				that each ex	cternal pro	otective
192.491(c) (192.461(c); 192.461(d); 192.461(e); 192.483(a))	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
9. New Buried Pipe Coating Installation the requirements of external corrosion control protective coating					that coatii	ng meet.
192.491(c) (192.461(a); 192.461(b))	Sat+	Sat	Concern		NA	N C
Notes						

192.605(b)(2) (192.459)	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
11. Exposed Pipe Coating (		that exp	osed buried pi	pe coating v	was inspec	ted to
etermine if it is deteriorating? (TD.COAT.EXPOS	, ,					
92.491(c) (192.459)	Sat+	Sat	Concern	Unsat	NA	N C
lotes						
<b>12. Exposed Pipe Coating (</b> deteriorating? (TD.COAT.EXPOSEINSPECT.O) (deteriorating?		pipe coatii	ng inspected to	o determine	if it is	
92.459	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
13. Exposed Pipe Coating R	epair (detail) Does the	process r	equire that de	teriorated c	oating be	repaire
then found on exposed buried pipe? (TD.COAT.	EXPOSEREPAIR.P) (detail)					
92.605(b)(2) (192.455(a))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
		_	_		_	
ime-Dependent Threats	- External Cor	rosio	n - Expo	osed P	ipe	
-			-		-	
1. Examination of Exposed	Portions of Buried P	ipe (de	tail) Does th	ne process r	equire tha	rt expos
Time-Dependent Threats  1. Examination of Exposed Portions of buried pipeline must be examined for 92.605(b)(2) (192.459)	Portions of Buried P	ipe (de	tail) Does th	ne process r	equire tha	t expos

Notes

192.605(b)(2) (192.459)					B1 4	
	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
3. Examination of Exposed Portions					quately do	cument
that exposed buried piping was examined for corrosion? (TD.C 192.491(c) (192.459)	Sat+	Sat	Concern	m) Unsat	N A	NC
.92.491(c) (192.499)	Juti	Jut	Concern	Olisac	1171	
Notes						
<b>4. Examination of Exposed Portions</b> (corrosion? (TD.CPEXPOSED.EXPOSEINSPECT.O) (detail)	of Buried P	ipe (de	etail) Is expo	sed buried	piping exa	mined
192.459	Sat+	Sat	Concern	Unsat	N A	N C
Notes				'		
5. Evaluation of Externally Corroded personnel to evaluate the remaining strength of externally cor						e for
personnel to evaluate the remaining strength of externally cor						e for
personnel to evaluate the remaining strength of externally cor	roded pipe? (T	D.CPEXPO	SED.EXTCOR	RODEEVAL.F	P) (detail)	
5. Evaluation of Externally Corroded personnel to evaluate the remaining strength of externally con 192.605(b)(2) (192.485(a); 192.485(b); 192.485(c))  Notes	roded pipe? (T	D.CPEXPO	SED.EXTCOR	RODEEVAL.F	P) (detail)	
personnel to evaluate the remaining strength of externally con 192.605(b)(2) (192.485(a); 192.485(b); 192.485(c))	roded pipe? (T	D.CPEXPO	SED.EXTCOR	RODEEVAL.F	P) (detail)	
personnel to evaluate the remaining strength of externally con 192.605(b)(2) (192.485(a); 192.485(b); 192.485(c))	roded pipe? (T	D.CPEXPO	SED.EXTCOR	RODEEVAL.F	P) (detail)	
personnel to evaluate the remaining strength of externally con 192.605(b)(2) (192.485(a); 192.485(b); 192.485(c))  Notes	roded pipe? (T	Sat	Concern	Unsat	P) (detail) NA	NC
Decreonnel to evaluate the remaining strength of externally continued by the strength of external to the strength	Sat+ Pipe (conf	Sat	Concern	Unsat	P) (detail) NA	NC
Dersonnel to evaluate the remaining strength of externally considerable (192.605(b)(2) (192.485(a); 192.485(b); 192.485(c))  Notes  6. Evaluation of Externally Corroded externally corroded pipe? (TD.CPEXPOSED.EXTCORRODEEVAL	Sat+ Pipe (conf	Sat	Concern	Unsat	P) (detail) NA	NC
personnel to evaluate the remaining strength of externally con 192.605(b)(2) (192.485(a); 192.485(b); 192.485(c))  Notes	Pipe (confiR) (confirm)	Sat	Concern  Orecords documents	Unsat Unsat	P) (detail)  NA	N C
Dersonnel to evaluate the remaining strength of externally considerable (192.605(b)(2) (192.485(a); 192.485(b); 192.485(c))  Notes  6. Evaluation of Externally Corroded externally corroded pipe? (TD.CPEXPOSED.EXTCORRODEEVAL	Pipe (confiR) (confirm)	Sat	Concern  Orecords documents	Unsat Unsat	P) (detail)  NA	N C

192.605(b)(2) (192.485(a); 192.485(b); 192.485(c))	Sat+	Sat	Concern	Unsat	NA	NC
V/V						
Notes	'		<u>'</u>			
8. Repair of Externally Corroded In the state of the stat						nent of
.92.491(c) (192.485(a); 192.485(b); 192.485(c))	Sat+	Sat	Concern	Unsat	N A	NC
	Sil) Dans the sure			in the first	46	
9. Corrosion Control Records (deta		ess includ	e records requ	irements fo	r the corr	osion
9. Corrosion Control Records (deta		ess includ	e records requ		n the corre	osion N C
control activities listed in 192.491? (TD.CPEXPOSED.RECC	PRDS.P) (detail)	ı				T
9. Corrosion Control Records (detacontrol activities listed in 192.491? (TD.CPEXPOSED.RECOLD 192.605(b)(2) (192.491(a); 192.491(b); 192.491(c))  Notes  10. Corrosion Control Records (detaction of the Control Records) (detail)	Sat+	Sat	Concern	Unsat	NA	NC
9. Corrosion Control Records (detacontrol activities listed in 192.491? (TD.CPEXPOSED.RECOLD 192.605(b)(2) (192.491(a); 192.491(b); 192.491(c))  Notes  10. Corrosion Control Records (detaction of the Control Records) (detail)	Sat+	Sat	Concern	Unsat	NA	NC
9. Corrosion Control Records (detacontrol activities listed in 192.491? (TD.CPEXPOSED.RECO192.605(b)(2) (192.491(a); 192.491(b); 192.491(c))  Notes	Sat+ tail) Do records in	Sat	Concern  e location of a	Unsat	<b>N A</b> ed in 192.	N C

# **Time-Dependent Threats - Internal Corrosion - Preventive Measures**

corrosion? (TD.ICP.CORRGAS.P) (detail)	C-+ :	C - 1	Concour	Ilmest	NI A	N.C
192.605(b)(2) (192.475(a))	Sat+	Sat	Concern	Unsat	NA	NC
Notes		l				
<b>2. Internal Corrosion (conf</b> including the investigation of the corrosive efficorrosion? (TD.ICP.CORRGAS.R) (confirm)						
192.491(c) (192.475(a))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
<b>3. Internal Corrosion Corr</b> transportation of corrosive gas, is guidance pr					illow the	
<b>3. Internal Corrosion Corr</b> transportation of corrosive gas, is guidance pr (TD.ICP.CORRGASPRVNT.P) (detail)					N A	NC
<b>3. Internal Corrosion Corr</b> transportation of corrosive gas, is guidance pr (TD.ICP.CORRGASPRVNT.P) (detail)	ovided how the transportation	of corrosi	ve gas will be	prevented?		N C
3. Internal Corrosion Correspondence of corrosive gas, is guidance pro (TD.ICP.CORRGASPRVNT.P) (detail) 192.605(b)(2) (192.475(a))  Notes  4. Internal Corrosion Correspondence of the correspondence	Sat+  osive Gas Prevention	Sat (detail)	Concern  If the transpo	Unsat  Unsat	<b>NA</b>	uas is no
3. Internal Corrosion Correspondent and the second stransportation of corrosive gas, is guidance produced from the second stransportation of corrosion Correspondent actions to the second stransport allowed, then do records document actions to the second stransport allowed, then do records document actions to the second stransport action stransport actions to the second stransport action actions to the second stransport actions to the second stransport actions actions to the second stransport actions ac	Sat+  osive Gas Prevention	Sat (detail)	Concern  If the transpo	Unsat  Unsat	<b>NA</b>	uas is no
3. Internal Corrosion Correspondent and the second stransportation of corrosive gas, is guidance produced from the second stransportation of corrosion Correspondent actions to the second stransport allowed, then do records document actions to the second stransport allowed, then do records document actions to the second stransport action stransport actions to the second stransport action actions to the second stransport actions to the second stransport actions actions to the second stransport actions ac	Sat+  Osive Gas Prevention  Sen to prevent the transportation	Sat  (detail) on of corr	Concern  If the transposive gas? (TE	Unsat  Unsat  Ortation of Co.ICP.CORRO	<b>N A</b> orrosive g  GASPRVNT	as is no
3. Internal Corrosion Corr transportation of corrosive gas, is guidance pr (TD.ICP.CORRGASPRVNT.P) (detail) 192.605(b)(2) (192.475(a)) Notes	Sat+  Osive Gas Prevention  Sen to prevent the transportation	Sat  (detail) on of corr	Concern  If the transposive gas? (TE	Unsat  Unsat  Ortation of Co.ICP.CORRO	<b>N A</b> orrosive g  GASPRVNT	uas is i

192.475(a)	Sat+	Sat	Concern	Unsat	NA	N C
· · ·						
Notes	I					
6. Internal Corrosion Corrosiv	e Gas Actions (det	t <b>ail)</b> Doe	es the process	give adequa	ate directi	on for
actions to be taken if corrosive gas is being transpo			1			
92.605(b)(2) (192.477)	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
<b>7. Internal Corrosion Corrosiv</b> orrosive gas is being transported by pipeline? (TD.				ument the a	actions tai	ken whe
orrosive gas is being transported by pipeline: (1b.	ICP.CORRGASACTION.R)	(601111111)				
	Sat+	Sat	Concern	Unsat	NA	N C
				Unsat	NA	N C
92.491(c) (192.477)				Unsat	N A	N C
92.491(c) (192.477)				Unsat	NA	N C
.92.491(c) (192.477)				Unsat	N A	N C
92.491(c) (192.477)				Unsat	NA	NC
92.491(c) (192.477)  Notes  8. Internal Corrosion Corrosiv	Sat+	Sat	Concern			
92.491(c) (192.477)  Notes  8. Internal Corrosion Corrosiv as is being transported by pipeline? (TD.ICP.CORR	Sat+	Sat	Concern			
92.491(c) (192.477)  Notes  8. Internal Corrosion Corrosiv as is being transported by pipeline? (TD.ICP.CORR	re Gas Actions (cor GASACTION.O) (confirm)	Sat	Concern  Are adequate a	ctions taker	n when co	orrosive
92.491(c) (192.477)  Notes  8. Internal Corrosion Corrosives is being transported by pipeline? (TD.ICP.CORR 92.477	re Gas Actions (cor GASACTION.O) (confirm)	Sat	Concern  Are adequate a	ctions taker	n when co	orrosive
.92.491(c) (192.477)  Notes	re Gas Actions (cor GASACTION.O) (confirm)	Sat	Concern  Are adequate a	ctions taker	n when co	orrosive
.92.491(c) (192.477)  Notes  8. Internal Corrosion Corrosiv las is being transported by pipeline? (TD.ICP.CORR .92.477	re Gas Actions (cor GASACTION.O) (confirm)	Sat	Concern  Are adequate a	ctions taker	n when co	orrosive
92.491(c) (192.477)  Notes  8. Internal Corrosion Corrosiv as is being transported by pipeline? (TD.ICP.CORR 92.477	re Gas Actions (cor GASACTION.O) (confirm)	Sat	Concern  Are adequate a	ctions taker	n when co	orrosive
92.491(c) (192.477)  Notes  8. Internal Corrosion Corrosives is being transported by pipeline? (TD.ICP.CORR 92.477	Sat+  Sat+  Sat+  Sat+  Sat+  Sat+  Sat+	nfirm) /	Concern  Are adequate a	Unsat	n when co	nrosive N C
92.491(c) (192.477)  Notes  8. Internal Corrosion Corrosiv as is being transported by pipeline? (TD.ICP.CORR 92.477  Notes  9. Internal Corrosion in Removipe for evidence of internal corrosion? (TD.ICP.EXA	Sat+  Sat+  Sat+  Sat+  Sat+  Sat+  Sat+	nfirm) /	Concern  Are adequate a	Unsat	n when co	nrosive N C
92.491(c) (192.477)  Notes  8. Internal Corrosion Corrosiv as is being transported by pipeline? (TD.ICP.CORR 92.477  Notes  9. Internal Corrosion in Remove	Sat+  Te Gas Actions (cor GASACTION.O) (confirm)  Sat+  Ted Pipe (detail) Do AMINE.P) (detail)	Sat  Sat  Sat	Concern  Are adequate a  Concern	Unsat	n when co	nrosive N C

92.491(c) (192.475(a); 192.475(b))	Sat+	Sat	Concern	Unsat	NA	NC
JJ_(e) (_JJ(e))				0.1104.0		
lotes	l			l I		
11. Internal Corrosion in Remove prrosion? (TD.ICP.EXAMINE.O) (detail)	ed Pipe (detail)	s remove	d pipe examin	ed for evide	ence of int	ernal
92.475(a) (192.475(b))	Sat+	Sat	Concern	Unsat	NA	N C
lotes						
12. Evaluation of Internally Corr						for
ersonnel to evaluate the remaining strength of pipe t	hat has been internally	corrodea	/? (TD.ICP.EVA	LUATE.P) (d	detail)	1
ersonnel to evaluate the remaining strength of pipe to 92.605(b)(2) (192.485(c))				LUATE.P) (d		for N C
ersonnel to evaluate the remaining strength of pipe to 92.605(b)(2) (192.485(c))  Notes  13. Evaluation of Internally Corre	Sat+	Sat	Concern	Unsat	detail)  N A	N C
Presented to evaluate the remaining strength of pipe to 192.605(b)(2) (192.485(c))  Notes  13. Evaluation of Internally Correcternally corroded pipe? (TD.ICP.EVALUATE.R) (confirence ternally corroded pipe?)	Sat+	Sat	Concern	Unsat	detail)  N A	N C
ersonnel to evaluate the remaining strength of pipe to 92.605(b)(2) (192.485(c))  Notes	Sat+  oded Pipe (confi	corroded Sat	Concern  records docum	Unsat  Unsat	N A  Nete evaluate	N C
Position of Internally Correcternally corroded pipe? (TD.ICP.EVALUATE.R) (confirmation of Internally confirmation of Internal Int	Sat+  oded Pipe (confi	corroded Sat	Concern  records docum	Unsat  Unsat	N A  Nete evaluate	N C
Pseconnel to evaluate the remaining strength of pipe to 192.605(b)(2) (192.485(c))  Notes  13. Evaluation of Internally Correcternally corroded pipe? (TD.ICP.EVALUATE.R) (confired 192.491(c) (192.485(c))	oded Pipe (confi	rm) Do Sat	Concern  Concern  Concern	unsat  unsat  unsat  unsat	n A  N A  N A	n C

192.485(a) (192.485(b))  Notes	Sat+	Sat	Concern	Unsat	NA	l NC
Notes						
<b>16. Bottle Type and Pipe Type Holde</b> nan 0.25 grain of hydrogen sulfide per 100 standard cubic i ipe-type or bottle-type holders? (TD.ICP.PIPEBOTTLE.P) (d	feet (5.8 milligrar					
92.605(b)(2) (192.475(c))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
1. Special Permit (detail) Has a process of conditions? (TD.SP.CONDITIONS.P) (detail) 90.341(d)(2)			Concern	ing with the	special p	ermit
50.341(u)(2)						N C
						NC
Notes  2. Special Permit (detail) Do records den  TD.SP.CONDITIONS.R) (detail)	าonstrate compli	ance with	all special per	mit or waive	er require	
Notes  2. Special Permit (detail) Do records den	nonstrate complia	ance with	all special per	mit or waive	er require N A	
2. Special Permit (detail) Do records den						ments?

90.341(d)(2)	Sat+	Sat	Concern	Unsat	NA	N C
otes						
ime-Dependent Threats	s - Stress Corro	sion	Crackin	g		
1 000 am 1104 Coations (date	-:I)		,			
1. SCC on HCA Sections (detailuate stress corrosion cracking threats to each					з іаептіту а	ana
2.911(c) (192.917(a)(1))	Sat+	Sat	Concern	Unsat	NA	N C
otes						
2. SCC on HCA Sections (con						udies t
entify and evaluate stress corrosion cracking t	hreats to each covered pipeli	ne segme	nt? (TD.SCC.S	CCIM.R) (c	onfirm)	1
entify and evaluate stress corrosion cracking t						rudies t
entify and evaluate stress corrosion cracking t 2.947(d) (192.917(a)(1))	hreats to each covered pipeli	ne segme	nt? (TD.SCC.S	CCIM.R) (c	onfirm)	
entify and evaluate stress corrosion cracking t 2.947(d) (192.917(a)(1))	hreats to each covered pipeli	ne segme	nt? (TD.SCC.S	CCIM.R) (c	onfirm)	
entify and evaluate stress corrosion cracking t 2.947(d) (192.917(a)(1))	hreats to each covered pipeli	ne segme	nt? (TD.SCC.S	CCIM.R) (c	onfirm)	1
entify and evaluate stress corrosion cracking t 2.947(d) (192.917(a)(1))	hreats to each covered pipeli	ne segme	nt? (TD.SCC.S	CCIM.R) (c	onfirm)	1
2. SCC on HCA Sections (con entify and evaluate stress corrosion cracking to 2.947(d) (192.917(a)(1))	hreats to each covered pipeli	ne segme	nt? (TD.SCC.S	CCIM.R) (c	onfirm)	1
entify and evaluate stress corrosion cracking to the stress (2.947(d) (192.917(a)(1)) to tes	shreats to each covered pipeli Sat+	ne segme Sat	cnt? (TD.SCC.S	Unsat	N A	1
entify and evaluate stress corrosion cracking to 2.947(d) (192.917(a)(1))  otes  3. Remediation of SCC (deta	Sat+  Do records document th	ne segme Sat	cnt? (TD.SCC.S	Unsat	N A	1
entify and evaluate stress corrosion cracking to 2.947(d) (192.917(a)(1))  otes	Sat+  ail) Do records document the etail)	ne segme Sat  at the ope	Concern  Concern	Unsat  Derly remediate	N A	N C
and evaluate stress corrosion cracking to 2.947(d) (192.917(a)(1))  otes  3. Remediation of SCC (detacurrences of SCC? (TD.SCC.SCCREPAIR.R) (detacurrences of SCC)	Sat+  Do records document th	ne segme Sat	cnt? (TD.SCC.S	Unsat	N A	
antify and evaluate stress corrosion cracking to 2.947(d) (192.917(a)(1))  otes  3. Remediation of SCC (detacurrences of SCC? (TD.SCC.SCCREPAIR.R) (detacurrences of SCC)	Sat+  ail) Do records document the etail)	ne segme Sat  at the ope	Concern  Concern	Unsat  Derly remediate	N A	N C

### **Training and Qualification - OQ Protocol 9**

92.801(a) (192.809(a))	Sat+	Sat	Concern	Unsat	NA	l NO
Notes						
<b>2. Qualification Status (detail)</b> (present asks are currently qualified to perform the covered tasks. (TQ					bserved c	overed
92.801(a) (192.809(a))	Sat+	Sat	Concern	Unsat	NA	N
Notes						
3. Abnormal Operating Condition Reco					ted above	) Verif
ΓQ.PROT9.AOCRECOG.O) (detail)			_			
92.801(a) (192.809(a))	Sat+	Sat	Concern	Unsat	NA	N (
Notes  4. Verification of Qualification (detail)  nsure the personal identification of all individuals performing of						rent, a
TQ.PROT9.VERIFYQUAL.O) (detail)	covered tasks	are cireen	cu, prior to tu	эк ретотпа		
	Sat+	Sat	Concern	Unsat	NA	NO
92.801(a) (192.809(a))						
92.801(a) (192.809(a))  Notes						
					identified	
Notes  5. Program Inspection Deficiencies (d					identified N A	

1. Covered Task Performance (detail) (presented above) Verify the qualified individuals performed the

## **Training and Qualification - Operator Qualification**

192.805(a) (192.801(b))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
2. Reevaluation Intervals for Covered T requirements for reevaluation intervals for each covered task? (1				establish a	nd justify	
192.805(g)	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
3. Contractors Adhering to OQ Plan (de					be comm	nunicate
o contractors and ensure that contractors are following the plan	? (TQ.OQ.O	QPLANCO	NTRACTOR.P)	(detail)		T
o contractors and ensure that contractors are following the plan				(detail)	be comm	nunicate N C
o contractors and ensure that contractors are following the plan	? (TQ.OQ.O	QPLANCO	NTRACTOR.P)	(detail)		T
to contractors and ensure that contractors are following the plan	? (TQ.OQ.O	QPLANCO	NTRACTOR.P)	(detail)		T
to contractors and ensure that contractors are following the plan 192.805(b) (192.805(f); 192.805(c))	? (TQ.OQ.O	QPLANCO	NTRACTOR.P)	(detail)		T
to contractors and ensure that contractors are following the plan 192.805(b) (192.805(f); 192.805(c))	? (TQ.OQ.O	QPLANCO	NTRACTOR.P)	(detail)		T
to contractors and ensure that contractors are following the plan 192.805(b) (192.805(f); 192.805(c))  Notes	? (TQ.OQ.OG	QPLANCO Sat	Concern	(detail) Unsat	NA	T
Notes  4. Contractor and Other Entity Qualificators are of the plant o	Sat+	QPLANCO Sat	Concern  es the process	(detail)  Unsat	N A	N C
Notes  4. Contractor and Other Entity Qualificating and other entities that perform covered tasks on believed.	Sat+	Sat  tail) Does perator to	Concern  Concern  es the process be qualified?	require con	N A  tractor CONTRACT	N C
o contractors and ensure that contractors are following the plan .92.805(b) (192.805(f); 192.805(c))  Notes  4. Contractor and Other Entity Qualificating and particular and perform covered tasks on below the contractor and covered tasks on the contractor and covered tasks on the covered tasks on the contractor and covered tasks on the covered	Sat+	QPLANCO Sat	Concern  es the process	(detail)  Unsat	N A	N C
o contractors and ensure that contractors are following the plant 192.805(b) (192.805(f); 192.805(c))  Notes  4. Contractor and Other Entity Qualificating anizations or other entities that perform covered tasks on believed the perform to the plant	Sat+	Sat  tail) Does perator to	Concern  Concern  es the process be qualified?	require con	N A  tractor CONTRACT	N C
o contractors and ensure that contractors are following the plan 92.805(b) (192.805(f); 192.805(c))  Notes  4. Contractor and Other Entity Qualifical organizations or other entities that perform covered tasks on believed	Sat+	Sat  tail) Does perator to	Concern  Concern  es the process be qualified?	require con	N A  tractor CONTRACT	N C

consistent with those used by operator employees ar		, -	_		NI A	N.C
92.805(h)	Sat+	Sat	Concern	Unsat	NA	NC
lotes						
6. Contractor and Other Entity ontractor personnel qualifications that contain the re					ntained fo	r
92.807(a) (192.807(b))	Sat+	Sat	Concern		NA	N C
lotes						
7 Management of Other Entitie	s Porforming Co	ored T	acke /data	ii) Da **a	rdo do a ···	nant
7. Management of Other Entities valuation of the other entity (ies) performing covered greements) prior to performing task? (TQ.OQ.OTHE 92.805(b) (192.805(c); 192.803)	ed task(s) on behalf of t					nent N C
valuation of the other entity (ies) performing coveregreements) prior to performing task? (TQ.OQ.OTHE 92.805(b) (192.805(c); 192.803)	ed task(s) on behalf of to RENTITY.R) (detail)	he operato	or (e.g., throu	gh <sup>*</sup> mutual a	ssistance	
valuation of the other entity (ies) performing covere greements) prior to performing task? (TQ.OQ.OTHE	ed task(s) on behalf of the RENTITY.R) (detail)  Sat+	Sat	Concern	Unsat	N A	N C
Valuation of the other entity (ies) performing coveregreements) prior to performing task? (TQ.OQ.OTHE 92.805(b) (192.805(c); 192.803)  Notes  8. Evaluation Methods (detail)	ed task(s) on behalf of the RENTITY.R) (detail)  Sat+	Sat	Concern	Unsat Unsat	N A	N C
Valuation of the other entity (ies) performing covered greements) prior to performing task? (TQ.OQ.OTHE 92.805(b) (192.805(c); 192.803)  Notes  8. Evaluation Methods (detail) appreciately provided task? (TQ.OQ.EVALMETHOD.P) (detail)	Are evaluation methods	Sat establishe	Concern  Concern	Unsat Unsat	N A  priate to e	N C
Aluation of the other entity (ies) performing covered greements) prior to performing task? (TQ.OQ.OTHE 92.805(b) (192.805(c); 192.803)  Alotes  8. Evaluation Methods (detail) overed task? (TQ.OQ.EVALMETHOD.P) (detail) 92.805(b) (192.803; 192.809(d); 192.809(e))	Are evaluation methods  Sat+  Do records indicate e	establishe  Sat  valuation	Concern  ed and docume  Concern  methods are concern	Unsat Unsat Unsat Unsat	priate to 6	each NC

purpose of qualifying individuals? (TQ.OQ.ABNORMAL.P) (detail)			provisions for	communica	ung AUCS	TOT LITE
.92.803	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
11. Abnormal Operating Conditions (detector) ecognition and reaction to AOCs? (TQ.OQ.ABNORMAL.R) (detail)	ail) Do red	cords docu	ument evaluati	ion of qualif	ied individ	uals for
92.807(a) (192.807(b); 192.803)	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
12. Qualification Records for Personnel For Jocument the evaluation and qualifications of individuals perform performing covered tasks be verified? (TQ.OQ.RECORDS.R) (confidence)	ing covered					
92.807	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
13. Planning for Mergers and Acquisition Individuals) (confirm) Does the process adequately man	nage qualific	cations of	individuals pe			rs during
13. Planning for Mergers and Acquisition (individuals) (confirm) Does the process adequately man program integration following a merger or acquisition? (TQ.OQ.M.)	nage qualific ERGERACQ.	cations of .P) (confir	individuals per m)	rforming co	vered task	1
13. Planning for Mergers and Acquisition	nage qualific	cations of	individuals pe	rforming co		s durin
13. Planning for Mergers and Acquisition (Individuals) (confirm) Does the process adequately man program integration following a merger or acquisition? (TQ.OQ.M.92.805(b) (192.803)  Notes  14. Training Requirements (Initial, Retraining and reevaluation provide for initial qualification, retraining and reevaluation.	nage qualifice ERGERACQ. Sat+	cations of P) (confir Sat	individuals perm)  Concern	Unsat (detail)	N A  Does the	N C
13. Planning for Mergers and Acquisition (ndividuals) (confirm) Does the process adequately managed integration following a merger or acquisition? (TQ.OQ.M. 92.805(b) (192.803)  Notes  14. Training Requirements (Initial, Retrainogram provide for initial qualification, retraining and reevaluation detail)	sage qualifices ERGERACQ.  Sat+  aining, a on of individ	rations of P) (confir Sat	valuation) orming covered	Unsat  (detail) d tasks? (To	NA  Does the Q.OQ.TRAI	OQ NING.F
13. Planning for Mergers and Acquisition (ndividuals) (confirm) Does the process adequately man program integration following a merger or acquisition? (TQ.OQ.M. 92.805(b) (192.803)  Notes  14. Training Requirements (Initial, Retraining and reevaluation provide for initial qualification, retraining and reevaluation.	nage qualifice ERGERACQ. Sat+	cations of P) (confir Sat	individuals perm)  Concern	Unsat (detail)	N A  Does the	N C

.l92.807(a) (192.807(b); 192.805(h))	Sat+	Sat	Concern	Unsat	NA	N C
Notes	'		'	'		
<b>16. Covered Task Performed by Non-</b> on-qualified individuals to perform covered tasks while bein estrictions and limitations placed on such activities? (TQ.OQ	ng directed and o	bserved b	y a qualified ii			
92.805(c)	Sat+	Sat	Concern	Unsat	N A	N C
Notes						
47 Barran I Barran Maritani	/ d . t . !!\ .					
17. Personnel Performance Monitorial dividual if there is reason to believe the individual is no lone erformance by an individual contributed to an incident or acceptance.	ger qualified to	perform a	covered task	based on: c	overed ta	sk
TQ.OQ.PERFMONITOR.P) (detail)	Sat+	Sat	Concern	Unsat	N A	N C
TQ.OQ.PERFMONITOR.P) (detail) 92.805(d) (192.805(e))	Sat+	Sat	Concern	Unsat	N A	N C
FQ.OQ.PERFMONITOR.P) (detail) 92.805(d) (192.805(e))	Sat+	Sat	Concern	Unsat	N A	N C
TQ.OQ.PERFMONITOR.P) (detail) 92.805(d) (192.805(e))  Notes	Sat+	Sat	Concern	Unsat	NA	N C
TQ.OQ.PERFMONITOR.P) (detail) 92.805(d) (192.805(e))	Sat+	Sat	Concern	Unsat	NA	NC
TQ.OQ.PERFMONITOR.P) (detail) 92.805(d) (192.805(e))  Notes  18. Personnel Performance Monitorial eason to believe that an individual contributed to the cause,	ng (detail) 1	f the oper	ator had an in	cident/accid	dent where	e there
TQ.OQ.PERFMONITOR.P) (detail) 92.805(d) (192.805(e))  Notes  18. Personnel Performance Monitorial eason to believe that an individual contributed to the cause, eccurrence? (TQ.OQ.PERFMONITOR.R) (detail)	ng (detail) 1	f the oper	ator had an in	cident/accid	dent where	e there
TQ.OQ.PERFMONITOR.P) (detail) 92.805(d) (192.805(e))  Notes  18. Personnel Performance Monitorial eason to believe that an individual contributed to the cause, accurrence? (TQ.OQ.PERFMONITOR.R) (detail)	ng (detail) I	f the oper cate evalu	ator had an invation of the in	cident/accic dividual foll	dent where	e there
TQ.OQ.PERFMONITOR.P) (detail) 92.805(d) (192.805(e))  Notes  18. Personnel Performance Monitorial eason to believe that an individual contributed to the cause, occurrence? (TQ.OQ.PERFMONITOR.R) (detail) 92.805(d) (192.805(e))	ng (detail) I	f the oper cate evalu	ator had an invation of the in	cident/accic dividual foll	dent where	e there
TQ.OQ.PERFMONITOR.P) (detail) 92.805(d) (192.805(e))  Notes	ng (detail) I	f the oper cate evalu	ator had an invation of the in	cident/accic dividual foll	dent where	e there
TQ.OQ.PERFMONITOR.P) (detail) 92.805(d) (192.805(e))  Notes  18. Personnel Performance Monitorial eason to believe that an individual contributed to the cause, occurrence? (TQ.OQ.PERFMONITOR.R) (detail) 92.805(d) (192.805(e))	ng (detail) I	f the oper cate evalu	ator had an invation of the in	cident/accic dividual foll	dent where	e there
18. Personnel Performance Monitoria eason to believe that an individual contributed to the cause, ccurrence? (TQ.OQ.PERFMONITOR.R) (detail) 92.805(d) (192.805(e))  Notes  19. Operator Qualification Plan and C	ng (detail) I do records indic Sat+	f the oper cate evalu Sat	cator had an invation of the in  Concern  firm) (prese	cident/accid dividual foll <b>Unsat</b> nted above	dent where lowing the	e there
18. Personnel Performance Monitoria eason to believe that an individual contributed to the cause, ccurrence? (TQ.OQ.PERFMONITOR.R) (detail) 92.805(d) (192.805(e)) Notes  19. Operator Qualification Plan and Ce erforming covered tasks demonstrate adequate skills, know	ng (detail) I. do records indic Sat+	f the oper cate evalu Sat	cator had an invation of the in  Concern  firm) (prese Q.OQPLAN.O)	cident/accid dividual foll Unsat	dent where lowing the NA	e there NC
18. Personnel Performance Monitorial eason to believe that an individual contributed to the cause, ccurrence? (TQ.OQ.PERFMONITOR.R) (detail) 92.805(d) (192.805(e))  Notes  19. Operator Qualification Plan and Content of the content	ng (detail) I do records indic Sat+	f the oper cate evalu Sat	cator had an invation of the in  Concern  firm) (prese	cident/accid dividual foll <b>Unsat</b> nted above	dent where lowing the	e there
TQ.OQ.PERFMONITOR.P) (detail) 92.805(d) (192.805(e))  Notes  18. Personnel Performance Monitorial eason to believe that an individual contributed to the cause, ccurrence? (TQ.OQ.PERFMONITOR.R) (detail) 92.805(d) (192.805(e))  Notes	ng (detail) I. do records indic Sat+	f the oper cate evalu Sat	cator had an invation of the in  Concern  firm) (prese Q.OQPLAN.O)	cident/accid dividual foll Unsat	dent where lowing the NA	e there NC

102 00E/f)	C-+ ·	C - +	C = = = = = =		NI A	NI C
192.805(f)	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
<b>21. Notification of Significant Plan C</b> brogram changes to be identified and the Administrator or S						OQ
192.805(i)	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
<b>22. Records of OQ Program Changes</b> tasks and significant OQ plan changes? (TQ.OQ.CHANGEREC 192.805(i) (192.805(f))			concern	Unsat	that affect	t covere
Notes		I				
Training and Qualification - Qu	alificatio	n of l	Personr	nel - S	pecifi	ic
Training and Qualification - Qu Requirements						
Training and Qualification - Qu	fication (det	t <b>ail)</b> Doe	es the process	require cori		
Training and Qualification - Qu Requirements 1. Corrosion Control Personnel Quali	fication (det	t <b>ail)</b> Doe	es the process	require cori		

192.453 (192.807(a); 192.807(b))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
3. Qualification of Personnel Tapp	ina Pinelines u	ındar D	ressure (d	etail) Do	es the pro	cass
equire taps on a pipeline under pressure (hot taps) to b						
92.627 (192.805(b))	Sat+	Sat	Concern	Unsat	N A	N C
Notes						
4.0 115 11 5.0 1.7						
4. Qualification of Personnel Tapp ualification of personnel performing hot taps? (TQ.QU.H	o <b>ing Pipelines u</b> HOTTAPQUAL.R) (det	inaer P :ail)	ressure (a	etaii) Do	records in	dicate
92.627 (192.807(a); 192.807(b))	Sat+	Sat	Concern	Unsat	N A	N C
Notes	·					
5. Qualification of Personnel Tapp				etail) Do	personnel	1
performing hot taps demonstrate adequate skills and kno		_		Unsat	NI A	N.C
92.627 (192.805(h))	Sat+	Sat	Concern	Unsat	N A	NC
Notes						
10tes						
6. Qualification of Personnel who	Oversee and Pe	arform	Excavation	ne and R	ackfillir	ng.
6. Qualification of Personnel who						_
6. Qualification of Personnel who perations (detail) Does the process require indeperations be qualified? (TQ.QU.EXCAVATE.P) (detail)						_
<b>Operations (detail)</b> Does the process require indeperations be qualified? (TQ.QU.EXCAVATE.P) (detail)						ling
<b>Operations (detail)</b> Does the process require indi	ividuals who oversee	and perf	orm marking, i	trenching, a	nd backfill	_

#### 7. Qualification of Personnel who Oversee and Perform Excavations and Backfilling Operations (detail) Do records indicate qualification of individuals who oversee marking, trenching, and backfilling operations? (TQ.QU.EXCAVATE.R) (detail) 192.807(a) (192.807(b); ADB-06-01; 192.801; 192.328) Sat+ Sat Concern Unsat NΑ NC Notes 8. Qualification of Personnel who Oversee and Perform Excavations and Backfilling **Operations (detail)** Do individuals who oversee marking, trenching, and backfilling operations demonstrate adequate skills and knowledge? (TQ.QU.EXCAVATE.O) (detail) 192.805(b) (192.805(h); ADB-06-01; 192.801(a); 192.328(a); Sat+ Sat Concern Unsat NΑ NC 192.328(c)) Notes Training and Qualification - Qualification of Personnel - Specific Requirements (IM) 1. Qualification of Personnel for the Integrity Management Program (detail) Does the process require that operator/vendor personnel (including supervisors and persons responsible for preventive and mitigative measures), who review and evaluate results meet acceptable qualification standards? (TQ.QUIM.IMREVIEWQUAL.P) (detail) NΑ NC 192.915(a) (192.915(b); 192.915(c); 192.935(b)) Sat+ Sat Concern Unsat Notes 2. Qualification of Personnel for the Integrity Management Personnel (detail) Do records indicate adequate qualification of integrity management personnel? (TQ.QUIM.IMREVIEWQUAL.R) (detail) 192.947(e) (192.915(a); 192.915(b); 192.915(c); 192.935(b); NC Sat+ Sat Concern Unsat NΑ 192.947(d)) Notes

192.805(b) (ASME B31.8S-2004, Section 12.2(b)(4))						
192.003(b) (ASME BS1.03 2004, Section 12.2(b)(4))	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
Fraining and Qualification - Qualif	ficatio	n of l	Personr	nel - Si	necifi	C
Requirements (O and M Construct			CISOIII		peciii	C
•	-					
<ol> <li>Qualification of Welding Inspectors ( o be adequately qualified? (TQ.QUOMCONST.INSPECTOR.P) (det</li> </ol>	<b>detail)</b> [ ail)	oes the p	rocess require	welding ins	spection pe	ersonn
192.241(a) (192.241(c); 192.805(b); 192.328(a); 192.328(b))	Sat+	Sat	Concern	Unsat	N A	N C
Notes						
notes						
2 Qualification of Wolding Inchestors (	dotail\ [	)	indianta adam	wata awalifi	+i	
2. Qualification of Welding Inspectors (documentation for personnel who conduct welding inspections? (1)					cation	
documentation for personnel who conduct welding inspections? (1				etail)	n A	N C
documentation for personnel who conduct welding inspections? (1	Q.QUOMCO	ONST.INS	PECTOR.R) (de	etail)		N C
documentation for personnel who conduct welding inspections? (1	Q.QUOMCO	ONST.INS	PECTOR.R) (de	etail)		N C
documentation for personnel who conduct welding inspections? (1	Q.QUOMCO	ONST.INS	PECTOR.R) (de	etail)		N C
documentation for personnel who conduct welding inspections? (192.241(a) (192.241(c); 192.807(a); 192.807(b))  Notes	Sat+	Sat	Concern	Unsat	N A	
documentation for personnel who conduct welding inspections? (192.241(a) (192.241(c); 192.807(a); 192.807(b))  Notes  3. Qualification of Welders (detail) Does to	Sat+	Sat  require w	Concern  Celders to be q	Unsat	N A	
documentation for personnel who conduct welding inspections? (192.241(a) (192.241(c); 192.807(a); 192.807(b))  Notes	Sat+	Sat  require w	Concern  Celders to be q	Unsat	N A	
Accumentation for personnel who conduct welding inspections? (192.241(a) (192.241(c); 192.807(a); 192.807(b))  Notes  3. Qualification of Welders (detail) Does a 1104 or the ASME Boiler & Pressure Vessel Code? (TQ.QUOMCON	Sat+	Sat  require w R.P) (detail	Concern  Celders to be q	Unsat Unsat	N A	with A

92.227(b) (192.225(a); 192.225(b); 192.805(b))	Sat+	Sat	Concern	Unsat	NA	N C
52.227(8) (152.223(8)) 152.223(8))	0411	541		Jiidu	1171	
Notes						
<b>5. Qualification of Welders (detail)</b> Do red TQ.QUOMCONST.WELDER.R) (detail)	cords indica	te adequa	ate qualification	n of welders	5?	
92.227(a) (192.227(b); 192.229(a); 192.229(b); 192.229(c); 92.229(d); 192.328(a); 192.328(b); 192.807(a); 192.807(b))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
<b>6. Qualification of Welders (detail)</b> Do we	elders demo	onstrate ad	dequate skills a	and knowled	dge?	
92.227(a) (192.227(b); 192.229(a); 192.229(b); 192.229(c); 92.229(d); 192.805(h); 192.807(a); 192.328(a); 192.328(b))	Sat+	Sat	Concern	Unsat	N A	N C
lotes						
7. Qualification of Nondestructive Testing on the description of the d						ment?
92.243(b)(2) (192.803; 192.805(b); 192.328(a); 192.328(b))	Sat+	Sat	Concern	Unsat	N A	NC
Notes						
	g Perso	nnel (d	<b>etail)</b> Do red	cords indica	te the qua	lificati
<b>8. Qualification of Nondestructive Testin</b> for nondestructive testing personnel? (TQ.QUOMCONST.NDT.R) (d						
		Sat	Concern	Unsat	N A	N

	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
10. Qualification of Personnel Making	Joints in F	Plastic	Pipelines (	detail) [	oes the p	rocess
equire personnel making joints in plastic pipelines be qualified						
92.285(a) (192.285(d); 192.805(b))	Sat+	Sat	Concern	Unsat	NA	N C
Notes						
11. Qualification of Personnel Inspec	ting Joints	s in Pla	stic Pipelir	nes (deta	ail) Does	the
rocess require that persons who inspect joints in plastic pipes	be qualified?	(TQ.QUOI	MCONST.PLAS	TICINSPECT	ſ.P) (detai	l)
92.287 (192.805(b))	Sat+	Sat	Concern	Unsat	NA	N (
Notes						
	lainte in E	Plastic				indica
12. Qualification of Personnel Making			NICAMOONICE D	LACTIC D		
		es? (TQ.0	QUOMCONST.P	LASTIC.R)	(detail)	
dequate qualification of personnel making/inspecting joints in		es? (TQ.0	Concern	Unsat	(detail)  N A	N C
dequate qualification of personnel making/inspecting joints in	plastic pipelin		_			T
dequate qualification of personnel making/inspecting joints in 92.285(a) (192.285(d); 192.287; 192.807(a); 192.807(b))	plastic pipelin		_			T
dequate qualification of personnel making/inspecting joints in 92.285(a) (192.285(d); 192.287; 192.807(a); 192.807(b))	plastic pipelin		_			T
12. Qualification of Personnel Making dequate qualification of personnel making/inspecting joints in 92.285(a) (192.285(d); 192.287; 192.807(a); 192.807(b))  Notes	plastic pipelin		_			T
dequate qualification of personnel making/inspecting joints in 92.285(a) (192.285(d); 192.287; 192.807(a); 192.807(b))	plastic pipelin		_			T
dequate qualification of personnel making/inspecting joints in 92.285(a) (192.285(d); 192.287; 192.807(a); 192.807(b))  Notes	Sat+	Sat	Concern	Unsat	NA	NO
dequate qualification of personnel making/inspecting joints in 92.285(a) (192.285(d); 192.287; 192.807(a); 192.807(b))	Sat+  Joints in F	Sat	Concern Pipelines (	Unsat detail)	N A	<b>N</b> (
dequate qualification of personnel making/inspecting joints in 92.285(a) (192.285(d); 192.287; 192.807(a); 192.807(b))  Notes  13. Qualification of Personnel Making naking/inspecting joints in plastic pipelines demonstrate adeq	Sat+  Joints in F	Sat	Concern Pipelines (	Unsat detail)	N A	<b>N</b> (
dequate qualification of personnel making/inspecting joints in 92.285(a) (192.285(d); 192.287; 192.807(a); 192.807(b))  Notes  13. Qualification of Personnel Making	Sat+  Joints in Fuate skills and	Sat  Plastic   knowledge	Pipelines (	Unsat  detail) [ CONST.PLA	N A  Do personn STIC.O) (	N (
dequate qualification of personnel making/inspecting joints in 92.285(a) (192.285(d); 192.287; 192.807(a); 192.807(b))  Notes  13. Qualification of Personnel Making haking/inspecting joints in plastic pipelines demonstrate adeq	Sat+  Joints in Fuate skills and	Sat  Plastic   knowledge	Pipelines (	Unsat  detail) [ CONST.PLA	N A  Do personn STIC.O) (	N (

#### **Training and Qualification - Training of Personnel**

192.615(b)(2) (192.805(b))	Sat+	Sat	Concern	Unsat	NA	NC
Notes			·			
2. Emergency Response Trainir personnel? (TQ.TR.TRAINING.R) (detail)	ng (detail) Do record	s indicate	adequate trair	ning for eme	ergency re	esponse
192.615(b)(2) (192.807(a); 192.807(b))	Sat+	Sat	Concern	Unsat	NA	NC
Notes						
3. Emergency Response Trainir and knowledge? (TQ.TR.TRAINING.O) (detail)	ng (detail) Do emerg	ency resp	onse personne	l demonstra	ate adequ	ate skills
and knowledge? (TQ.TR.TRAINING.O) (detail)	ng (detail) Do emerg	ency resp	onse personne	unsat	ate adequ	n C
3. Emergency Response Trainir and knowledge? (TQ.TR.TRAINING.O) (detail) 192.615(b)(2) (192.805(b))  Notes		ı	·			1
and knowledge? (TQ.TR.TRAINING.O) (detail) 192.615(b)(2) (192.805(b))		ı	·			1
and knowledge? (TQ.TR.TRAINING.O) (detail)	Sat+	Sat	Concern	Unsat	NA	NC
And knowledge? (TQ.TR.TRAINING.O) (detail) 192.615(b)(2) (192.805(b))  Notes  4. Emergency Response Traini	Sat+	Sat	Concern	Unsat	NA	NC
And knowledge? (TQ.TR.TRAINING.O) (detail) 192.615(b)(2) (192.805(b))  Notes  4. Emergency Response Training the amergency response personnel performance? (TQ.T	ng Performance R	Sat Review detail)	Concern (detail) Do	<b>Unsat</b> es the proce	N A	N C

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