Add solid samples to the internal corrosion part of the form. A completed **Standard Inspection Report** is to be submitted to the Director within 60 days from completion of the inspection. A **Post Inspection Memorandum (PIM)** is to be completed and submitted to the Director within 30 days from the completion of the inspection, or series of inspections, and is to be filed as part of the **Standard Inspection Report**.

Inspection Report	Post Inspection Memorane	lum
Inspector/Submit Date:	Inspector/Submit Date: Peer Review/Date: Director Approval/Date:	
POST INSPECTION	N MEMORANDUM (PIM)	
Name of Operator:		OPID #:
Name of Unit(s):		Unit #(s):
Records Location:		
Unit Type & Commodity:		
Inspection Type:	Inspection Date(s):	
PHMSA	A	FO Days:
Representative(s):		

Summary:

Findings:

Name of Operator:			
OP ID No. ⁽¹⁾		Unit ID No. ⁽¹⁾	
HQ Address:		System/Unit Name & Addr	ress: ⁽¹⁾
Co. Official:		Activity Record ID No.:	
Phone No.:		Phone No.:	
Fax No.:		Fax No.:	
Emergency Phone No.:		Emergency Phone No.:	
Persons Interviewed	Т	Title	Phone No.
PHMSA Representative(s) ⁽¹⁾	Inspection I	Date(s) (1)	
Company System Maps (Copies for Reg	gion Files):		
Counties of Operation: (list each field	separately)		
Stone of Field(a) Descriptions (list of a	field compared alar)		
Storage Field(s) Description: (list each	neid separately)		
Inspection Summary:			

The attached evaluation form should be used in conjunction with 49CFR Parts 191 and 192.

¹ Information not required if included on page 1.

PIPE TYPE								
	Bare steel	Coated steel	Ineffectively Coated	Pre70-ERW	Plastic	Other: must specify type		
Footage/Mileage								
		PIPE	SPECIFICATION	IS (2" AND LARGE	CR)			
Diameter(s)								
Pipe Grade(s)								
Wall Thickness(s)								
Footage/Mileage								
WELL STIMULATION								

	ACI	DIZING	
Acidizing treatments used to stimulate the wells?	Yes	🗌 No	
Type(s) of acids used in treating the wells:			
Type(s) of inhibitors used with the acid(s):			
Frequency of the treatments:			Volume of acid per treatment:
Well cleanup procedure following treatment:			
If treatment is flowed back into the well/injection line, criteria used to determine that the treatment will not cause internal corrosion or erosion of the pipe:			
	FRAC	CTURING	
Fracturing treatments used to stimulate the wells?	Yes	🗌 No	
Type(s) of fracturing fluids used in treating the wells:			
Type(s) of inhibitors used with the fracturing fluid(s):			
Frequency of the treatments:			Amount of sand per treatment:
Well cleanup procedure following treatment:			
If treatment is flowed back into the well/injection line, criteria used to determine that the treatment will not cause internal corrosion or erosion of the pipe:			

GAS and LIQUID HANDLING FACILITIES			
GAS COM	IPRESSION		
Location of compressors:			
Number, Size (HP), and Date of Installation of Units:			
GAS DEH	YDRATION		
Location of dehydration units:			
Type(s) of dehydration process used:			
Number of dehydration units:	Dehydration capacity:		
GAS SWEETENING	G (Acid Gas Treating)		
Location of sweetening units:			
Type(s) of sweetening process used:			
Number of sweetening units:	Sweetening capacity:		
GAS / LIQUID	SEPARATION		
SCRUBBERS / SEPARATORS:			
Location of scrubbers/separators:			
Type(s) of scrubbers/separators used:			
Number of scrubbers/separators:	Separation capacity:		
DRIPS:			
Location of drips:			
Type(s) of drips used:			
Number of drips:			
Frequency of draining or blowing drips:			

FIELD OPERATING PARAMETERS									
PRESSURES, RATES and TEMPERATURES									
	Press	Fl	MMcf/day	Temperature, °F		ature, °F			
	Injection	Withdi	rawal	Injecti	on	Withdrawal	Injec	ction	Withdrawal
Maximum									
Maximum									
Maximum Allowable	Maximum Allowable Operating Pressure (Field):								
WATER, CO ₂ , and O ₂ CONTENT									
	Water, lbs./N	IMcf		CO ₂ ,		H ₂ S, ppm			O ₂ , %
Injection Cycle									
Withdrawal Cycle									
		FIELD O	PERATI	NG AND M	IAINTE	NANCE HISTORY	Y		
			LE	AKS (NON-]	RUPTU	RES)			
Are leak surveys of t	the field being conduct	cted? (49 CF	FR 192.706	5) 🗌 Yes		🗌 No			
Have any leaks been	found over the past :	5 years?		🗌 Yes		🗌 No	Number	of leaks:	
Types of leaks that h	ave occurred?								
Cause(s) of the leaks	Cause(s) of the leaks:								
Location(s) of the lea	aks:								
Has a trend analysis	been performed?			Yes	🗌 No)			
If a trend analysis ha	s been done, what do	the results i	ndicate?						
			I	FAILURE/R	UPTURI	ES			
Have any failures oc	curred over the past s	5 years?		Yes	🗌 No)	Number	of failures	:
Type(s) of failures the	hat have occurred:								
Cause(s) of the failur	res:								
Location(s) of the fa	ilures:								
Has a trend analysis	been performed?			Yes	🗌 No)			
If a trend analysis ha	s been done, what do	the results i	ndicate?						
LINE REPLACEMENTS									
Have any lines been	replaced over the pas	st 5 years?		Yes	🗌 No)	Number	of replace	ments:
Type(s) of replacement	ents:								
Location(s) of the re	placements:								
Reason(s) for replace	ements:								
LINE REPAIRS									

	FIELD OPERATING AND MAINTENANCE HISTORY					
Have any lines been repaired over the	e past 5 years?	Yes	🗌 No	Number	r of repairs:	
Type(s) of repairs:						
Location(s) of the repairs:						
Reason(s) for the repairs:						
		VALVE REP	PLACEMENTS			
Have any valves been replaced over t	the past 5 years?	Yes	🗌 No	Number	r of replacements:	
Type(s) of valve replacements:						
Location(s) of the replacements:						
Reason(s) for the replacements:						
	GAS and	LIQUID HAND	LING FACILITY	UPSETS		
	Gas Dehyd	lration Units	Gas Sweeter	ning Units	Separators	
Number of upsets – past 3 years						
Cause(s) of the upsets:						
Has a trend analysis been performed?	? 🗌 Ye	es 🗌 N	ło			
If a trend analysis has been done, what	at do the results ind	licate?				
	CORRC	SION CONTR	OL AND MONIT	ORING		
		EXTERNAL	CORROSION			
Are the field piping and related storage	ge field facilities ca	thodically protected	d? (49 CFR 192 Sub	part I) 🗌 Yes	🗌 No	
Type(s) of cathodic protection used:	In In	npressed Current	Ga	alvanic Anodes	Combination	
Criteria used to determine adequate c	athodic protection:					
Does the field piping system contain Location(s) of the bare or ineffective		tively coated pipe?	Ye	es 🗌 No		

Amount of bare of ineffect	ively coated pipe:				
Are corrosion monitoring	procedures establis	shed for the field pipi	ng and related storage field facilities?	Yes	🗌 No
MONITORING					
Pipe-to-soil readings	Yes	🗌 No	Exposed pipe reports	Yes	🗌 No
Close interval surveys	Yes	🗌 No	Leak surveys	Yes	🗌 No
Line current surveys	Yes	No No	Instrumented inspection surveys	Yes	No No
Remedial measures taken t	to mitigate corrosi	on:			

INTERNAL CORROSION						
Are corrosion monitoring p	procedures established	l for the field piping and rel	ated storage field facilities?		Yes	🗌 No
MONITORING						
Corrosion coupons Gas samples Water samples Solids samples	 Yes Yes Yes Yes 	□ No □ No □ No □ No	Pipe replacement reports sur Leak surveys Instrumental inspection surve		YesYesYes	□ No □ No □ No
CORROSION	COUPONS					
Frequency coupons are ana						
Location(s) where coupons	are installed:					
GAS SAMPLE	8					
Frequency of sampling:						
Location(s) where the samp	bles taken:					
Are the gas samples analyz	ed for:		Amount of the following pre	esent in the	e gas:	
Carbon dioxide (CO ₂)	Yes	🗌 No	Carbon dioxide (CO ₂)			
Hydrogen sulfide (H ₂ S)	Yes	🗌 No		_		
Oxygen (O ₂)	Yes	🗌 No	Hydrogen sulfide (H ₂ S)	_		
Water vapor	T Yes	□ No	Oxygen (O ₂)	_		
	_	_	Water vapor			
What carbon dioxide (CO ₂)) partial pressure crite	eria are used to establish car	bon dioxide (CO ₂) corrosivity	ranges?		
What is the carbon dioxide	(CO ₂) corrosivity ran	nges?				
What is the carbon dioxide	(CO ₂) partial pressu	e?				
WATER/LIQU	DS SAMPLES					
Frequency of sampling:						
Locations where the sample	es are taken:					
What constituents are the w	vater samples analyze	d for? (Refer to the Water	r Analysis Checklist)			
Concentration of the follow	ving present in water:		Amount of the following gas	ses dissolv	ed in the water:	
Iron	(Fe ⁺⁺)		Carbon dioxide	(CO ₂)		
Manganese	(Mn ⁺⁺)		Hydrogen sulfide	(H _s S)		
Chlorides	(Cl ⁻)		Oxygen	(O ₂)		
Sulfates	$(SO_4^{=})$					
Is the pH of the water below	w 6.8? Yes	□ No				
Is hydrostatic test water san	mpled for the presence	e of bacteria?	🗌 No			
Are liquids tested for evide	nce of excessive glyc	col in the pipeline, which if	deteriorated, could lower the p	H? 🗌 Y	Yes] No

INTERNAL CORROSION
SOLIDS SAMPLES (collected at pig receivers)
Frequency of sampling:
Locations where the samples taken:
Are solids observed and/or tested for the following components?
Iron Oxide Yes No Scales Yes No
Iron Sulfide Yes No Sand Yes No
Is the volume of solids increasing or decreasing between pig runs?
Comments:
INSTRUMENTED INSPECTION SURVEYS
Frequency surveys are conducted:
Lines that have been surveyed and when the survey was conducted:
INHIBITOR PROGRAM
Has a corrosion inhibitor program been established for the field piping and related storage field facilities?
When did the program start?
Type(s) of treatment method used: Batch Continuous
Type(s) of inhibitors used:
Are liquid samples periodically taken to test for residual corrosion inhibitor, to help determine effectiveness? 🗌 Yes
MAINTENANCE PIGGING (See also solids and water sampling, inhibitor sections)
Does operator have a maintenance pigging program designed to sweep the lines of sediments and/or scale?
Does operator adhere to the pigging program?
Comments:

CONTROLLING GAS VELOCITY - INTERNAL CORROSION AND EROSION						
Have target flow rates been determined for the field piping system?	Yes	D No				
Are injection/withdrawal flow rates kept within the targeted flow rates, to minimize sediment and water build-up, and to manage erosion?						
Has erosion been observed during replacement of components (lines, valves, fittings, etc.)?	Yes	s 🗌 No				
Locations where erosion has been found:						
Remedial measures taken to mitigate erosion:						

ATMOSPHERIC CORROSION		
Are corrosion monitoring procedures established for the field piping and related storage field facilities?	Yes	🗌 No
Location(s) where corrosion has been found:		
Remedial measures taken to mitigate corrosion:		

SAFETY DEVICES and SYSTEMS

SURFACE I	FACILITIES		
Has a system safety analysis of the field piping and related storage facilities	been performed:	Yes	🗌 No
Has a safety analysis function evaluation chart for the field piping and relate	ed storage field facilities been prepared?	Yes	🗌 No
PRESSURE SAFETY DEVICES:			
COMPRESSORS			
Is each compressor, per 49 CFR 192.169, equipped with pressure safety dev	ices for overpressure protection?	Yes	🗌 No
rimary Primary			
Secondary Secondary			
PRESSURE VESSELS			
Is the working pressure of each pressure vessel (dehydrator, scrubber, etc.) g	greater than the MAOP?	Yes	🗌 No
Is each pressure vessel equipped with pressure safety devices for overpressu	re protection?	Yes	🗌 No
Pressure protection provided by:	Location of pressure safety devices:		
Primary	Primary		
Secondary	Secondary		
HEADERS, LATERALS and WELL LINES			
Are the headers, laterals and well lines equipped with pressure safety device	s for overpressure protection?	Yes	🗌 No
Pressure protection provided by:	Location of pressure safety devices:		
Primary	Primary		

SURFACE F.	ACILITIES					
Secondary	Secondary					
GAS DETECTION SAFETY DEVICES:						
Is each compressor, per 49 CFR 192.736, building equipped with gas detection	on safety devices?		Yes	D No		
Are other buildings that contain gas handling equipment equipped with gas de	etection safety device	ces?	Yes	🗌 No		
Type(s) of gas detection safety devices: Combustible gas (L.E.L.)	Hydrogen Su	lfide (H ₂ S)	Other:			
Type(s) of alarms used to notify personnel to the presence of gas:	Audible	Combination				
FIRE DETECTION SAFETY DEVICES:						
Is each compressor building equipped with fire detection safety devices?			Yes	🗌 No		
Are other buildings that contain gas handling equipment equipped with fire d	DETECTION SAFETY DEVICES: compressor building equipped with fire detection safety devices? er buildings that contain gas handling equipment equipped with fire detection safety devices: of fire detection safety devices: ne Heat Heat Smoke er: of alarms used to notify personnel to the presence of fire: nal Audible					
Type(s) of fire detection safety devices: Image: Flame Image: Heat Image: Other: Smoke	🗌 Fu	sible Material				
Type(s) of alarms used to notify personnel to the presence of fire: Visual Audible Combination						
EMERGENCY SHUTDOWN SYSTEM:						
Is each compressor station, per 49 CFR 192.167, equipped with a remote con	trolled emergency s	hutdown system?	Yes	🗌 No		
Does the gas detection system activate the compressor station emergency shu	itdown system?		Yes	🗌 No		
Does the fire detection system activate the compressor station emergency shu	itdown system?		Yes	🗌 No		
WEL	TC					
		□ No				
Is each well equipped with a well storage safety valve?	Yes	_				
If not, are there plans to equip each well with a well storage safety valve?	Yes	No No				
Reasons why wells should not be equipped with well storage safety valve(s)?	•					

ADDITIONAL COMMENTS	

Constitu	ient		Operator for	Operator's	Constit		nt	Does O test f		Operator's
Constitu	iciit	Yes	No	"threshold"	Constru	uu	μι	Yes	No	"threshold"
Sodium	Na ⁺				Chloride		Cl			
Potassium	K^+				Sulfate		$SO_4^{=}$			
Calcium	Ca ⁺⁺				Carbonate		$\text{CO}_3^{=}$			
Magnesium	Mg ⁺⁺				Bicarbonate		HCO ₃ -			
Iron	Fe ⁺⁺				Hydroxide		OH			
Barium	Ba ⁺⁺				Dissolved Oxygen		O ₂			
Strontium	Sr ⁺⁺				Dissolved Carbon Dioxide		CO ₂			
Manganese	Mn ⁺⁺				Dissolved Hydrogen Sulfide		H ₂ S			

WATER ANALYSIS CHECKLISTS

Other	Does O test f	perator or	Operator's "threshold"	Other		perator or	Operator's "threshold"
	Yes	No	threshold		Yes	No	un esnoia
Acidity				Alkalinity			
рН				Salinity			
Total Dissolved Solids (TDS)				Acid-producing Bacteria			
Sulfate-reducing Bacteria							

Excessive values of the above-listed constituents and properties, dependent upon operating conditions and other factors that may be unique to the storage field, could indicate a corrosive condition in the pipeline.

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	PIPELINE INSPECTION (Field)	S	U	N/A	N/C
.143/(b)/.476	Design and construction of new and replaced transmission line and components.				
.179	Valve Protection from Tampering or Damage				
.463	Cathodic Protection				
.465	Rectifiers				
.479	Pipeline Components Exposed to the Atmosphere				
.605	Knowledge of Operating Personnel				
.707	ROW Markers, Road and Railroad Crossings				
.719	Pre-pressure Tested Pipe (Markings and Inventory)				
.739/.743	Pressure Limiting and Regulating Devices (spot-check field installed equipment vs. inspection records)				
.745	Valve Maintenance				
.751	Warning Signs				
.801809	Operator Qualification - Use PHMSA Form 15 Operator Qualification Field Inspection Protocol Form				

	COMPRESSOR STATIONS INSPECTION (Field) (Note: Facilities may be "Grandfathered")	S	U	N/A	N/C
.143/(b)/.476	Design and construction of new and replaced transmission line and components (excludes offshore or facilities installed or replaced before 05/23/07).				
.163 (c)	Main operating floor must have (at least) two (2) separate and unobstructed exits				
	Door latch must open from inside without a key				
	Doors must swing outward				
(d)	Each fence around a compressor station must have (at least) 2 gates or other facilities for emergency exit				
	Each gate located within 200 ft of any compressor plant building must open outward				
	When occupied, the door must be opened from the inside without a key				
(e)	Does the equipment and wiring within compressor stations conform to the National Electric Code , ANSI/NFPA 70 ?				
.165(a)	If applicable, are there liquid separator(s) on the intake to the compressors?				
.165(b)	Do the liquid separators have a manual means of removing liquids?				
	If slugs of liquid could be carried into the compressors, are there automatic dumps on the separators, Automatic compressor shutdown devices, or high liquid level alarms?				
.167(a)	ESD system must:				
	- Discharge blowdown gas to a safe location				
	- Block and blowdown the gas in the station				
	- Shut down gas compressing equipment, gas fires, electrical facilities in compressor building and near gas headers				
	 Maintain necessary electrical circuits for emergency lighting and circuits needed to protect equipment from damage 				
	ESD system must be operable from at least two locations, each of which is:				
	- Outside the gas area of the station				
	- Not more than 500 feet from the limits of the station				
	- ESD switches near emergency exits?				

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	COMPRESSOR STATIONS INSPECTION (Field)	S	TT	N/A	
	(Note: Facilities may be "Grandfathered")	3	U	N/A	.N/C
.167 (b)	For stations supplying gas directly to distribution systems, is the ESD system configured so that the LDC will not be shut down if the ESD is activated?				
.171(a)	Does the compressor station have adequate fire protection facilities? If fire pumps are used, they must not be affected by the ESD system.				
(b)	Do the compressor station prime movers (other than electrical movers) have over-speed shutdown?				
(c)	Do the compressor units alarm or shutdown in the event of inadequate cooling or lubrication of the unit(s)?				
(d)	Are the gas compressor units equipped to automatically stop fuel flow and vent the engine if the engine is stopped for any reason?				
(e)	Are the mufflers equipped with vents to vent any trapped gas?				
.173	Is each compressor station building adequately ventilated?				
.457	Is all buried piping cathodically protected?				
.481	Atmospheric corrosion of aboveground facilities				
.603	Does the operator have procedures for the start-up and shut-down of the station and/or compressor units?				
	Are facility maps current/up-to-date?				
.615	Emergency Plan for the station on site?				
.619	Review pressure recording charts and/or SCADA				
.707	Markers				
.731	Overpressure protection – reliefs or shutdowns				
.735	Are combustible materials in quantities exceeding normal daily usage, stored a safe distance from the compressor building?				
	Are aboveground oil or gasoline storage tanks protected in accordance with NFPA standard No. 30?				
.736	Gas detection – location				

	REPORTING PERFORMANCE AND RECORDS	S	U	N/A	N/C
191.5	Telephonic reports to NRC (800-424-8802)				
191.15	Written incident reports; supplemental incident reports (DOT Form PHMSA F 7100.2)				
191.17 (a)	Annual Report (DOT Form PHMSA F 7100.2-1)				
191.23	Safety related condition reports				
192.727 (g)	Abandoned facilities, onshore crossing commercially navigable waterways reports				

	CONSTRUCTION PERFORMANCE AND RECORDS	S	U	N/A	N/C
.225	Test Results to Qualify Welding Procedures				
.227	Welder Qualification				
.241 (a)	Visual Weld Inspector Training/Experience				
.243 (b)(2)	Nondestructive Technician Qualification				
(c)	NDT procedures				

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	CONSTRUCTION PERFORMANCE AND RECORDS	S	U	N/A	N/C
(f)	Total Number of Girth Welds				
(f)	Number of Welds Inspected by NDT				
(f)	Number of Welds Rejected				
(f)	Disposition of each Weld Rejected				
.303	Construction Specifications				
.325	Underground Clearance				
.327	Amount, Location, Cover of each Size of Pipe Installed				
.455	Cathodic Protection	1			

	OPE	RATIONS and MAINTENANCE PERF	ORMANCE AND RECORDS	S	U	N/A	N/(
.603(b)	.605(a)	Procedural Manual Review - Operations and	Maintenance (1 per yr/15 months)				
.603(b)	.605(c)	Abnormal Operations					
.603(b)	.605(b)(3)	Availability of construction records, maps, or	perating history to operating personnel				
.603(b)	.605(b)(8)	Periodic review of personnel work - effective	eness of normal O&M procedures				
.603(b)	.605(c)(4)	Periodic review of personnel work - effective	eness of abnormal operation procedures				
.709	.614	Damage Prevention (Miscellaneous)					
.709	.609	Class Location Study (If Applicable)					
.603(b)	.615(b)(1)	Location Specific Emergency Plan					
.603(b)	.615(b)(2)	Emergency Procedure training, verify effective	veness of training				Ī
.603(b)	.615(b)(3)	Employee Emergency activity review, determ	ine if procedures were followed.				Ī
.603(b)	.615(c)	Liaison Program with Public Officials					
.605(a)	.616	Public Awareness Program also in accordanc	e with API RP 1162				
		below: API RP 1162 Baseline* Recom					
	Stakeho	older Audience (Natural Gas Transmission Line Operators)	Baseline Message Frequency (starting from effective date of Plane)				
	Residents Congrega	Along Right-of-Way and Places of	2 years				
	Emergen	cy Officials	Annual				
	Public Of	ficials	3 years				
	Excavato	r and Contractors	Annual				
	One-Call	Centers	As required of One-Call Center				
	Stakeho	Ider Audience (Gathering Line Operators)	Baseline Message Frequency starting from effective date of Plane)				
	Residents	and Places of Congregation	Annual				
	Emergen	cy Officials	Annual				
	Public Of	ficials	3 years				
	Excavato	rs and Contractors	Annual				
	One-Call	Centers	As required of One-Call Center				
	.616(g)	The program must be conducted in English a significant number of the population in the c	and any other languages commonly understood by a operator's area?				
.517		Pressure Testing					Γ

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	OPE	RATIONS and MAINTH	ENANCE PERFORMANCE AND REC	ORDS	S	U	N/A	N/(
.709	.619	Maximum Allowable Ope	rating Pressure (MAOP)					
.709	.625	Odorization of Gas						
.709	.705	Patrolling (Refer to Table	e Below)					
		Class Location	At Highway and Railroad Crossings	At All Other Places				
		1 and 2	2/yr (7½ months)	1/yr (15 months)	_			
		3	4/yr (4½ months)	2/yr (7½ months)				
		4	4/yr (4½ months)	4/yr (4½ months)				
.709	.706	Leak Surveys (Refer to T	able Below)					
		Class Location	Required	Not Exceed				
		1 and 2	1/yr	15 months	_			
		3	2/yr*	7½ months				
		4	4/yr*	4 ¹ / ₂ months				
.603b/.727g	.727	Abandoned Pipelines also	Underwater Facility Reports if applicable					
.709	.731(a)	Compressor Station Relief Devices (1 per yr/15 months)						
.709	.731(c)		gency Shutdown (1 per yr/15 months)					
.709	.736(c) Compressor Stations – Detection and Alarms (Performance Test)							
.709	.739	Pressure Limiting and Reg	gulating Stations (1 per yr/15 months)					
.709	.743	Pressure Limiting and Regulator Stations – Capacity (1 per yr/15 months)						
.709	.745	Valve Maintenance (1 per yr/15 months)						
.709	.749	Vault Maintenance (3200	cubic feet)(1 per yr/15 months)					
.603(b)	.751	Prevention of Accidental Ignition (hot work permits)						
.603(b)	.225(b)	Welding – Procedure				1	1	
.603(b)	.227/.229	Welding – Welder Qualification						
.603(b)	.243(b)(2)	NDT – NDT Personnel Qu	alification					1
.709	.243(f)	NDT Records (Pipeline L	ife)					
.709	1	Repair: pipe (Pipeline Life); Other than pipe (5 years)						1

		CORROSION CONTROL PERFORMANCE AND RECORDS	S	U	N/A	N/C
.491	.491(a)	Maps or Records				
.491	.459	Examination of Buried Pipe when Exposed				
.491	.465(a)	Annual Pipe-to-soil Monitoring (1 per yr/15 months)				
.491	.465(b)	Rectifier Monitoring (6 per yr/21/2 months)				
.491	.465(c)	Interference Bond Monitoring – Critical (6 per yr/21/2 months)				
.491	.465(c)	Interference Bond Monitoring – Non-critical (1 per yr/15 months)				
.491	.465(d)	Prompt Remedial Actions				
.491	.465(e)	Unprotected Pipeline Surveys, CP active corrosion areas (1 per 3 cal yr/39 months)				

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		CORROSION CONTROL PERFORMANCE AND RECORDS	S	U	N/A	N/C
.491	.467	Electrical Isolation (Including Casings)				
.491	.469	Test Stations – Sufficient Number				
.491	.471	Test Lead Maintenance				
.491	.473	Interference Currents				
.491	.475(a)	Internal Corrosion; Corrosive Gas Investigation				
.491	.475(b)	Internal Corrosion; Internal Surface Inspection; Pipe Replacement				
.476(d)	.476	Internal Corrosion Control: Design and construction of transmission line				
.491	.477	Internal Corrosion Control Coupon Monitoring (2 per yr/71/2 months)				
.491	.481	Atmospheric Corrosion Control Monitoring (1 per 3 cal yr/39 months onshore; 1 per yr/15 months offshore)				
.491	.483/.485	Remedial: Replaced or Repaired Pipe; coated and protected; corrosion evaluation and actions				

PART 199 – DRUG and ALCOHOL TESTING REGULATIONS and PROCEDURES				
Subparts A - C	Drug & Alcohol Testing & Alcohol Misuse Prevention Program – Use PHMSA Form # 13, PHMSA 2008 Drug and Alcohol Program Check			

Recent PHMSA Advisory Bulletins (Last 2 years)

Leave this list with the operator.

<u>Number</u>	<u>Date</u>	<u>Subject</u>
ADB-07-01	April 27, 2007	Pipeline Safety: Senior Executive Signature and Certification of Integrity Management Program Performance Reports
ADB-07-02	September 6, 2007	Pipeline Safety: Updated Notification of the Susceptibility to Premature Brittle-Like Cracking of Older Plastic Pipe
ADB-07-02	February 29, 2008	Correction - Pipeline Safety: Updated Notification of the Susceptibility to Premature Brittle-Like Cracking of Older Plastic Pipe
ADB-08-01	May 13, 2008	Pipeline Safety - Notice to Operators of Gas Transmission Pipelines on the Regulatory Status of Direct Sales Pipelines
ADB-08-02	March 4, 2008	Pipeline Safety - Issues Related to Mechanical Couplings Used in Natural Gas Distribution Systems
ADB-08-03	March 10, 2008	Pipeline Safety - Dangers of Abnormal Snow and Ice Build-Up on Gas Distribution Systems
ADB-08-04	June 5, 2008	Pipeline Safety - Installation of Excess Flow Valves into Gas Service Lines
ADB-08-05	June 25, 2008	Pipeline Safety - Notice to Hazardous Liquid Pipeline Operators of Request for Voluntary Adv Notification of Intent To Transport Biofuels
ADB-08-06	July 2, 2008	Pipeline Safety - Dynamic Riser Inspection, Maintenance, and Monitoring Records on Offshore Floating Facilities

For more PHMSA Advisory Bulletins, go to http://ops.dot.gov/regs/advise.htm