RISK MANAGEMENT PLAN RMP*eSubmit Users' Manual

APPENDICES

APPENDIX A: RISK MANAGEMENT PLAN FORM

APPENDIX B: SAMPLE CERTIFICATION LETTER

APPENDIX C: CBI SUBSTANTIATION FORM

APPENDIX D: CBI UNSANITIZED DATA

APPENDIX E: RISK MANAGEMENT PROGRAM DE-REGISTRATION

FORM

Appendix A Risk Management Plan Form

Appendix A Return to Index

Risk Management Plan Form Section 112(r) of the Clean Air Act

Control Number 2050-0144

IMPORTANT: Type or print; read instructions before completing form.

Submission T	ype:	Where to Send Completed Forms:
☐ First-Time F	RMP Submission	Risk Management Plan (RMP) Reporting Center P.O. Box 1515
☐ Correction t	o the Current RMP	Lanham-Seabrook, Maryland 20703-1515
(Submission T	ype = "C")	
C01 C02 C03 C04 C05 C06 C07 C08 C09	Clerical error corrected Additional information supplied Minor administrative change Notification of facility ownership change New accident history information Change in emergency contact information New data element required by EPA Optional data element requested by EPA Removed OCA description from executive summary	
☐ Re-Submiss	sion (all 9 sections are updated and certified)	
(Submission Type = "R")		
R01	Newly regulated substance listed by EPA (40 CFR 68.190(b)(2))	
R02	Newly regulated substance above TQ in already covered process (40 CFR 68.190(b)(3))	
R03	Regulated substance present above TQ in new (or previously not covered) process (40 CFR 68.190(b)(4))	
R04	Revised PHA / Hazard Review due to process change (40 CFR 68.190(b)(5))	
R05	Revised OCA due to change (40 CFR 68.190(b)(6))	
R06	Change in program level of covered process (40 CFR 68.190(b)(7))	
R07	5-year update (40 CFR 68.190(b)(1))	
R08	Process no longer covered (source has other processes that remain covered) (40 CFR 68.190(b)(7))	
R09	Voluntary update (not described by any of the above reasons)	





Executive Summary (attach a separate piece of paper if you need additional space)

-	
-	
-	



Section 1. Registration



EPA Facility ID# (leave blank for first submission only)

1.1 Source Id	entification
---------------	--------------

1.1.a. Facility Name (maximum 50 characters)
1.1.b. Parent Company #1 Name (maximum 50 characters)
1.1.c. Parent Company #2 Name (maximum 50 characters)

1.2 EPA Facility Identifier (12 characters)	
	
	(leave blank for first submission only)

1.3 Other EPA Systems Facility Identifier (15 characters)

1.4 Dun and Broadcast Numbers (DUNS) (9 characters)

1.4.a. Facility DUNS	1.4.b Parent Company #1 DUNS	1.4.c. Parent Company #2 DUNS

1.5 Facility Location

1.5.a. Street - Line 1 (maximum 35 characters)		
1.5.b. Street - Line 2 (maximum 35 characters)		
1.5.c. City (maximum 19 Characters)		1.5.d. State
1.5.e. Zip Code Zip +4 Code	1.5.f. County (maximum 20 chara	acters)
1.5.g. Facility Latitude (report in decimal degrees)	1.5.h. Facility Longitude (report in d	ecimal degrees)
+/- D DD D DDDD D	+/- D DD	D DDDD D
1.5.i. Method for determining Lat/Long (see User Manual for Codes)	1.5.j. Description of location ident (see User Manual for Codes)	tified by Lat/Long
1.5.k. Horizontal accuracy measure (meters)	1.5.I. Horizontal reference datum	code
		_
	1.5.m. Source Map Scale Number	er



Section 1. Registration

EPA Facility ID# (leave blank for first submission only)

1.6	Owner	or O	perator

1.6.a. Name (maximum	35 characters)	
1.6.b. Phone	()	

Owner or Operator Mailing Address	
1.6.c. Street - Line 1 (maximum 35 characters)	
1.6.d. Street - Line 2 (maximum 35 characters)	
1.6.e. City (maximum 19 characters)	1.6.f. State
1.6.g. Zip Code Zip +4 Code	

1.7 Name, title, and email address of person or position responsible for RMP (part 68) implementation

The state of the s	(part co) impromontation	
1.7.a. Name of person (maximum 35 characters)	1.7.b. Title of person or position (maximum 35 characters)	
1.7.c. Email address of person or position (maximum 35 characters)		

1.8.a. Emergency Contact

	1.8.a. Name (maximum 35 characters)	1.8.b. Title of person or position (maximum 35 characters)
	1.8.c. Phone () =	1.8.d. 24-Hour Phone () =
1.8.e. 24-Hour Phone Extension/PIN # (maximum 10 characters)		
ų.	1.8.f. Email address for emergency contact (maximum 100 characters) Enter N/A if not applicable	

Facility Name: _____





Section 1. Registration	
1.9. Other Points of Contact (Optional)	
1.9.a. Facility or Parent Company E-mail Address (maximum 100 characters)	1.9.b. Facility Public Contact Phone Number
1.9.c. Facility or Parent Company WWW Homepage Address (maxi	mum 100 characters)
1.10 Local Emergency Planning Committee (LEPC) (optional) (n	naximum 30 characters)
1.11 Number of full-time equivalent (FTEs) employees on site	
1.12. Covered by (select all that apply)	
☐ 1.12.a. OSHA PSM	
☐ 1.12.b. EPCRA section 302	
☐ 1.12.c. CAA Title V Air Operating Permit Program. If covered, sp	pecify permit ID# below.
4.42 OSUA Star or Marit Danking (antique)	
1.13. OSHA Star or Merit Ranking (optional)	□NO
1.14. Last Safety Inspection (by an External Agency) Date	MM DD YYYY
451.4051.1	
1.15. Last Safety Inspection Performed by an External Agency (·
 □ 1.15.a. OSHA □ 1.15.b. State occupational safety agency □ 1.15.c. EPA □ 1.15.d. State Environmental Agency □ 1.15.e. Fire Department 	☐ 1.15.f. Never had one ☐ 1.15.g. Other (specify) (maximum 50 characters)
1.16. Will this RMP involve Predictive Filing? (Optional)	YES 🔲 No



Section 1. Registration

EPA Facility ID# (leave blank for first submission only)

1.17 Process Specific Information. For each covered process, fill in this page. If you are reporting more than one process, make a photocopy of this page and report each process on a separate sheet.

briotocopy of this page and report each process on a separate sheet.		
Process ID# (optional - for your reference only)		
Process Description (optional - for your reference only)		
1.17.a. Program Level (select one)	3	
1.17.b. NAICS Code(s) (five or six digits)		
		_
1.17.c. Chemical(s) (regulated substance(s))		
1.17.c.1. Name (maximum 100 characters)	1.17.c.2. CAS Number (10 characters)	1.17.c.3. Quantity (lbs) (max. 12 chars.)

If you need more space to list NAICS codes or chemicals, please make a photocopy of this sheet.

Facility Name:	
i donney italiio.	





EPA Facility ID# (leave blank for first submission only)

Section 1. Registration

If an outside contractor prepared this risk management plan, please enter information concerning this contractor in the fields below.

Facility Name:	



Section 2. Toxics: Worst Case

(If you need to report more than one worst case scenario, make	te a photocopy of pages in this section and report each scenario separately)
2.1. Chemical	
2.1.a. Name (maximum 100 characters)	
2.1.b. Percent weight of chemicals (if in a mixture)	%
2.2. Physical state (select one)	
□ 2.2.a. Gas □ 2.2.b. Liquid	☐ 2.2.c. Gas liquified by pressure☐ 2.2.d. Gas liquified by refrigeration
2.3. Model Used (select one or enter another model name in Ot	her below)
 2.3.a. EPA's OCA Guidance Reference Tables or Equation 2.3.b. EPA's RMP Guidance for Ammonia Refrigeration Re 2.3.d. EPA's RMP Guidance for Waste Water Treatment P 2.3.e. EPA's RMP Guidance for Warehouses Reference T 2.3.f. EPA's RMP Guidance for Chemical Distributors Ref 2.3.g. EPA's RMP* Comp™ 2.3.h. Areal Locations of Hazardous Atmospheres (ALOHA) 2.3.z. Other model (specify) (maximum 255 characters) 	ns eference Tables or Equations Plants Reference Tables or Equations ables or Equations erence Tables or Equations
2.4. Scenario (select one) ☐ 2.4.a. Gas Release ☐ 2	2.4.b. Liquid Spill and Vaporization
2.5. Quantity released (lbs)	2.6. Release rate (lbs/minute)
2.7. Release duration (minutes)	2.8. Wind speed (meters/second)
2.9. Atmospheric stability class (A-F)	
2.10. Topography (select one)	
☐ 2.10.a. Urban	☐ 2.10.b. Rural
2.11. Distance to endpoint (miles)	

_					
Fa	cil	lity	NI:	am	ο.
ıa	CI.	IILV	140	анн	c.



Section 2. Toxics: Worst Case 2	EPA Facility ID# (leave blank for first submission only)
2.12. Estimated residential population within distance to endp	point (numeric)
2.13. Public receptors within distance to endpoint (select all the	hat apply)
☐ 2.13.a. Schools	☐ 2.13.g. Other (specify) (maximum 200 characters)
☐ 2.13.b. Residences	
☐ 2.13.c. Hospitals	
☐ 2.13.d. Prison/Correctional Facilities	
☐ 2.13.e. Recreation Areas	
☐ 2.13.f. Major commercial, office, or industrial areas	
2.14. Environmental receptors within distance to endpoint (se	elect all that apply)
☐ 2.14.a. National or State Parks, Forests, or Monuments	☐ 2.14.d. Other (specify) (maximum 200 characters)
☐ 2.14.b. Officially Designated Wildlife Sanctuaries, Preserves, or Refuges	
☐ 2.14.c. Federal Wilderness Area	
2.15. Passive mitigation considered (select all that apply)	
☐ 2.15.a. Dikes	☐ 2.15.f. Other (specify) (maximum 200 characters)
☐ 2.15.b. Enclosures	
☐ 2.15.c. Berms	
☐ 2.15.d. Drains	<u> </u>
☐ 2.15.e. Sumps	
2.16. Graphics file name (optional) (maximum 12 characters)	

Facilit	Name:
----------------	-------





Section 3. Toxics: Alternative Release

(If you need to report more than one alternative release scenar	io, make a copy of pages in this section and report each scenario separately)
3.1. Chemical	
3.1.a. Name (maximum 100 characters)	
3.1.b. Percent weight of chemical (if in a mixture)	%
3.2. Physical State (select one)	
☐ 3.2.a. Gas ☐ 3.2.b. Liquid	3.2.c. Gas liquified by pressure3.2.d. Gas liquified by refrigeration
3.3. Model Used (select one or enter another model name in Oth	er below)
 □ 3.3.a. EPA's OCA Guidance Reference Tables or Equation □ 3.3.b. EPA's RMP Guidance for Ammonia Refrigeration Re □ 3.3.d. EPA's RMP Guidance for Waste Water Treatment P □ 3.3.e. EPA's RMP Guidance for Warehouse Reference Tal □ 3.3.f. EPA's RMP Guidance for Chemical Distributors Refe □ 3.3.g. EPA's RMP*Comp™ □ 3.3.h. Areal Locations of Hazardous Atmospheres (ALOHA □ 3.3.z. Other model (specify) (maximum 200 characters) 	eference Tables or Equations lants Reference Tables or Equations bles or Equations erence Tables or Equations
3.4. Scenario (select one) □ 3.4.a. Transfer hose failure □ 3.4.b. Pipe Leak □ 3.5.c. Vessel Leak □ 3.4.d. Overfilling □ 3.4.e. Rupture disk/relief valve failure	☐ 3.4.f. Excess Flow Device Failure ☐ 3.4.g. Other (specify) (maximum 35 characters)
3.5. Released (lbs)	3.6. Release Rate (lbs/minute)
3.7. Release Duration (minutes)	3.8. Wind Speed (meters/second)
3.9. Atmospheric stability class (A-F)	





Section 3. Toxics: Alternative Release

EPA Facility ID# (leave blank for first submission only)

(If you need to report more than one alternative release scenarion)	rio, make a copy of pages in this section and report each scenario separately)
3.10. Topology (select one)	☐ 3.10.b. Rural
3.11. Distance to endpoint (miles)	
3.12. Estimated residential population within distance to endpo	oint <u> </u>
3.13. Public receptors within distance to endpoint (select all th	at apply)
 □ 3.13.a. Schools □ 3.13.b. Residences □ 3.13.c Hospitals □ 3.13.d. Prisons/Correctional facilities 	 □ 3.13.e. Recreation Areas □ 3.13.f. Major commercial, office, or industrial areas □ 3.13.g. Other (specify) (maximum 200 characters)
 3.14. Environmental receptors within distance to endpoint (sell 3.14.a. National or State Parks, Forests, or Monuments 3.14.b. Officially Designated Wildlife Sanctuaries, Preserves, or Refuges 3.14.c. Federal Wilderness Area 	ect all that apply) ☐ 3.14.d. Other (specify) (maximum 200 characters)
3.15. Passive mitigation considered (select all that apply)	
☐ 3.15.a. Dikes	☐ 3.15.e. Sumps
☐ 3.15.b. Enclosures	☐ 3.15.f. Other (specify) (maximum 200 characters)
☐ 3.15.c. Berms	
☐ 3.15.d. Drains	
3.16. Active mitigation considered (select all that apply)	
□ 3.16.a. Sprinkler systems □ 3.16.b. Deluge systems □ 3.16.c. Water curtain □ 3.16.d. Neutralization □ 3.16.e. Excess flow valve □ 3.16.f. Flares	□ 3.16.g. Scrubbers □ 3.16.h. Emergency shutdown systems □ 3.16.i. Other (specify) (maximum 200 characters)

3.17. Graphics file name (optional) (maximum 12 characters)

Faci	lity	Name	:
------	------	------	---





4 Section 4. Flammables: Worst Case	EPA Facility ID# (leave blank for first submission only)
(If you need to report more than one worst-case scenario, make	e a photocopy of pages in this section and report each scenario separately)
4.1.a. Chemical Name (maximum 100 characters)	
4.2. Model Used (select one or enter another model name in Oth	ner below)
 4.2.a. EPA's OCA Guidance Reference Tables or Equation 4.2.c. EPA's RMP Guidance for Ammonia Refrigeration Re 4.2.d. EPA's RMP Guidance for Waste Water Treatment P 4.2.e. EPA's RMP Guidance for Warehouse Reference Tal 4.2.f. EPA's RMP Guidance for Chemical Distributors Reference 4.2.g. EPA's RMP*Comp™ 4.2.z. Other model (specify) (maximum 235 characters) 	ference Tables or Equations lants Reference Tables or Equations bles or Equations
4.3. Scenario (only one option) Vapor Cloud Explosion	
4.4. Quantity released (lbs)	4.5. Endpoint Used (only one option)
	1 PSI
4.6. Distance to endpoint (miles)	4.7. Estimated residential population within distance to endpoint
4.6. Distance to endpoint (miles)	4.7. Estimated residential population within distance to
4.6. Distance to endpoint (miles) 4.8. Public Receptors within distance to endpoint (select all the	4.7. Estimated residential population within distance to endpoint
	4.7. Estimated residential population within distance to endpoint
4.8. Public Receptors within distance to endpoint (select all that 4.8.a. Schools 4.8.b. Residences 4.8.c Hospitals 4.8.d. Prisons/Correctional facilities 4.8.e. Recreation Areas	4.7. Estimated residential population within distance to endpoint at apply) 4.8.f. Major commercial, office, or industrial areas 4.8.g. Other (specify) (maximum 200 characters)
4.8. Public Receptors within distance to endpoint (select all that 4.8.a. Schools 4.8.b. Residences 4.8.c Hospitals 4.8.d. Prisons/Correctional facilities	4.7. Estimated residential population within distance to endpoint at apply) 4.8.f. Major commercial, office, or industrial areas 4.8.g. Other (specify) (maximum 200 characters)

Facility Name:	
_	





4 Section 4. Flammables: Worst Case	
4.10. Passive mitigation considered (select all that were considered)	ered in defining the release quantity or rate for the worst-case
☐ 4.10.a. Blast walls	☐ 4.10.b. Other (specify) (maximum 200 characters)
4.11. Graphics file name (optional) (maximum 12 characters)	

	1:4	Name:	
Faci	IITV	Name.	





EPA Facility ID# (leave blank for first submission only)

Section 5. Flammables: Alternative Release

(If you need to report more than one alternative release scenario, make a photocopy of pages in this section and report each scenario separately)			
5.1. Chemical Name (maximum 100 characters)			
5.2. Model Used (select one or enter another model name in Ot	her below)		
 □ 5.2.a. EPA's OCA Guidance Reference Tables or Equations □ 5.2.c. EPA's RMP Guidance for Propane Storage Reference Tables or Equations □ 5.2.d. EPA's RMP Guidance for Waste Water Treatment Plants Reference Tables or Equations □ 5.2.e. EPA's RMP Guidance for Warehouse Reference Tables or Equations □ 5.2.f. EPA's RMP Guidance for Chemical Distributors Reference Tables or Equations □ 5.2.g. EPA's RMP*Comp™ □ 5.2.z. Other model (specify) (maximum 235 characters) 			
5.3. Scenario (select one) □ 5.3.a. Vapor cloud explosion □ 5.3.b. Fireball □ 5.3.c. BLEVE □ 5.3.d. Pool fire □ 5.3.e. Jet fire	☐ 5.3.f. Vapor cloud fire ☐ 3.4.g. Other (specify) (maximum 30 characters)		
5.4. Quantity released (lbs)			
5.5 Endpoint used (select one)			
☐ 5.5.a. 1 PSI ☐ 5.5.b. 5 kw/m² for 40 seconds			
□ 5.5.c. Lower flammability limit (specify percent volume)	.		
5.6. Distance to endpoint (miles)	5.7. Estimated residential population within distance to endpoint		





Section 5. Flammables: Alternative Release

5.8. Public Receptors within distance to endpoint (select all that apply)	
 □ 5.8.a. Schools □ 5.8.b. Residences □ 5.8.c Hospitals □ 5.8.d. Prisons/Correctional facilities □ 5.8.e. Recreation Areas 	☐ 5.8.f. Major commercial, office, or industrial areas ☐ 5.8.g. Other (specify) (maximum 200 characters)
5.9. Environmental receptors within distance to endpoint (select all that apply)	
 5.9.a. National or State Parks, Forests, or Monuments 5.9.b. Officially Designated Wildlife Sanctuaries, Preserves, or Refuges 5.9.c. Federal Wilderness Area 	☐ 5.9.d. Other (specify) (maximum 200 characters)
[
5.10. Passive mitigation considered (select all that apply) ☐ 5.10.a. Dikes ☐ 5.10.b. Fire walls ☐ 5.10.c. Blast walls ☐ 5.10.d. Enclosures	☐ 5.10.e. Other (specify) (maximum 200 characters)
 5.11. Active mitigation considered (select all that apply) □ 5.11.a. Sprinkler systems □ 5.11.b. Deluge systems □ 5.11.c. Water curtain □ 5.11.d. Excess flow valve 	□ 5.11.e. Other (specify) (maximum 200 characters)
5.12. Graphics file name (optional) (maximum 12 characters)	

Facility Name:			_	
Section 6. Five-Year Accident H	History		leave blank for first su	ubmission only)
(If you need to report more than one accident his	tory, make a _l	photocopy of pages in this sect	ion and report each scen	ario separately)
Would you like to certify that your facility did not have	ve any repo	ortable accidents in the la	st 5 years?	
☐ Yes; leave the rest of this section blank		☐ No; fill out this sect	ion for each acciden	t
6.1. Date of accident (day, month, and year)		6.2. Time accident bega	an (hours and minute	es)
MM DD YY	′ Y Y		□ a.m. □ p.m.	
63. NAICS code of process involved		6.4. Release duration (h	nours and minutes)	
		<u></u>	M M	
6.5.a.i. Chemical name (maximum 100 characters)	6.5.a.ii.	CAS Number	6.5.b. Quantity released (lbs.)	6.5.c. Percent weight of chemical if in a mixture (toxics only)
	<u> </u>			
6.6. Release event (select at least one)				
□ a. Gas release□ b. Liquid spills/evaporation□ c. Fire		☐ d. Explosion ☐ e. Uncontrolled/Run	away Reaction	
6.7. Pologo Source (coloct at least one)				
 6.7. Release Source (select at least one) □ a. Storage vessel □ b. Piping □ c. Process vessel □ d. Transfer hose □ e. Valve □ f. Pump 		☐ g. Joint ☐ h. Other (specify) (m	aximum 200 charac	ters)

Facilit	Name:
----------------	-------



Section 6. Five-Year A	Accident History	EPA Facility II	D# (leave blank for first submission only)
6.8. Weather conditions at time of even			
a.i. Wind speed (numerical)	Wind speed unit		a.ii. Wind direction
	☐ miles/hr. ☐ knots ☐	meters/sec.	
b. Temperature (°F)	c. Atmospheric stabili	ty class (A-F)	☐ d. Precipitation present
☐ e. Unknown weather conditions (check	if a-d are all unknown)		
6.9 On-site Impacts			
a. Deaths (enter numbers)		b. Injuries (enter num	nbers)
a.i. Employees or contractors		b.i. Employee	es or contractors
a.ii. Public responders	b.ii. Public responders		
a.iii. Public	b.iii. Public		
c. Property damage	\$,		
6.10. Known off-site impacts (enter nur	mbers)		
a. Deaths		d. Evacua	ted
b. Hospitalizations		e. Shelter	ed-in-place
c. Other medical treatments		f. Property	damage (\$)
6.10.g. Environmental damage (select a	all that apply)		
□ g.1. Fish or animal kills □ g.2. Tree, lawn, shrub, or crop dan □ g.3. Water contamination □ g.4. Soil contamination □ g.5. Other (specify) (maximum 200			

Facilit	Name:
----------------	-------





Section 6. Five-Year Accident History

6	
6.11. Initiating event (select one)	
☐ a. Equipment failure☐ b. Human error	□ c. Natural (weather conditions, earthquake)□ d. Unknown
6.12. Contributing factors (select all that apply)	
 □ a. Equipment failure □ b. Human error □ c. Improper procedure □ d. Over pressurization □ e. Upset condition □ f. By-pass condition □ g. Maintenance activity/inactivity □ h. Process design failure 	 i. Unsuitable equipment j. Unusual weather conditions k. Management error l. uncontrolled/runaway reaction m. Other (specify) (maximum 200 characters)
 6.13. Off-site responders notified (select one) □ a. Notified only □ b. Notified and responded 	□ c. No, not notified□ d. Unknown
6.14. Changes introduced as a result of the accident (select at least one) a. Improved/upgraded equipment b. Revised maintenance c. Revised training d. Revised operating procedures e. New process controls f. New mitigation systems g. Revised emergency response plan h. Changed process i. Reduced inventory	☐ j. None ☐ k. Other (specify) (maximum 200 characters)

Facility N	lame:		-
7	Section 7. Preve	ntion Program: Program 3	EPA Facility ID# (leave blank for first submission only)
/	(If you need to report more	than one prevention program, make a ph	otocopy of pages in this section and report each scenario separately)
Prevention	on Program description	on:	
7.1. NAIC	S code for process		
	nical name(s) n 100 characters)		
	ŕ		
	If you need	d more space to list chemicals, plea	ase make a photo copy of this sheet.
7.3. Date	on which the safety info	ormation was last reviewed or revis	ed
			M M D D Y Y Y Y
7.4. Proce	ess Hazards Analysis (F	PHA)	
7.4.a. Date	e of last PHA or PHA upo	ate	
			M M D D Y Y Y Y
7.4.b. Tec	hnique used (select at		7.4.b.6. Fault Tree Analysis
	. Checklist	<u> </u>	7.4.b.7. Other (specify) (maximum 200 characters)
☐ 7.4.b.4	What if/Checklist conHAZOPFailure Mode & Effe		

Faci	lit\/	Na	ma:
ıacı	HLV	110	me.





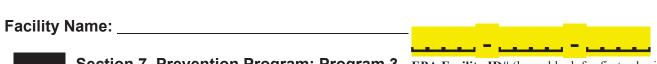
Section 7. Prevention Program: Progr	am 3 EPA Facility ID# (leave blank for first submission only)
7.4.c. Expected or actual date of completion of all changes re	esulting from last PHA or PHA update
	M M D D Y Y Y Y
7.4.d. Major hazards identified (select at least one) 7.4.d.1. Toxic release 7.4.d.2. Fire 7.4.d.3. Explosion 7.4.d.4. Runaway reaction 7.4.d.5. Polymerization 7.4.d.6. Over pressurization 7.4.d.7. Corrosion 7.4.d.8. Overfilling 7.4.d.9. Contamination	 □ 7.4.d.10. Equipment failure □ 7.4.d.11. Loss of cooling, heating, electricity, Instrument air □ 7.4.d.12. Earthquake □ 7.4.d.13. Floods (flood pain) □ 7.4.d.14. Tornado □ 7.4.d.15. Hurricanes □ 7.4.d.16. Other (specify) (maximum 200 characters)
7.4.e. Process controls in use (select at least one) 7.4.e.1. Vents 7.4.e.2. Relief valves 7.4.e.3. Check valves 7.4.e.4. Scrubbers 7.4.e.5. Flares 7.4.e.6. Manual shutoffs 7.4.e.7. Automatic shutoffs 7.4.e.8. Interlocks 7.4.e.9. Alarms and procedures 7.4.e.10. Keyed bypass 7.4.e.11. Emergency air supply	☐ 7.4.e.12. Emergency power ☐ 7.4.e.13. Backup pump ☐ 7.4.e.14. Grounding equipment ☐ 7.4.e.15. Inhibitor addition ☐ 7.4.e.16. Rupture disks ☐ 7.4.e.17. Excess flow device ☐ 7.4.e.18. Quench system ☐ 7.4.e.19. Purge system ☐ 7.4.e.20. None ☐ 7.4.e.21. Other (specify) (maximum 200 characters)
7.4.f. Mitigation systems in use (select at least one) 7.4.f.1. Sprinkler system 7.4.f.2. Dikes 7.4.f.3. Fire walls 7.4.f.4. Blast walls 7.4.f.5. Deluge system 7.4.f.6. Water curtain	☐ 7.4.f.7. Enclosure ☐ 7.4.f.8. Neutralization ☐ 7.4.f.9. None ☐ 7.4.f.10. Other (specify)(maximum 200 characters)
7.4.g. Monitoring/detection systems in use (select at least one) 7.4.g.1. Process area detectors 7.4.g.2. Perimeter monitors	☐ 7.4.g.4. Other (specify)(maximum 200 characters)





Section 7. Prevention Program: Program 3 EPA Facility ID# (leave blank for first submission only)

7.4.h. Changes since last PHA update (select at least one)				
 □ 7.4.h.1. Reduction in chemical inventory □ 7.4.h.2. Increase in chemical inventory □ 7.4.h.3. Change in process parameters □ 7.4.h.4. Installation of process controls □ 7.4.h.5. Installation of process detection systems □ 7.4.h.6. Installation of perimeter monitoring systems □ 7.4.h.7. Installation of mitigation systems 	☐ 7.4.h.8. None recommended ☐ 7.4.h.9. None ☐ 7.4.h.10. Other (specify) (maximum 200 characters)			
7.5. Date of most recent review or revision of operating procedures MMDDDYYYY				
7.6. Training				
7.6.a. Date of most recent review or review of operating procedures	M M D D Y Y Y Y			
 7.6.b. Type of training provided (select at one) 7.6.b.1. Classroom 7.6.b.2. On the job 7.6.b.3. Other (specify) (maximum 200 characters) 	_			
7.6.c. Type of competency testing used (select at least one) ☐ 7.6.c.1. Written test ☐ 7.6.c.2. Oral Test ☐ 7.6.c.3. Demonstration	☐ 7.6.c.4. Observation ☐ 7.6.c.5. Other (specify)(maximum 200 characters)			
7.7. Maintenance				
7.7.a. Date of most recent review or revision of maintenance proced	ures MM DD YYYY			
7.7.b. Date of most recent equipment inspection or test	M M D D Y Y Y Y			
7.7.c. Equipment most recently inspected or tested (list equipment)	maximum 200 characters)			





Section 7. Prevention Program: Program 3 EPA Facility ID# (leave blank for first submission only)

7.8 Management of Change	
7.8.a. Date of most recent changes that triggered management of change procedures.	M M D D Y Y Y Y
7.8.b. Date of most recent changes that triggered management of change procedures.	M M D D Y Y Y Y
7.9. Date of most recent pre-startup review	M M D D Y Y Y Y
7.10. Compliance audits	
7.10.a. Date of most recent compliant audit	M M D D Y Y Y Y
7.10.b. Expected or actual date of completion of all changes resulting from the compliance audit	MM DD YYYY
7.11. Incident investigation	
7.11.a. Date of most recent incident investigation (if any)	M M D D Y Y Y Y
7.11.b. Expected or actual date of completion of all changes resulting from the incident investigation	M M D D Y Y Y Y
7.12. Date of most recent review or revision of employee participation plans	M M D D Y Y Y Y
7.13. Date of most recent review or revision of hot work permit procedures	M M D D Y Y Y Y
7.14. Date of most recent review or revision of contractor safety procedures	M M D D Y Y Y Y
7.15. Date of most recent review or revision of contractor safety performance	
	MM DD YYYY

Faci	lity	Name:	
------	------	-------	--





Section 8. Prevention Program: Program 2 EPA Facility ID# (leave blank for first submission only)

(If you need to report more than one prevention program, make	a photocopy of pages in this section and report each scenario separately)
Prevention Program description:	
8.1. NAICS code for process	
8.2. Chemical name(s) (maximum 100 characters)	
If you need more space to list chemicals,	please make a photo copy of this sheet.
8.3. Date of most recent review or revision of safety information	M M D D Y Y Y Y
8.3.b. Federal/state regulations or industry-specific design codes and standards used to demonstrate compliance with safety information requirement (select at least one)	
 ■ 8.3.b.1. NFPA 58 (or state law based on NFPA 58) ■ 8.3.b.2. OSHA (29 CFR 1910.111) ■ 8.3.b.3. ASTM Standards ■ 8.3.b.4. ANSI Standards ■ 8.3.b.5. ANSME Standards ■ 8.3.b.6. None ■ 8.3.b.8. Comments (100 characters) 	□ 8.3b.7. Other (specify) (maximum 200 characters)

_		114			
⊢ ລ	\sim 1	lity	NIO	m	ο.
ıa	UII	IILV	ING	ш	┖.





Section 8. Prevention Program: Program 2 EPA Facility ID# (leave blank for first submission only)

8.4. Hazard review				
8.4.a. Date of completion of most recent hazard review or update	M M D D Y Y Y Y			
8.4.b. Expected or actual date of completion of all changes resulting from the hazard review MMDDYYYY				
8.4.c. Major hazards identified (select at least one)				
 □ 8.4.c.1. Toxic release □ 8.4.c.2. Fire □ 8.4.c.3. Explosion □ 8.4.c.4. Runaway reaction □ 8.4.c.5. Polymerization □ 8.4.c.6. Over pressurization □ 8.4.c.7. Corrosion □ 8.4.c.8. Overfilling □ 8.4.c.9. Contamination □ 8.4.c.10. Equipment failure 	 ■ 8.4.c.11. Loss of cooling, heating, electricity, instrument air ■ 8.4.c.12. Earthquake ■ 8.4.c.13. Floods (flood pain) ■ 8.4.c.14. Tornado ■ 8.4.c.15. Hurricanes ■ 8.4.c.16. Other (specify) (maximum 200 characters) 			
8.4.d. Process controls in use (select at least one)				
 □ 8.4.d.1. Vents □ 8.4.d.2. Relief valves □ 8.4.d.3. Check valves □ 8.4.d.4. Scrubbers □ 8.4.d.5. Flares □ 8.4.d.6. Manual shutoffs □ 8.4.d.7. Automatic shutoffs □ 8.4.d.8. Interlocks □ 8.4.d.9. Alarms and procedures □ 8.4.d.10. Keyed bypass □ 8.4.d.11. Emergency air supply □ 8.4.d.12. Emergency power 	 □ 8.4.d.13. Backup pump □ 8.4.d.14. Grounding equipment □ 8.4.d.15. Inhibitor addition □ 8.4.d.16. Rupture disks □ 8.4.d.17. Excess flow device □ 8.4.d.18. Quench system □ 8.4.d.19. Purge system □ 8.4.d.20. None □ 8.4.d.21. Other (specify) (maximum 200 characters) 			

Facility Name:





Section 8. Prevention Program: Program 2

8.4.e. Mitigation systems in use (select at least one) 3.4.e.1. Sprinkler system 8.4.e.2. Dikes 8.4.e.3. Fire walls 8.4.e.4. Blast walls 8.4.e.5. Deluge system 8.4.e.6. Water curtain 8.4.e.7. Enclosure	□ 8.4.e.8. Neutralization □ 8.4.e.9. None □ 8.4.e.10. Other (specify)(maximum 200 characters)		
8.4.f. Monitoring/detection systems in use (select at least one)			
 8.4.f.1. Process area detectors 8.4.f.2. Perimeter monitors 8.4.f.3. None 	□ 8.4.f.4 . Other (specify)(maximum 200 characters)		
8.4.g. Changes since last hazard review or hazard review update (select at least one)	☐ 8.4.g.8. None recommended		
 □ 8.4.g.1. Reduction in chemical inventory □ 8.4.g.2. Increase in chemical inventory □ 8.4.g.3. Change in process parameters □ 8.4.g.4. Installation of process controls 	□ 8.4.g.9. None □ 8.4.g.10. Other (specify) (maximum 200 characters)		
 □ 8.4.g.5. Installation of process detection systems □ 8.4.g.6. Installation of perimeter monitoring systems □ 8.4.g.7. Installation of mitigation systems 			
8.5. Date of most recent review or revision of safety information M M D D Y Y Y Y			
3.6. Training			
8.6.a. Date of most recent review or revision of training programs	M M D D Y Y Y Y		
	1		
8.6.b. Type of training provided (select at one)			
□ 8.6.b.1. Classroom □ 8.6.b.2. On the job □ 8.6.b.3. Other (specify) (maximum 200 characters)			



			E
EPA Facility ID# ((leave blank f	or first subm	nission only)

Section 8. Prevention Program: Program	am 2
8.6.c. Type of competency testing used (select at least one)	☐ 8.6.c.5. Other (specify)(maximum 200 characters)
 □ 8.6.c.1. Written test □ 8.6.c.2. Oral Test □ 8.6.c.3. Demonstration □ 8.6.c.4. Observation 	
8.7. Maintenance	
8.7.a. Date of most recent review or revision of maintenance produced in the contract of the c	M M D D Y Y Y Y
8.7.b. Date of most recent equipment inspection or test	M M D D Y Y Y Y
8.7.c. Equipment most recently inspected or tested (list equipment)	nt) (maximum 200 characters)
8.8. Compliance audits	
8.8.a. Date of most recent compliant audit	M M D D Y Y Y Y
8.8.b. Expected or actual date of completion of all changes result audit	ting from the compliance M M D D Y Y Y Y
8.9. Incident investigation	
8.9.a. Date of most recent incident investigation (if any)	M M D D Y Y Y Y
8.9.b. Expected or actual date of completion of all changes result investigation	ting from the incident M M D D Y Y Y Y
8.10. Date of most recent change that triggered a review or a information, the hazard review, operating or maintenance pro	





Section 9. Emergency Response

9.1 Written emergency response (ER) plan				
9.1.a. 🗖 Is your facility included in the written community emergency response plan?				
9.1.b. Does your facility have its own written emergency response plan?				
9.2. ☐ Does your facility's ER plan include specific actions to be taken in response to accidental releases of regulated substance(s)?				
9.3. ☐ Does your facility's ER plan include procedures for informing the public and local agencies responding to accidental releases?				
9.4. ☐ Does your facility's ER plan include information on emergency health care?				
9.5. Date of most recent review or update of your facility's ER plan M M D D Y Y Y Y				
9.6. Date of most recent ER training for your facility's employees M M D D Y Y Y Y				
9.7. Local agency with which your facility's ER plan or response activities are coordinated				
9.7.a. Name of agency (maximum 35 characters)				
9.7.b. Phone number ()				
9.8. Subject to (select all that apply) 9.8.a. OSHA Regulations at 29 CFR 1910.38 9.8.b. OSHA Regulations at 29 CFR 1910.120 9.8.c. Clean Water Act Regulations at 40 CFR 112 9.8.d. RCRA Regulations at 40 CFR 264, 265, 279.52 9.8.e. OPA-90 Regulations at 40 CFR 112, 33 CFR 154, 49 CFR 194, 30 CFR 254 9.8.f. State EPCRA Rules or Laws 9.8.g. Other (specify)(maximum 200 characters)				

Appendix B Sample Certification Letters

Appendix B Return to Index

SAMPLE CERTIFICATION LETTERS

Certif	ication Statement for Program	Process(es):	
		ne distance to the specified endpoint for the worst-case accidental release less than the distance to the nearest public receptor:	
•	[insert description for first pro	ram 1 process from executive summary]	
•	[insert description for second	ogram 1 process from executive summary]	
•	etc.		
in the offsite the pro respor emerg	risk management program rule impacts from accidental releas ocess(es), entry within the distanders. Therefore, public emergency contact indicated in the Rination, and belief, formed after	s) has (have) had no accidental release that caused offsite impacts provide to CFR 68.10(b)(1)). No additional measures are necessary to prevent. In the event of fire, explosion, or a release of a regulated substance from the to the specified endpoints may pose a danger to public emergency by responders should not enter this area except as arranged with the P. The undersigned certifies that, to the best of my knowledge, asonable inquiry, the information submitted is true, accurate, and	
Signat	ture	Print Name	
Title		Date	
Certif	ication Statement for Program	vel 2 & 3 Processes:	
	best of the undersigned's known ation submitted is true, accura	dge, information, and belief formed after reasonable inquiry, the and complete.	
Signat	ure	Print Name	
Title		Date	

Certification Statement for a Correction:		
To the best of the undersigned's knowledge, information, and belief formed after reasonable inquiry, these corrections and/or administrative changes are true, accurate, and complete.		
Signature	Print Name	
Title	Date	
EPA Facility ID #		

B-2 Return to Index

Appendix C CBI Substantiation Form

Appendix C Return to Index

OM B Control Number: 2050-0144

CBI Substantiation Form

If you are claiming Confidential Business Information (CBI) in your Risk Management plan (RMP), you must substantiate your claim at the same time that you submit your RMP. To qualify for CBI protection, the substantive criteria in 40 CFR 2.301 must be met. Certain RMP data elements cannot be claimed CBI, as stated in 40 CFR 68.151.

Fill out this form for each data element or set of data elements that have a discrete substantiation. You may use one CBI Substantiation Form to report multiple data elements as CBI if the basis for substantiation is the same. That means the answers to the questions in Part IV must be the same for all the data elements. If you need more space in Part III, please attach a separate piece of paper.

Burden Statement

The public reporting and recordkeeping burden for this collection of information is estimated to average 8.5 hours per claim. Burden means the total time, effort, or financial resources expended by persons to generate, maintain, retain, or disclose or provide information to or for a Federal agency. This includes the time needed to review instructions; develop, acquire, install, and utilize technology and systems for the purposes of collecting, validating, and verifying information, processing and maintaining information, and disclosing and providing information; adjust the existing requirements; train personnel to be able to respond to a collection of information; search data sources; complete and review the collection of information; and transmit or otherwise disclose the information. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number.

Send comments on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including through the use of automated collection techniques to the Director, OPPE Regulatory Information Division, U.S. Environmental Protection Agency (2137), 401 M St., S.W., Washington D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed CBI substantiation to this address.

Part I -- Facility Identification Information

The information given here must correspond to the information that you provided in the registration section of your RMP. If you have an EPA Facility ID #, please include this information. If you are resubmitting, updating or correcting your RMP, you should already have received an EPA Facility ID#.

a. Facility Name:
b. EPA Facility ID # (if assigned):
c. Facility Location Address:
d. City, State and Zip Code:

e. Dun and Bradstreet Number:		
Part II – Is this substantiation a sanitized or an unsanitized version? If this substantiation contains any CBI, you must also submit a sanitized substantiation (without CBI data) as stated in 40 CFR 68.152. In this case, submit 2 copies of this form, one sanitized and one unsanitized. Please indicate here whether this form is sanitized or unsanitized. □ Sanitized □ Unsanitized		
Part III – List the RMP Data Elements which you are claiming CBI that are covered in this substantiation form. List the data element number and its descriptive name, but NOT the actual CBI data. Please note that you may use one substantiation form for more than one data element only if the answers to all of the questions in Part IV are the same for those data elements.		
Data Element #	Data Element Name	

claims	V – The following are criteria set forth in 40 CFR 2.204, 2.208 and 2.301 for substantiating CBI s. Provide answers to each of the following questions to substantiate your claim. If you need onal space, use separate sheets of paper.
(a)	For any data elements that you wish to claim CBI that are listed in Part III, please indicate whether your business has previously submitted a CBI claim for this data element to EPA and whether that claim has expired, been waived, or been withdrawn.
(b)	What reasonable measures have you taken to protect the confidentiality of the information and do you intend to continue to take these measures?

(c)	Have you disclosed the information to anyone other than a governmental body? If so, why should the information still be considered confidential? If not, is the information reasonably obtainable without your consent? Has EPA or another Federal agency made a determination as to the confidentiality of the information? If so, please attach a copy of the determination.
(d)	Does any statute require public disclosure of the information for which you are claiming CBI? If so, identify the law.

(e)	 (1) For each data element claimed as CBI in Part III, discuss with specificity why release of the information is likely to cause substantial harm to your competitive position. Explain the nature of those harmful effects, why they should be viewed as substantial, and the causal relationship between disclosure and such harmful effects. For example, how could your competitors make use of this information to your detriment? (2) Do you assert that the information is "voluntarily submitted" as defined at 40 CFR 2.201(i)? If so, explain why, and how disclosure would tend to lessen the Governments's ability to obtain necessary information in the future. 		
Part V	- Certification (Read and sign after completin	g all sections)	
To the best of the undersigned's knowledge, information, and belief formed after reasonable inquiry, the information submitted is true, accurate, and complete.			
Name and official title of owner or operator or senior management official			
Signa	ture (All signatures must be original)	Print Name	
Officia	al Title	Date Signed	

Appendix D CBI Unsanitized Data Element Form

Appendix D Return to Index

OMB Control Number: 2050-0144

CBI UNSANITIZED DATA ELEMENT FORM

If you are claiming Confidential Business Information (CBI) in your RMP, you must submit in paper form both the information being claimed CBI and a substantiation for your claim at the time you submit your redacted or "sanitized" RMP. This form should be used to submit the confidential information. The redacted RMP will be made available to the public in RMP*Info.

If you need additional space, make a copy of page 2 of this form.

Part I. Facility Identification Information

The information given here should correspond to the information that you filled out in the registration section of your RMP. If you have an EPA Facility ID#, please include this information. You will have received the number after your first submission.

a. Facility Name:		
b. EPA Facility ID # (if assigned):		
c. Facility Location Address:		
d. City, State and	Zip Code:	
e. Dun and Bradstreet Number:		
Part II - Information claimed as CBI Please list the data element number(s) from the RMP form (paper form or electronic form), the name(s) of the element(s) you are claiming CBI, and the actual CBI data.		
Data Element Number	Name of Data Element	RMP Data Claimed as CBI

Data Element Number	Name of Data Element	RMP Data Claimed as CBI

Appendix E Risk Management Program De-registration Form

Appendix E Return to Index

RISK MANAGEMENT PROGRAM De-registration Form

Today	r's Date:		
EPA F	acility Identifier:		
Effect	ive Date of De-registration:		
Facilit	y Name:		
Facilit	y Address:		
City: _		State:	Zip Code:
Select	: (Check) Reason for De-registrat	ion:	
	☐ Source reduced inventory of	all regulated substance	ces below TQs
	☐ Source no longer uses any re	egulated substance	
	☐ Source terminated operation	าร	
	□ Other:		
l,	(Name of Facility Owner or Operator)	certify the above stati	onary source as of the above
effect Part 6	ive date is no longer covered by t 8.	he Accidental Release	Prevention Regulations, 40 CFR
	Signature of Owner or Operator		Date
	Official Title		

PLEASE MAIL THE COMPLETED DE-REGISTRATION FORM PROMPTLY TO:

U.S. Environmental Protection Agency Attention: RMP Reporting Center P. O. Box 1515 Lanham-Seabrook, MD 20703-1515

If you prefer to send your De-registration Form by certified mail, courier or overnight mail (e.g., Fed Ex, UPS, etc.), please address it to:

RMP Reporting Center c/o Computer Sciences Corporation 8400 Corporate Drive, Suite 150 Landover, MD 20785-2294

E-2 Return to Index