



Connecticut Department of
 Energy & Environmental Protection
 Bureau of Air Management
 Engineering & Enforcement Division

New Title V Permit or Renewal of an Existing Title V Permit Application

Complete this form in accordance with the [instructions](#) (DEEP-TV-INST-100) to ensure the proper handling of your application. Print or type unless otherwise noted. You must submit a copy of the published notice of permit application and the completed [Certification of Notice Form](#) (DEEP-APP-005A) along with this form. **There is no fee required. [#754]**

CPPU USE ONLY
App #: _____
Doc #: _____
Program/EI/App Type: Air Engineering/Title V/New Air Engineering/Title V/Renewal

This form is to be used for a new Title V permit or the renewal of an existing Title V permit only. Please complete the appropriate form for a revision, minor modification or non-minor modification to an existing Title V permit.

Questions? Visit the [Air Permitting](#) web page or contact the Air Permitting Engineer of the Day at 860-424-4152.

Applicant Name: _____

Part I: Application Information

Check the appropriate box identifying the application type.

This application is for (check one): <input type="checkbox"/> A <i>new</i> permit <input type="checkbox"/> A <i>renewal</i> of an existing permit	Please identify any previous or existing permit number in the space provided. Existing Permit Number: Existing Permit Expiration Date:	
Town Where Site is Located: _____ Brief Description of Project:		
PUBLIC NOTICE INFORMATION		
The public notice of application must be published prior to submitting an application, as required in CGS section 22a-6g. A copy of the published notice of application and the completed Certification of Notice Form (DEEP-APP-005A) must be included as Attachment AA to this application. Your application will not be processed if Attachment AA is not included.	Date of Publication	

Part II: Applicant Information

- If an applicant is a corporation, limited liability company, limited partnership, limited liability partnership, or a statutory trust, it must be registered with the Secretary of State. If applicable, the applicant's name shall be stated **exactly** as it is registered with the Secretary of State. Please note, for those entities registered with the Secretary of State, the registered name will be the name used by DEEP. This information can be accessed at [the Secretary of State's database \(CONCORD\)](http://www.concord-sots.ct.gov/CONCORD/index.jsp). (www.concord-sots.ct.gov/CONCORD/index.jsp)
- If an applicant is an individual, provide the legal name (include suffix) in the following format: First Name; Middle Initial; Last Name; Suffix (Jr, Sr., II, III, etc.).
- If there are any changes or corrections to your company/facility or individual name, mailing or billing address or contact information, please complete and submit the [Request to Change Company/Individual Information](#) to the address indicated on the form. For any other changes you must contact the specific program from which you hold a current DEEP license. If there is a change in ownership, please contact the Permit Assistance Office for questions concerning license transfers at 860-424-3003.

1. Applicant Name:

Mailing Address:

City/Town:

State:

Zip Code:

Business Phone:

ext.:

Contact Person:

Phone:

ext.

*E-mail:

*By providing this e-mail address you are agreeing to receive official correspondence from DEEP, at this electronic address, concerning the subject application. Please remember to check your security settings to be sure you can receive e-mails from "ct.gov" addresses. Also, please notify DEEP if your e-mail address changes.

- a) Applicant Type (check one): individual *business entity federal agency
 state agency municipality tribal

*If **other than a business entity**, skip to item 1b.

*If a business entity:

- i) check type: corporation limited liability company limited partnership
 limited liability partnership statutory trust Other: _____
- ii) provide Secretary of the State business ID #: _____ This information can be accessed at the Secretary of State's database (CONCORD). (www.concord-sots.ct.gov/CONCORD/index.jsp)
- iii) Check here if your business is **NOT** registered with the Secretary of State's office.

- b) Applicant's interest in property at which the proposed activity is to be located:

site owner option holder lessee
 easement holder operator other (specify): _____

- Check if any co-applicants. If so, attach additional sheet(s) with the required information as requested above.

2. Billing contact, if different than the applicant:

Name:

Mailing Address:

City/Town:

State:

Zip Code:

Business Phone:

ext.:

Contact Person:

Phone:

ext.

E-mail:

Part II: Applicant Information (continued)

3. Primary contact for departmental correspondence and inquiries, if different than the applicant:

Name:

Mailing Address:

City/Town:

State:

Zip Code:

Business Phone:

ext.:

Contact Person:

Phone:

ext.

*E-mail:

*By providing this e-mail address you are agreeing to receive official correspondence from DEEP, at this electronic address, concerning the subject application. Please remember to check your security settings to be sure you can receive e-mails from "ct.gov" addresses. Also, please notify DEEP if your e-mail address changes.

4. Attorney or other Representative, if applicable:

Firm Name:

Mailing Address:

City/Town:

State:

Zip Code:

Business Phone:

ext.:

Attorney:

Phone:

ext.

E-mail:

5. Site or Facility Owner, if different than the applicant:

Name:

Mailing Address:

City/Town:

State:

Zip Code:

Business Phone:

ext.:

Contact Person:

Phone:

ext.

E-mail:

6. Agent for Service of Owner, if applicable:

Name:

Mailing Address:

City/Town:

State:

Zip Code:

Business Phone:

ext.:

Contact Person:

Phone:

ext.

E-mail:

Part II: Applicant Information (continued)

7. Engineer(s) or Consultant(s) employed or retained to assist in preparing the application:			
Name:			
Mailing Address:			
City/Town:	State:	Zip Code:	
Business Phone:	ext.:		
Contact Person:	Phone:	ext.	
E-mail:			
Service Provided:			
<input type="checkbox"/> Check here if additional sheets are necessary, and label and attach them to this sheet.			
8. List Authorized Representative signing this application:			
Name:			
Effective Date of Authorization:			
Mailing Address:			
City/Town:	State:	Zip Code:	
Business Phone:	ext.:		
E-mail:			

Part III: Site Information

1. Site or Facility Name:			
Location of Site or Facility:			
Street Address:			
City/Town:	State:	Zip Code:	
2. Identify the air quality attainment status of the area in which the facility is located by checking the appropriate box.			
Ozone Non-Attainment Area:	<input type="checkbox"/> Serious	<input type="checkbox"/> Severe	
3. a. SIC Code:		b. NAICS Code:	

Part IV: Checklists for Applicable Requirements

The following pages contain applicable requirements checklists. They are included to help the applicant identify applicable requirements which include the State Implementation Plan (SIP), Federal Implementation Plan (FIP), 40 Code of Federal Regulations (CFR) 51, 52, 59, 60, 61, 62, 63, 64, 68, 70, 72-80, and 82.

SIP: Subsections of the Regulations of Connecticut State Agencies (RCSA) may be federally enforceable to the extent that such subsections are included in the SIP and are identical to the SIP.

A. RCSA Section 22a-174

Indicate which subsections of RCSA section 22a-174 are applicable by checking the appropriate box. If you checked non-applicable (N/A), you must provide the reason in the "Why" column. Refer to the instructions for the appropriate letter code. See [DEEP Air Regulations](#).

Title of Subsection	Date of Last Revision	Apply	N/A	Why
1. Definitions	01/28/11	<input type="checkbox"/>	<input type="checkbox"/>	
2. Registration requirements for existing stationary sources of air pollutants (repealed)				
2a. Procedural requirements for New Source Review and Title V permitting	04/04/06	<input type="checkbox"/>	<input type="checkbox"/>	
3. Permits to construct and permits to operate stationary sources or modifications (repealed)				
3a. Permit to Construct and Operate Stationary Sources	01/28/11	<input type="checkbox"/>	<input type="checkbox"/>	
3b. Exemptions from permitting for construction and operation of external combustion units, automotive refinishing operations, emergency engines, nonmetallic mineral processing equipment and surface coating operations	04/04/06	<input type="checkbox"/>	<input type="checkbox"/>	
3c. Limitations on potential to emit for external combustion units, emergency engines, automotive refinishing operations, nonmetallic mineral processing equipment and surface coating operations	02/01/10	<input type="checkbox"/>	<input type="checkbox"/>	
4. Source monitoring, record keeping, and reporting	04/01/04	<input type="checkbox"/>	<input type="checkbox"/>	
5. Methods for sampling, emission testing, sample analysis, and reporting	04/04/06	<input type="checkbox"/>	<input type="checkbox"/>	
6. Air pollution emergency episode procedures	10/93	<input type="checkbox"/>	<input type="checkbox"/>	
7. Air pollution control equipment and monitoring equipment operation	04/01/04	<input type="checkbox"/>	<input type="checkbox"/>	
8. Compliance plans and schedules	5/89	<input type="checkbox"/>	<input type="checkbox"/>	
9. Prohibition of air pollution	12/83	<input type="checkbox"/>	<input type="checkbox"/>	
10. Public availability of information	12/83	<input type="checkbox"/>	<input type="checkbox"/>	
11. Prohibition against concealment or circumvention	12/83	<input type="checkbox"/>	<input type="checkbox"/>	
12. Violations and enforcement	12/83	<input type="checkbox"/>	<input type="checkbox"/>	
13. Variances	12/83	<input type="checkbox"/>	<input type="checkbox"/>	
14. Compliance with regulation no defense to nuisance claim	12/83	<input type="checkbox"/>	<input type="checkbox"/>	
15. Severability	12/83	<input type="checkbox"/>	<input type="checkbox"/>	
16. Responsibility to comply with applicable regulations	12/83	<input type="checkbox"/>	<input type="checkbox"/>	
17. Control of open burning	12/83	<input type="checkbox"/>	<input type="checkbox"/>	
18. Control of particulate matter and visible emissions	04/01/04	<input type="checkbox"/>	<input type="checkbox"/>	
19. Control of sulfur compound emissions	04/01/04	<input type="checkbox"/>	<input type="checkbox"/>	
19a. Control of sulfur dioxide emissions from power plants and other large stationary sources of air pollution	02/01/10	<input type="checkbox"/>	<input type="checkbox"/>	
20. Control of organic compound emissions	04/06/10	<input type="checkbox"/>	<input type="checkbox"/>	
21. Control of carbon monoxide emissions	12/83	<input type="checkbox"/>	<input type="checkbox"/>	
22. Control of nitrogen oxides emissions	04/04/06	<input type="checkbox"/>	<input type="checkbox"/>	
22a. The Nitrogen Oxides (NOx) Budget Program (repealed)				
22b. The Post-2002 Nitrogen Oxides (NOx) Budget Program (repealed)				

Title of Subsection	Date of Last Revision	Apply	N/A	Why
22c. The Clean Air Interstate Rule (CAIR) Nitrogen Oxides (NOx) Ozone Season Trading Program	09/04/07	<input type="checkbox"/>	<input type="checkbox"/>	
23. Control of odors	04/04/06	<input type="checkbox"/>	<input type="checkbox"/>	
24. Connecticut primary and secondary standards	04/04/06	<input type="checkbox"/>	<input type="checkbox"/>	
25. Effective date (repealed)				
26. Fees	05/26/04	<input type="checkbox"/>	<input type="checkbox"/>	
27. Emission standards and on-board diagnostic II test requirements for periodic motor vehicle inspection and maintenance	08/10/09	<input type="checkbox"/>	<input type="checkbox"/>	
28. Oxygenated gasoline	10/99	<input type="checkbox"/>	<input type="checkbox"/>	
29. Hazardous air pollutants	04/04/06	<input type="checkbox"/>	<input type="checkbox"/>	
30. Dispensing of Gasoline/Stage I and Stage II Vapor Recovery	05/10/04	<input type="checkbox"/>	<input type="checkbox"/>	
31. Control of Carbon Dioxide Emissions/ Carbon Dioxide Budget Trading Program	7/23/08	<input type="checkbox"/>	<input type="checkbox"/>	
31a. Greenhouse Gas Emissions Offset Projects	7/23/08	<input type="checkbox"/>	<input type="checkbox"/>	
32. Reasonably Available Control Technology (RACT) for organic compounds	4/06/10	<input type="checkbox"/>	<input type="checkbox"/>	
33. Title V Sources	01/28/11	<input type="checkbox"/>	<input type="checkbox"/>	
36. Low Emission Vehicles	12/04/04	<input type="checkbox"/>	<input type="checkbox"/>	
36a. Heavy duty diesel engines	03/04/03	<input type="checkbox"/>	<input type="checkbox"/>	
36b. Low Emission Vehicles II Program	08/10/09	<input type="checkbox"/>	<input type="checkbox"/>	
38. Municipal Waste Combustors	07/07/08	<input type="checkbox"/>	<input type="checkbox"/>	
40. Consumer Products	06/12/09	<input type="checkbox"/>	<input type="checkbox"/>	
41. Architectural and Industrial Maintenance Coatings	07/26/07	<input type="checkbox"/>	<input type="checkbox"/>	
42. Distributed Generators	01/01/05	<input type="checkbox"/>	<input type="checkbox"/>	
43. Portable Fuel Container Spillage Control	01/29/07	<input type="checkbox"/>	<input type="checkbox"/>	
100. Permits for construction of indirect sources	06/30/06	<input type="checkbox"/>	<input type="checkbox"/>	
200. Deactivation of air pollution control systems or mechanisms from motor vehicles	12/83	<input type="checkbox"/>	<input type="checkbox"/>	

B. 40 CFR Part 59 – National Volatile Organic Compound Emission Standards for Consumer and Commercial Products

Indicate which 40 CFR Part 59 Subparts are applicable by checking the appropriate box. If you checked non-applicable (N/A), you must provide the reason in the “Why” column. Refer to the instructions for the appropriate letter code. See [40 CFR Part 59](#).

Product Categories Subject to Federal Standards	40 CFR Part 59 Subpart	Apply	N/A	Why
Automobile Refinish Coatings	B	<input type="checkbox"/>	<input type="checkbox"/>	
Consumer Products	C	<input type="checkbox"/>	<input type="checkbox"/>	

Product Categories Subject to Federal Standards	40 CFR Part 59 Subpart	Apply	N/A	Why
Architectural Coatings	D	<input type="checkbox"/>	<input type="checkbox"/>	
Aerosol Coatings	E	<input type="checkbox"/>	<input type="checkbox"/>	
New and In-Use Portable Fuel Containers	F	<input type="checkbox"/>	<input type="checkbox"/>	

C. 40 CFR Part 60 – Standards of Performance for New Stationary Sources

Indicate which 40 CFR Part 60 Subparts are applicable by checking the appropriate box. If you checked non-applicable (N/A), you must provide the reason in the “Why” column. Refer to the instructions for the appropriate letter code. See [40 CFR Part 60](#).

Source Categories Subject to Federal Performance Standards	40 CFR Part 60 Subpart	Apply	N/A	Why
Large Municipal Waste Combustors, constructed ≤ 9/20/94	Cb	<input type="checkbox"/>	<input type="checkbox"/>	
Municipal Solid Waste Landfills	Cc	<input type="checkbox"/>	<input type="checkbox"/>	
Sulfuric Acid Production Units	Cd	<input type="checkbox"/>	<input type="checkbox"/>	
Hospital/Medical/Infectious Waste Incinerators	Ce	<input type="checkbox"/>	<input type="checkbox"/>	
Fossil-Fuel-Fired Steam Generators	D	<input type="checkbox"/>	<input type="checkbox"/>	
Electric Utility Steam Generating Units	Da	<input type="checkbox"/>	<input type="checkbox"/>	
Industrial-Commercial-Institutional Steam Generating Units > 100MMBtu	Db	<input type="checkbox"/>	<input type="checkbox"/>	
Small Industrial-Commercial-Institutional Steam Generating Units >10MMBtu but < 100MMBtu	Dc	<input type="checkbox"/>	<input type="checkbox"/>	
Incinerators	E	<input type="checkbox"/>	<input type="checkbox"/>	
Municipal Waste Combustors, constructed > 12/20/89, ≤ 9/20/94	Ea	<input type="checkbox"/>	<input type="checkbox"/>	
Large Municipal Waste Combustors, constructed > 9/20/94, modification or reconstruction > 6/19/96	Eb	<input type="checkbox"/>	<input type="checkbox"/>	
Hospital/Medical/Infectious Waste Incinerators, constructed > 6/20/96	Ec	<input type="checkbox"/>	<input type="checkbox"/>	
Portland Cement Plants	F	<input type="checkbox"/>	<input type="checkbox"/>	
Nitric Acid Plants	G	<input type="checkbox"/>	<input type="checkbox"/>	
Sulfuric Acid Plants	H	<input type="checkbox"/>	<input type="checkbox"/>	
Hot Mix Asphalt Facilities	I	<input type="checkbox"/>	<input type="checkbox"/>	
Petroleum Refineries	J	<input type="checkbox"/>	<input type="checkbox"/>	
Petroleum Refineries, constructed, reconstructed or modified > 5/14/2007	Ja	<input type="checkbox"/>	<input type="checkbox"/>	
Storage Vessels for Petroleum Liquids	K, Ka	<input type="checkbox"/>	<input type="checkbox"/>	
Volatile Organic Liquid Storage Vessels (Including Petroleum Liquids)	Kb	<input type="checkbox"/>	<input type="checkbox"/>	
Secondary Lead Smelters	L	<input type="checkbox"/>	<input type="checkbox"/>	

Source Categories Subject to Federal Performance Standards	40 CFR Part 60 Subpart	Apply	N/A	Why
Secondary Brass and Bronze Production Plants	M	<input type="checkbox"/>	<input type="checkbox"/>	
Basic Oxygen Process Furnaces, Primary Emissions, constructed > 6/11/73	N	<input type="checkbox"/>	<input type="checkbox"/>	
Basic Oxygen Process Steelmaking Facilities, Secondary Emissions, constructed >1/20/83	Na	<input type="checkbox"/>	<input type="checkbox"/>	
Sewage Treatment Plants	O	<input type="checkbox"/>	<input type="checkbox"/>	
Primary Copper Smelters	P	<input type="checkbox"/>	<input type="checkbox"/>	
Primary Zinc Smelters	Q	<input type="checkbox"/>	<input type="checkbox"/>	
Primary Lead Smelters	R	<input type="checkbox"/>	<input type="checkbox"/>	
Primary Aluminum Reduction Plants	S	<input type="checkbox"/>	<input type="checkbox"/>	
Phosphate Fertilizer Industry	T, U, V, W, X	<input type="checkbox"/>	<input type="checkbox"/>	
Coal Preparation and Processing Plants	Y	<input type="checkbox"/>	<input type="checkbox"/>	
Ferroalloy Production Facilities	Z	<input type="checkbox"/>	<input type="checkbox"/>	
Steel Plants	AA, AAa	<input type="checkbox"/>	<input type="checkbox"/>	
Kraft Pulp Mills	BB	<input type="checkbox"/>	<input type="checkbox"/>	
Glass Manufacturing Plants	CC	<input type="checkbox"/>	<input type="checkbox"/>	
Grain Elevators	DD	<input type="checkbox"/>	<input type="checkbox"/>	
Surface Coating of Metal Furniture	EE	<input type="checkbox"/>	<input type="checkbox"/>	
Stationary Gas Turbines	GG	<input type="checkbox"/>	<input type="checkbox"/>	
Lime Manufacturing Plants	HH	<input type="checkbox"/>	<input type="checkbox"/>	
Lead-Acid Battery Manufacturing Plants	KK	<input type="checkbox"/>	<input type="checkbox"/>	
Metallic Mineral Processing Plants	LL	<input type="checkbox"/>	<input type="checkbox"/>	
Automobile and Light-Duty Truck Surface Coating Operations	MM	<input type="checkbox"/>	<input type="checkbox"/>	
Phosphate Rock Plants	NN	<input type="checkbox"/>	<input type="checkbox"/>	
Ammonium Sulfate Manufacture	PP	<input type="checkbox"/>	<input type="checkbox"/>	
Graphic Arts Industry: Publication Rotogravure Printing	QQ	<input type="checkbox"/>	<input type="checkbox"/>	
Pressure Sensitive Tape and Label Surface Coating Operations	RR	<input type="checkbox"/>	<input type="checkbox"/>	
Industrial Surface Coating: Large Appliances	SS	<input type="checkbox"/>	<input type="checkbox"/>	
Metal Coil Surface Coating	TT	<input type="checkbox"/>	<input type="checkbox"/>	
Asphalt Processing and Asphalt Roofing Manufacture	UU	<input type="checkbox"/>	<input type="checkbox"/>	
Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry	VV, VVa	<input type="checkbox"/>	<input type="checkbox"/>	
Beverage Can Surface Coating Industry	WW	<input type="checkbox"/>	<input type="checkbox"/>	
Bulk Gasoline Terminals	XX	<input type="checkbox"/>	<input type="checkbox"/>	
New Residential Wood Heaters *	AAA*	<input type="checkbox"/>	<input type="checkbox"/>	
Rubber Tire Manufacturing Industry	BBB	<input type="checkbox"/>	<input type="checkbox"/>	
VOC Emissions from the Polymer Manufacturing Industry	DDD	<input type="checkbox"/>	<input type="checkbox"/>	

Source Categories Subject to Federal Performance Standards	40 CFR Part 60 Subpart	Apply	N/A	Why
Flexible Vinyl and Urethane Coating and Printing	FFF	<input type="checkbox"/>	<input type="checkbox"/>	
Equipment Leaks of VOC in Petroleum Refineries	GGG, GGGa	<input type="checkbox"/>	<input type="checkbox"/>	
Synthetic Fiber Production Facilities	HHH	<input type="checkbox"/>	<input type="checkbox"/>	
VOC Emissions from the Synthetic Organic Chemical Manufacturing Industry Air Oxidation Unit Processes	III	<input type="checkbox"/>	<input type="checkbox"/>	
Petroleum Dry Cleaners	JJJ	<input type="checkbox"/>	<input type="checkbox"/>	
Equipment Leaks of VOC from Onshore Natural Gas Processing Plants	KKK	<input type="checkbox"/>	<input type="checkbox"/>	
Onshore Natural Gas Processing, SO ₂ Emissions	LLL	<input type="checkbox"/>	<input type="checkbox"/>	
VOC Emissions from Synthetic Organic Chemical Manufacturing Industry Distillation Operations	NNN	<input type="checkbox"/>	<input type="checkbox"/>	
Nonmetallic Mineral Processing Plants (Including Sand and Gravel Processing)	OOO	<input type="checkbox"/>	<input type="checkbox"/>	
Wool Fiberglass Insulation Manufacturing Plants	PPP	<input type="checkbox"/>	<input type="checkbox"/>	
VOC Emissions from Petroleum Refinery Wastewater Systems	QQQ	<input type="checkbox"/>	<input type="checkbox"/>	
VOC Emissions from the Synthetic Organic Chemical Manufacturing Industry (SOCMI) Reactor Processes	RRR	<input type="checkbox"/>	<input type="checkbox"/>	
Magnetic Tape Coating Facilities	SSS	<input type="checkbox"/>	<input type="checkbox"/>	
Industrial Surface Coating: Surface Coating of Plastic Parts for Business Machines	TTT	<input type="checkbox"/>	<input type="checkbox"/>	
Calciners and Dryers in Mineral Industries	UUU	<input type="checkbox"/>	<input type="checkbox"/>	
Polymeric Coating of Supporting Substrates Facilities	VVV	<input type="checkbox"/>	<input type="checkbox"/>	
Municipal Solid Waste Landfills	WWW	<input type="checkbox"/>	<input type="checkbox"/>	
Small Municipal Waste Combustion Units, constructed > 8/30/99 or modified or reconstructed > 6/6/2001	AAAA	<input type="checkbox"/>	<input type="checkbox"/>	
Small Municipal Waste Combustion Units, constructed ≤ 8/30/99	BBBB	<input type="checkbox"/>	<input type="checkbox"/>	
Commercial and Industrial Solid Waste Incineration Units, constructed > 11/30/99 or modified or reconstructed ≥ 6/1/2001	CCCC	<input type="checkbox"/>	<input type="checkbox"/>	
Commercial and Industrial Solid Waste Incineration Units, constructed ≤ 11/30/99	DDDD	<input type="checkbox"/>	<input type="checkbox"/>	
Other Solid Waste Incinerator Units, constructed > 12/9/2004, or modified or reconstructed ≥ 6/16/2006	EEEE	<input type="checkbox"/>	<input type="checkbox"/>	
Other Solid Waste Incinerator Units, constructed ≤ 12/9/2004	FFFF	<input type="checkbox"/>	<input type="checkbox"/>	
Coal-Fired Electric Steam Generating Units	HHHH	<input type="checkbox"/>	<input type="checkbox"/>	
Stationary Compression Ignition Internal Combustion Engines	IIII	<input type="checkbox"/>	<input type="checkbox"/>	
Stationary Spark Ignition Internal Combustion Engines	JJJJ	<input type="checkbox"/>	<input type="checkbox"/>	
Stationary Combustion Turbines	KKKK	<input type="checkbox"/>	<input type="checkbox"/>	
New Sewage Sludge Incineration Units	LLLL	<input type="checkbox"/>	<input type="checkbox"/>	
Existing Sewage Sludge Incineration Units	MMMM	<input type="checkbox"/>	<input type="checkbox"/>	

Source Categories Subject to Federal Performance Standards	40 CFR Part 60 Subpart	Apply	N/A	Why
Other:		<input type="checkbox"/>	<input type="checkbox"/>	
Other:		<input type="checkbox"/>	<input type="checkbox"/>	
Other:		<input type="checkbox"/>	<input type="checkbox"/>	
Other:		<input type="checkbox"/>	<input type="checkbox"/>	
Other:		<input type="checkbox"/>	<input type="checkbox"/>	

* According to RSCA section 22a-174-33(c)(2)(A), any premises that would be required to obtain a Title V permit solely because a stationary source on such premises is subject to 40 CFR Part 60 Subpart AAA, is currently exempt from Title V permitting.

D. 40 CFR PART 61- National Emission Standards for Hazardous Air Pollutants

Indicate which 40 CFR Part 61 Subparts are applicable by checking the appropriate box. If you checked non-applicable (N/A), you must provide the reason in the “Why” column. Refer to the instructions for the appropriate letter code. See [40 CFR Part 61](#).

Pollutant	Facility Or Emission Unit Type	40 CFR Part 61 Subpart	Apply	N/A	Why
Radon	Underground Uranium Mines; Department of Energy Facilities; Phosphogypsum Stacks; Phosphorus Fertilizer Plants; and Facilities Processing or Disposing of Uranium Mill Tailings; Operating Mill Tailings	B, Q, R, T, W	<input type="checkbox"/>	<input type="checkbox"/>	
Beryllium	Beryllium Extraction Plants; Ceramic Plants, Foundries, Incinerators, Propellant Plants, and Machine Shops that Process Beryllium Containing Material; and Rocket Motor Firing Test Sites	C, D	<input type="checkbox"/>	<input type="checkbox"/>	
Mercury	Mercury Ore Processing; Manufacturing Processes Using Mercury Chloralkali Cells; and Sludge Incinerators	E	<input type="checkbox"/>	<input type="checkbox"/>	
Vinyl Chloride	Ethylene Dichloride Manufacturing Via Oxygen, Hcl and Ethylene; Vinyl Chloride Manufacturing; and Polyvinyl Chloride Manufacturing	F	<input type="checkbox"/>	<input type="checkbox"/>	
Radio-nuclides	Department of Energy; Nuclear Regulatory Commission Licensed Facilities; Other Federal Facilities; and Elemental Phosphorus Plants	H, I*, K	<input type="checkbox"/>	<input type="checkbox"/>	
Benzene	Fugitive Process, Storage, and Transfer Equipment Leak; Coke By-Product Recovery Plants; Benzene Storage Vessels; Benzene Transfer Operation; and Benzene Waste Operations	J, L, Y, BB, FF	<input type="checkbox"/>	<input type="checkbox"/>	
Asbestos	Asbestos Mills; Roadway Surfacing with Asbestos Tailings; Manufacture of Products Containing Asbestos; Demolition; Renovation; and Spraying and Disposal of Asbestos Waste	M*	<input type="checkbox"/>	<input type="checkbox"/>	
Inorganic Arsenic	Glass Manufacture; Primary Copper Smelter; Arsenic Trioxide and Metallic Arsenic Production Facilities	N, O, P	<input type="checkbox"/>	<input type="checkbox"/>	
Volatile Hazardous Air Pollutants (VHAP)	Pumps, Compressors, Pressure Relief Devices, Connections, Valves, Lines, Flanges, Product Accumulator Vessels, Etc. in VHAP Service (As of 11/30/94 only vinyl chloride and benzene are regulated by 40 CFR Part 61, Subpart V)	V	<input type="checkbox"/>	<input type="checkbox"/>	
Other:			<input type="checkbox"/>	<input type="checkbox"/>	

* According to RCRA sections 22a-174-33(c)(2)(B) and (D), any premises that would be required to obtain a Title V permit solely because a stationary source on such premises is subject to 40 CFR Part 61 Subpart M, Section 61.145 is currently exempt from Title V permitting.

E. 40 CFR Part 63 - Maximum Achievable Control Technology

Indicate which 40 CFR Part 63 Subparts are applicable by checking the appropriate box. If you checked non-applicable (N/A), you must provide the reason in the "Why" column. Refer to the instructions for the appropriate letter code. See [40 CFR Part 63](#).

Clean Air Act Amendments 1990 Title I, Part A, Section 112 (c) (Source Categories by Alphabetical Order)

Source Category	40 CFR Part 63 Subpart	Final Federal Register Date & Citation	Compliance Date	Apply	N/A	Why
Aerospace Industries	GG	09/01/1995 (60FR45948)	09/01/1998	<input type="checkbox"/>	<input type="checkbox"/>	
Acrylic/Modacrylic Fiber (area sources)	LLLLLL (6L)	7/16/2007	--	<input type="checkbox"/>	<input type="checkbox"/>	
Asphalt Processing & Asphalt Roofing Manufacturing	LLLLL	04/29/2003 (68FR22975)	05/01/2006	<input type="checkbox"/>	<input type="checkbox"/>	
Auto & Light Duty Truck (surface coating)	IIII	04/26/04 (69FR22601)	04/26/2007	<input type="checkbox"/>	<input type="checkbox"/>	
Auto Body Refinishing (area sources)	HHHHHH (6H)	01/09/2008 (73FR1737)	--	<input type="checkbox"/>	<input type="checkbox"/>	
Boat Manufacturing	VVVV	08/22/2001 (66FR44217)	08/22/2004	<input type="checkbox"/>	<input type="checkbox"/>	
Brick and Structural Clay Products Manufacturing Clay Ceramics Manufacturing	JJJJJ KKKKK	05/16/2003 (68FR26689)	05/16/2006	<input type="checkbox"/>	<input type="checkbox"/>	
Carbon Black Production (area sources)	MMMMMM (6M)	07/16/2007 (72FR38864)	--	<input type="checkbox"/>	<input type="checkbox"/>	
Cellulose Products Manufacturing <ul style="list-style-type: none"> • Miscellaneous Viscose Processes <ul style="list-style-type: none"> Cellulose Food Casing Rayon Cellulosic Sponge Cellophane • Cellulose Ethers Production <ul style="list-style-type: none"> Caroxymethyl Cellulose Methyl Cellulose Cellulose Ethers 	UUUU	06/11/2002 (67FR40043)	06/11/2005	<input type="checkbox"/>	<input type="checkbox"/>	

Source Category	40 CFR Part 63 Subpart	Final Federal Register Date & Citation	Compliance Date	Apply	N/A	Why
Chemical Manufacturing Industry (area sources):CMAS	VVVVVV (6V)	10/29/09 (74FR56008)	--	<input type="checkbox"/>	<input type="checkbox"/>	
Chemical Preparations Industry	BBBBBBB (7B)	12/30/2009 (74FR69193)	--	<input type="checkbox"/>	<input type="checkbox"/>	
Chromium Compounds (area sources)	NNNNNN (6N)	07/16/2007 (72FR38864)	--	<input type="checkbox"/>	<input type="checkbox"/>	
Chromium Electroplating <ul style="list-style-type: none"> Chromic Acid Anodizing* Decorative Chromium Electroplating* Hard Chromium Electroplating* 	N	01/25/1995 (60FR4948)	Deco 1/25/1996 Hard & Anodozing 01/25/1997	<input type="checkbox"/>	<input type="checkbox"/>	
Clay Ceramics Manufacturing	KKKKK	05/16/2003 (68FR26689)	05/16/2006	<input type="checkbox"/>	<input type="checkbox"/>	
Clay Ceramic Manufacturing (area sources)	RRRRRR (6R)	12/26/2007 (72FR73180)	12/26/2007	<input type="checkbox"/>	<input type="checkbox"/>	
Coke Ovens: Charging, Top Side And Door Leaks	L	10/27/1993 (58FR57898)	Detailed in the rule	<input type="checkbox"/>	<input type="checkbox"/>	
Coke Ovens: Pushing, Quenching, and Battery Stacks	CCCCC	04/14/2003 (68FR18007)	04/14/2006	<input type="checkbox"/>	<input type="checkbox"/>	
Combustion Sources at Kraft, Soda and Sulfite Pulp & Paper Mills	MM	01/12/2001 (66FR3180)	01/12/2004	<input type="checkbox"/>	<input type="checkbox"/>	
Commercial Sterilizers <ul style="list-style-type: none"> Commercial Sterilization Facilities* 	O	12/06/1994 (59FR62585)	12/06/1998	<input type="checkbox"/>	<input type="checkbox"/>	

Source Category	40 CFR Part 63 Subpart	Final Federal Register Date & Citation	Compliance Date	Apply	N/A	Why
Dry Cleaning <ul style="list-style-type: none"> • Commercial Drycleaning (Perchloroethylene) - Dry-to-Dry Machines* • Commercial Drycleaning (Perchloroethylene) - Transfer Machines* • Industrial Drycleaning (Perchloroethylene) - Dry-to-Dry Machines • Industrial Drycleaning (Perchloroethylene) - Transfer Machines 	M	09/22/1993 (58FR49354)	09/23/1996	<input type="checkbox"/>	<input type="checkbox"/>	
Electric Arc Furnace Steelmaking Facilities (area sources)	YYYYY	12/28/2007 (72FR74088)	6/30/2008	<input type="checkbox"/>	<input type="checkbox"/>	
Engine Test Cells/Standards (Combined with the Rocket Testing Facilities)	PPPPP	05/27/2003 (68FR28774)	--	<input type="checkbox"/>	<input type="checkbox"/>	
Fabric Printing, Coating & Dyeing	OOOO	5/29/2003 (68FR32171)	5/29/2006	<input type="checkbox"/>	<input type="checkbox"/>	
Ferroalloys Production (major sources)	XXX	05/20/1999 (64FR27450)	05/20/2001	<input type="checkbox"/>	<input type="checkbox"/>	
Ferroalloys Production (area sources)	YYYYYY (6Y)	12/23/2008 (73FR78637)	12/23/2011	<input type="checkbox"/>	<input type="checkbox"/>	
Flexible Polyurethane Foam Fabrication Operation	MMMMM	04/14/2003 (68FR18061)	04/14/2004	<input type="checkbox"/>	<input type="checkbox"/>	
Flexible Polyurethane Foam Production and Fabrication (area sources)	III	10/07/1998 (63FR53980)	10/08/2001	<input type="checkbox"/>	<input type="checkbox"/>	
Friction Products Manufacturing	QQQQQ	10/18/2002 (67FR64497)	10/18/2005	<input type="checkbox"/>	<input type="checkbox"/>	
Gasoline Dispensing Facilities (area sources)	CCCCCC (6C)	01/10/2008 (73FR1916)	01/10/2011	<input type="checkbox"/>	<input type="checkbox"/>	
Gasoline Distribution - Stage I	R	12/14/1994 (59FR64303)	12/15/1997	<input type="checkbox"/>	<input type="checkbox"/>	

Source Category	40 CFR Part 63 Subpart	Final Federal Register Date & Citation	Compliance Date	Apply	N/A	Why
Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities (area sources)	BBBBBB (6B)	01/10/2008	01/10/2011	<input type="checkbox"/>	<input type="checkbox"/>	
General Provisions	A	--	--	<input type="checkbox"/>	<input type="checkbox"/>	
Generic MACT I <ul style="list-style-type: none"> Acetal Resins Production Hydrogen Fluoride Production Polycarbonates Production Acrylic Fibers/Modacrylic Fibers Production 	YY UU	06/29/1999 (64FR34853)	06/29/2002	<input type="checkbox"/>	<input type="checkbox"/>	
Generic MACT II <ul style="list-style-type: none"> Carbon Black Production Ethylene Processes Spandex Production 	YY UU	07/12/2002 (67FR46289)	07/12/2005	<input type="checkbox"/>	<input type="checkbox"/>	
Glass Manufacturing (area sources)	SSSSSS (6S)	12/26/2007 (72FR73180)	12/26/09 or upon startup	<input type="checkbox"/>	<input type="checkbox"/>	
Gold Mine Ore Processing and Production (area sources)	EEEEEEE (7E)	2/17/2011 (FR769450)	2/17/2014	<input type="checkbox"/>	<input type="checkbox"/>	
Halogenated Solvent Cleaners* not on list	T	12/02/1994 (59FR61801)	12/02/1997	<input type="checkbox"/>	<input type="checkbox"/>	
Hazardous Organic NESHAP Including: Synthetic Organic Chemical Manufacturing Industry (including Dodecanedioic Acid Production (S), Tetrahydrobenzaldehyde Production previously known as Butadiene Dimers Production (S))	F, G, H, I	04/22/1994 (59FR19402)	F/G-05/14/2001 H-05/12/1999 New Sources 05/12/1998	<input type="checkbox"/>	<input type="checkbox"/>	

Source Category	40 CFR Part 63 Subpart	Final Federal Register Date & Citation	Compliance Date	Apply	N/A	Why
Hazardous Waste Incineration*	EEE Parts 63, 261 and 270	09/30/1999 (64FR52827)	09/30/2003	<input type="checkbox"/>	<input type="checkbox"/>	
Hospitals: Ethylene Oxide Sterilizers (area sources)	WWWWW	12/28/2007 (72FR73611)	12/28/2007 (new sources) 12/28/2008 (existing sources)	<input type="checkbox"/>	<input type="checkbox"/>	
Hydrochloric Acid Production Including: Fumed Silica Production	NNNNN	04/17/2003 (68FR19075)	04/17/2006	<input type="checkbox"/>	<input type="checkbox"/>	
Industrial, Commercial and Institutional Boilers and Process Heaters – Major Sources	DDDDD	09/13/2007 (69FR52217)	09/13/2007	<input type="checkbox"/>	<input type="checkbox"/>	
Industrial, Commercial and Institutional Boilers and Process Heaters – Area Sources	JJJJJ (6J)	09/13/2007 (69FR52217)	09/13/2007	<input type="checkbox"/>	<input type="checkbox"/>	
Industrial Cooling Towers	Q	09/08/1994 (59FR46339)	03/08/1995	<input type="checkbox"/>	<input type="checkbox"/>	
Integrated Iron & Steel Manufacturing	FFFFF	05/20/2003 (68FR27645)	05/20/2006	<input type="checkbox"/>	<input type="checkbox"/>	
Iron & Steel Foundries (area sources)	ZZZZZ	01/02/2008 (73FR225)	01/02/2011	<input type="checkbox"/>	<input type="checkbox"/>	
Iron & Steel Foundries (Major Sources)	EEEEE	4/22/2004 (69FR21905)	4/22/2007	<input type="checkbox"/>	<input type="checkbox"/>	
Large Appliance (Surface Coating)	NNNN	07/23/2002 (67FR48253)	07/23/2005	<input type="checkbox"/>	<input type="checkbox"/>	
Lead Acid Battery Manufacturing (area sources)	PPPPPP (6P)	07/16/2007	--	<input type="checkbox"/>	<input type="checkbox"/>	

Source Category	40 CFR Part 63 Subpart	Final Federal Register Date & Citation	Compliance Date	Apply	N/A	Why
Leather Finishing Operations	TTTT	02/27/2002 (67FR915510)	02/27/2005	<input type="checkbox"/>	<input type="checkbox"/>	
Lime Manufacturing	AAAAA	01/05/04 (69FR393)	01/05/2007	<input type="checkbox"/>	<input type="checkbox"/>	
Magnetic Tape (Surface Coating)	EE	12/15/1994 (59FR64580)	w/o new control devices- 12/15/1996 w/new control devices-12/15/1997	<input type="checkbox"/>	<input type="checkbox"/>	
Manufacturing Nutritional Yeast (formerly Baker's Yeast)	CCCC	05/21/2001 (66FR27876)	05/21/2004	<input type="checkbox"/>	<input type="checkbox"/>	
Marine Vessel Loading Operations	Y	09/19/1995 (60FR48388)	MACT- 09/19/1999 RACT-09/19/1998	<input type="checkbox"/>	<input type="checkbox"/>	
Mercury Cell Chlor-Alkali Plants	IIII	12/19/2003 (68FR70903)	12/19/2006	<input type="checkbox"/>	<input type="checkbox"/>	
Metal Can (Surface Coating)	KKKK	11/13/2003 (68FR64431)	11/13/2006	<input type="checkbox"/>	<input type="checkbox"/>	
Metal Coil (Surface Coating)	SSSS	06/10/2002 (67FR39793)	06/10/2005	<input type="checkbox"/>	<input type="checkbox"/>	
Metal Fabrication and Finishing Source Nine Categories (area sources)	XXXXXX (6X)	07/25/2008 (73FR42978)	07/25/2011	<input type="checkbox"/>	<input type="checkbox"/>	
Metal Furniture (Surface Coating)	RRRR	05/23/2003 (68FR28605)	05/23/2006	<input type="checkbox"/>	<input type="checkbox"/>	
Mineral Wool Production	DDD	06/01/1999 (64FR29489)	06/01/2002	<input type="checkbox"/>	<input type="checkbox"/>	
Miscellaneous Coating Manufacturing	HHHHH	12/11/2003 (68FR69163)	12/11/2006	<input type="checkbox"/>	<input type="checkbox"/>	

Source Category	40 CFR Part 63 Subpart	Final Federal Register Date & Citation	Compliance Date	Apply	N/A	Why
Miscellaneous Metal Parts & Production (Surface Coating) Including : Asphalt / Coal Tar Application - Metal Pipes (S)	MMMM	01/02/2004 (69FR129)	01/02/2007	<input type="checkbox"/>	<input type="checkbox"/>	
Miscellaneous Organic Chemical Production & Processes (MON) <ul style="list-style-type: none"> • Alkyd Resins Production • Ammonium Sulfate Production - Caprolactam by-product plants • Benzyltrimethylammonium Chloride Production • Carbonyl Sulfide Production • Chelating Agents Production • Ethylidene Norbonene Production • Explosives Production • Hydrazine Production • Maleic Anhydride Copolymers Production • Manufacture of Paints, Coatings & Adhesives • OBPA / 1,3-Diisocyanate Production • Photographic Chemicals Production • Phthalate Plasticizers Production • Polyester Resins Production • Polymerized Vinylidene Chloride Production • Polymethyl Methacrylate Resins Production • Polyvinyl Acetate Emulsions Production • Polyvinyl Alcohol Production • Polyvinyl Butyral Production • Quaternary Ammonium Compounds Production • Rubber Chemicals Manufacturing • Symmetrical Tetrachloropyridine Production 	FFFF	11/10/2003 (68FR63851)	05/10/2008	<input type="checkbox"/>	<input type="checkbox"/>	
Municipal Solid Waste Landfills (formerly Municipal Landfills) (the rule applies to some area sources too)	AAAA	01/16/2003 (68FR2227)	--	<input type="checkbox"/>	<input type="checkbox"/>	
Natural Gas Transmission and Storage	HHH	06/17/1999 (64FR32610)	06/17/2002	<input type="checkbox"/>	<input type="checkbox"/>	
Nonferrous Foundries: Aluminum, Copper and Other (area sources)	ZZZZZ (6Z)	06/25/2009 (74FR30366)	Existing sources 06/27/2011 New sources upon startup	<input type="checkbox"/>	<input type="checkbox"/>	

Source Category	40 CFR Part 63 Subpart	Final Federal Register Date & Citation	Compliance Date	Apply	N/A	Why
Off-Site Waste and Recovery Operations	DD	07/01/1996 (61FR34140)	02/01/2000	<input type="checkbox"/>	<input type="checkbox"/>	
Oil and Natural Gas Production includes area sources	HH	06/17/1999 (64FR32609)	06/17/2002	<input type="checkbox"/>	<input type="checkbox"/>	
Organic Liquids Distribution (Non-Gasoline)	EEEE	02/03/2004 (69FR5038)	02/03/2007	<input type="checkbox"/>	<input type="checkbox"/>	
Paint Stripping and Miscellaneous Surface Coating Operations (area sources)	HHHHHH (6H)	01/09/2008 (73FR1737)	--	<input type="checkbox"/>	<input type="checkbox"/>	
Paper and other Web (Surface Coating)	JJJJ	12/04/2002 (65FR72341)	12/04/2005	<input type="checkbox"/>	<input type="checkbox"/>	
Pesticide Active Ingredient Production <ul style="list-style-type: none"> • 4-Chloro-2-Methyl Acid (S) • 2,4 Salts & Esters Production (S) • 4,6-dinitro-o-cresol Production (S) • Butadiene Furfural Cotrimer (S) • Captafol Production (S) • Captan Production (S) • Chloroneb Production (S) • Chlorothalonil Production (S) • Dacthal™ Production (S) • Sodium Pentachlorophenate Production (S) • Tordon™ Acid Production (S) 	MMM	06/23/1999 (64FR33549)	12/23/2003	<input type="checkbox"/>	<input type="checkbox"/>	
Petroleum Refineries – Catalytic Cracking, Catalytic Reforming Units, and Sulfur Recovery Units (formerly Petroleum Refineries – Catalytic Cracking (Fluid and Other) Units, Catalytic Reforming Units, and Sulfur Plant Units)	UUU	04/11/2002 (67FR17761)	04/11/2005	<input type="checkbox"/>	<input type="checkbox"/>	
Petroleum Refineries – Other sources not distinctly listed	CC	08/18/1995 (60FR43244)	08/18/1998	<input type="checkbox"/>	<input type="checkbox"/>	
Pharmaceuticals Production	GGG	09/21/1998 (63FR50280)	09/21/2001	<input type="checkbox"/>	<input type="checkbox"/>	

Source Category	40 CFR Part 63 Subpart	Final Federal Register Date & Citation	Compliance Date	Apply	N/A	Why
Phosphoric Acid Manufacturing Phosphate Fertilizers Production	AA BB	6/10/1999 (64FR31358)	06/10/2002	<input type="checkbox"/>	<input type="checkbox"/>	
Plastic Parts (Surface Coating)	PPPP	04/19/2004 (69FR20968)	04/19/2007	<input type="checkbox"/>	<input type="checkbox"/>	
Plating and Polishing Operations (area sources)	WWWWWW (6W)	07/01/2008 (73FR37728)	07/01/2010	<input type="checkbox"/>	<input type="checkbox"/>	
Plywood and Composite Wood Products (formerly Plywood/Particle Board Manufacturing)	DDDD	07/30/2004 (69FR45943)	--	<input type="checkbox"/>	<input type="checkbox"/>	
Polyether Polyols Production	PPP	06/01/1999 (64FR29419)	06/01/2002	<input type="checkbox"/>	<input type="checkbox"/>	
Polymers & Resins I <ul style="list-style-type: none"> • Butyl Rubber Production • Epichlorohydrin Elastomers Production • Ethylene-Propylene Rubber Production • Hypalon (TM) Production • Neoprene Production • Nitrile Butadiene Rubber Production • Polybutadiene Rubber Production • Polysulfide Rubber Production • Styrene-Butadiene Rubber and Latex Production 	U	09/05/1996 (61FR46905)	07/31/1997	<input type="checkbox"/>	<input type="checkbox"/>	
Polymers & Resins II <ul style="list-style-type: none"> • Epoxy Resins Production • Non-nylon Polyamides Production 	W	03/08/1995 (60FR12670)	03/03/1998	<input type="checkbox"/>	<input type="checkbox"/>	
Polymers & Resins III <ul style="list-style-type: none"> • Amino Resins Production • Phenolic Resins Production 	OOO	01/20/2000 (65FR3275)	01/20/2003	<input type="checkbox"/>	<input type="checkbox"/>	

Source Category	40 CFR Part 63 Subpart	Final Federal Register Date & Citation	Compliance Date	Apply	N/A	Why
Polymers & Resins IV <ul style="list-style-type: none"> • Acrylonitrile-Butadiene-Styrene Production • Methyl Methacrylate-Acrylonitrile-Styrene Production • Methyl Methacrylate-Butadiene-Styrene Production • Polystyrene • Nitrile Resins Production • Polyethylene Terephthalate Production • Styrene-Acrylonitrile Production 	JJJ	09/12/1996 (61FR48208)	07/31/1997	<input type="checkbox"/>	<input type="checkbox"/>	
Polyvinyl Chloride and Copolymers Production	J	07/10/2002 (67FR45885)	07/10/2005	<input type="checkbox"/>	<input type="checkbox"/>	
Polyvinyl Chloride and Copolymers Production (area sources)	DDDDDD (6D)			<input type="checkbox"/>	<input type="checkbox"/>	
Portland Cement Manufacturing*	LLL	06/14/1999 (64FR31897)	06/10/2002	<input type="checkbox"/>	<input type="checkbox"/>	
Primary Aluminum Production	LL	10/07/1997 (62FR52383)	10/07/1999	<input type="checkbox"/>	<input type="checkbox"/>	
Primary Copper	QQQ	06/12/2002 (67FR40477)	06/12/2005	<input type="checkbox"/>	<input type="checkbox"/>	
Primary Copper Smelting (area sources)	EEEEEE (6E)	01/23/2007 (64FR30194)	--	<input type="checkbox"/>	<input type="checkbox"/>	
Primary Lead Smelting	TTT	06/04/1999 (64FR30194)	05/04/2001	<input type="checkbox"/>	<input type="checkbox"/>	
Primary Magnesium Refining	TTTTT	10/10/2003 (68FR58615)	10/11/2004	<input type="checkbox"/>	<input type="checkbox"/>	
Primary Nonferrous Metals – Zinc, Cadmium and Beryllium (area sources)	GGGGGG (6G)	01/23/2007 (72FR2930)	--	<input type="checkbox"/>	<input type="checkbox"/>	
Printing/Publishing (Surface Coating)	KK	05/30/1996 (61FR27132)	05/30/1999	<input type="checkbox"/>	<input type="checkbox"/>	

Source Category	40 CFR Part 63 Subpart	Final Federal Register Date & Citation	Compliance Date	Apply	N/A	Why
Publicly Owned Treatment Works (POTW)	VVV	10/26/1999 (64FR57572)	10/26/2002	<input type="checkbox"/>	<input type="checkbox"/>	
Pulp & Paper Production (Non-Combust) MACT I	S	04/15/1998 (63FR18504) 03/08/1996 (61FR9383)	04/15/2001 04/16/2001	<input type="checkbox"/>	<input type="checkbox"/>	
Reciprocating Internal Combustion Engines (RICE) includes area sources	ZZZZ	06/15/2004 (69FR33473)	06/15/2007	<input type="checkbox"/>	<input type="checkbox"/>	
Refractory Products Manufacturing	SSSSS	04/16/2003 (68FR18729)	New or Reconstructed 04/16/2003 Existing 04/17/2006	<input type="checkbox"/>	<input type="checkbox"/>	
Reinforced Plastic Composites Production	WWWW	04/21/2003 (68FR19375)	04/21/2006	<input type="checkbox"/>	<input type="checkbox"/>	
Rubber Tire Manufacturing	XXXX	07/09/2002 (67FR45598)	07/11/2005	<input type="checkbox"/>	<input type="checkbox"/>	
Secondary Aluminum Production*	RRR	03/23/2000 (65FR15689)	Existing sources 03/24/2003 New sources 03/23/2000 or startup	<input type="checkbox"/>	<input type="checkbox"/>	
Secondary Copper Smelting (area sources)	FFFFFF (6F)	01/23/2007 (72FR2930)	--	<input type="checkbox"/>	<input type="checkbox"/>	
Secondary Lead Smelters	X	06/23/1995 (60FR32587)	06/23/1997	<input type="checkbox"/>	<input type="checkbox"/>	
Secondary Nonferrous Metals Processing (Brass, Bronze, Magnesium and Zinc) (area sources)	TTTTTT (6T)	12/26/2007 (72FR73180)	Existing sources 12/26/2007 new sources upon startup	<input type="checkbox"/>	<input type="checkbox"/>	
Semiconductor Manufacturing	BBBBB	05/22/2003 (68FR27913)	05/22/2006	<input type="checkbox"/>	<input type="checkbox"/>	

Source Category	40 CFR Part 63 Subpart	Final Federal Register Date & Citation	Compliance Date	Apply	N/A	Why
Shipbuilding and Ship Repair (Surface Coating)	II	12/15/1995 (60FR64330)	12/16/1996	<input type="checkbox"/>	<input type="checkbox"/>	
Site Remediation	GGGGG	10/08/2003 (68FR58171)	10/08/2006	<input type="checkbox"/>	<input type="checkbox"/>	
Solvent Extraction for Vegetable Oil Production (formerly Vegetable Oil Production)	GGGG	04/12/2001 (66FR19006)	04/12/2004	<input type="checkbox"/>	<input type="checkbox"/>	
Stationary Combustion Turbines	YYYY	03/05/2004 (69FR10511)	03/05/2007	<input type="checkbox"/>	<input type="checkbox"/>	
Steel Pickling - HCl Process Facilities and Hydrochloric Acid Regeneration Plants	CCC	06/22/1999 (64FR33202)	06/22/2001	<input type="checkbox"/>	<input type="checkbox"/>	
Taconite Iron Ore Processing	RRRRR	10/30/2003	10/30/2006	<input type="checkbox"/>	<input type="checkbox"/>	
Tetrahydrobenzaldehyde Manufacture (formerly Butadiene Dimers production)	F	05/12/1998	05/12/2001	<input type="checkbox"/>	<input type="checkbox"/>	
Utility NESHAP	UUUUU			<input type="checkbox"/>	<input type="checkbox"/>	
Wet Formed Fiberglass Mat Production	HHHH	04/11/2002 (67FR17823)	04/11/2005	<input type="checkbox"/>	<input type="checkbox"/>	
Wood Building Products (Surface Coating) (formerly Flat Wood Paneling Products)	QQQQ	05/28/2003 (68FR31745)	05/28/2006	<input type="checkbox"/>	<input type="checkbox"/>	
Wood Furniture (Surface Coating)	JJ	12/07/1995 (60FR62930)	11/21/1997	<input type="checkbox"/>	<input type="checkbox"/>	
Wood Preserving (area sources)	QQQQQQ (6Q)	07/16/2007 (72FR38864)	--	<input type="checkbox"/>	<input type="checkbox"/>	
Wool Fiberglass Manufacturing	NNN	06/14/1999 (64FR31695)	06/14/2002	<input type="checkbox"/>	<input type="checkbox"/>	

Source Category	40 CFR Part 63 Subpart	Final Federal Register Date & Citation	Compliance Date	Apply	N/A	Why
Other:				<input type="checkbox"/>	<input type="checkbox"/>	
Other:				<input type="checkbox"/>	<input type="checkbox"/>	
Other:				<input type="checkbox"/>	<input type="checkbox"/>	
Other:				<input type="checkbox"/>	<input type="checkbox"/>	
Other:				<input type="checkbox"/>	<input type="checkbox"/>	

* Denotes area and point source categories
(S) Denotes subsumed source category

F. 40 CFR Part 68 – Chemical Accident Prevention Provisions

Regulated Toxic Substances and Threshold Quantities for Accidental Release Prevention

If the facility produces, processes, stores or uses any of the substances, in excess of the threshold listed in the following table, it may be subject to the requirements regulated under Section 112(r) of the Clean Air Act.

Indicate which 40 CFR Part 68 toxic substances are emitted at or above the threshold quantity listed by checking the appropriate box. See [Table 1 to 40 CFR §68.130](#).

Toxic Substances in Alphabetical Order (77)

Chemical Name	CAS No.	Threshold Quantity (lbs)	Apply	N/A
Acrolein [2-Propenal]	107-02-8	5,000	<input type="checkbox"/>	<input type="checkbox"/>
Acrylonitrile [2-Propenenitrile]	107-13-1	20,000	<input type="checkbox"/>	<input type="checkbox"/>
Acrylyl chloride [2-Propenoyl chloride]	814-68-6	5,000	<input type="checkbox"/>	<input type="checkbox"/>
Allyl alcohol [2-Propen-1-ol]	107-18-61	15,000	<input type="checkbox"/>	<input type="checkbox"/>
Allylamine [2-Propen-1-amine]	107-11-9	10,000	<input type="checkbox"/>	<input type="checkbox"/>
Ammonia (anhydrous)	7664-41-7	10,000	<input type="checkbox"/>	<input type="checkbox"/>
Ammonia (conc 20% or greater)	7664-41-7	20,000	<input type="checkbox"/>	<input type="checkbox"/>
Arsenous trichloride	7784-34-1	15,000	<input type="checkbox"/>	<input type="checkbox"/>
Arsine	7784-42-1	1,000	<input type="checkbox"/>	<input type="checkbox"/>
Boron trichloride [Borane, trichloro-]	10294-34-5	5,000	<input type="checkbox"/>	<input type="checkbox"/>
Boron trifluoride [Borane, trifluoro-]	7637-07-2	5,000	<input type="checkbox"/>	<input type="checkbox"/>
Boron trifluoride compound with methyl ether (1:1) [Boron, trifluoro[oxybis[methane]]-, T-4-	353-42-4	15,000	<input type="checkbox"/>	<input type="checkbox"/>
Bromine	7726-95-6	10,000	<input type="checkbox"/>	<input type="checkbox"/>
Carbon disulfide	75-15-0	20,000	<input type="checkbox"/>	<input type="checkbox"/>
Chlorine	7782-50-5	2,500	<input type="checkbox"/>	<input type="checkbox"/>
Chlorine dioxide [Chlorine oxide (ClO ₂)]	10049-04-4	1,000	<input type="checkbox"/>	<input type="checkbox"/>
Chloroform [Methane, trichloro-]	67-66-3	20,000	<input type="checkbox"/>	<input type="checkbox"/>
Chloromethyl ether [Methane, oxybis[chloro-]	542-88-1	1,000	<input type="checkbox"/>	<input type="checkbox"/>
Chloromethyl methyl ether [Methane, chloromethoxy-]	107-30-2	5,000	<input type="checkbox"/>	<input type="checkbox"/>
Crotonaldehyde [2-Butenal]	4170-30-3	20,000	<input type="checkbox"/>	<input type="checkbox"/>
Crotonaldehyde, (E)- [2-Butenal, (E)-]	123-73-9	20,000	<input type="checkbox"/>	<input type="checkbox"/>
Cyanogen chloride	506-77-4	10,000	<input type="checkbox"/>	<input type="checkbox"/>
Cyclohexylamine [Cyclohexanamine]	108-91-8	15,000	<input type="checkbox"/>	<input type="checkbox"/>
Diborane	19287-45-7	2,500	<input type="checkbox"/>	<input type="checkbox"/>
Dimethyldichlorosilane [Silane, dichlorodimethyl-]	75-78-5	5,000	<input type="checkbox"/>	<input type="checkbox"/>
1,1-Dimethylhydrazine [Hydrazine, 1, 1-dimethyl-]	57-14-7	15,000	<input type="checkbox"/>	<input type="checkbox"/>
Epichlorohydrin [Oxirane, (chloromethyl)-]	106-89-8	20,000	<input type="checkbox"/>	<input type="checkbox"/>
Ethylendiamine [1,2-Ethanediamine]	107-15-3	20,000	<input type="checkbox"/>	<input type="checkbox"/>

Chemical Name	CAS No.	Threshold Quantity (lbs)	Apply	N/A
Ethyleneimine [Aziridine]	151-56-4	10,000	<input type="checkbox"/>	<input type="checkbox"/>
Ethylene oxide [Oxirane]	75-21-8	10,000	<input type="checkbox"/>	<input type="checkbox"/>
Fluorine	7782-41-4	1,000	<input type="checkbox"/>	<input type="checkbox"/>
Formaldehyde (solution)	50-00-0	15,000	<input type="checkbox"/>	<input type="checkbox"/>
Furan	110-00-9	5,000	<input type="checkbox"/>	<input type="checkbox"/>
Hydrazine	302-01-2	15,000	<input type="checkbox"/>	<input type="checkbox"/>
Hydrochloric acid (concentration 37% or greater)	7647-01-0	15,000	<input type="checkbox"/>	<input type="checkbox"/>
Hydrocyanic acid	74-90-8	2,500	<input type="checkbox"/>	<input type="checkbox"/>
Hydrogen chloride (anhydrous) [Hydrochloric acid]	7647-01-0	5,000	<input type="checkbox"/>	<input type="checkbox"/>
Hydrogen fluoride/Hydrofluoric acid (conc 50% or greater) [Hydrofluoric acid]	7664-39-3	1,000	<input type="checkbox"/>	<input type="checkbox"/>
Hydrogen selenide	7783-07-5	500	<input type="checkbox"/>	<input type="checkbox"/>
Hydrogen sulfide	7783-06-4	10,000	<input type="checkbox"/>	<input type="checkbox"/>
Iron, pentacarbonyl- [Iron carbonyl (Fe(CO) ₅), (TB-5-11)-]	13463-40-6	2,500	<input type="checkbox"/>	<input type="checkbox"/>
Isopropyl chloroformate [Carbonochloridic acid, 1-methylethyl ester]	108-23-6	15,000	<input type="checkbox"/>	<input type="checkbox"/>
Methacrylonitrile [2-Propenenitrile, 2-methyl-]	126-98-7	10,000	<input type="checkbox"/>	<input type="checkbox"/>
Methyl chloride [Methane, chloro-]	74-87-3	10,000	<input type="checkbox"/>	<input type="checkbox"/>
Methyl chloroformate [Carbonochloridic acid, methylester]	79-22-1	5,000	<input type="checkbox"/>	<input type="checkbox"/>
Methyl hydrazine [Hydrazine, methyl-]	60-34-4	15,000	<input type="checkbox"/>	<input type="checkbox"/>
Methyl isocyanate [Methane, isocyanato-]	60-83-9	10,000	<input type="checkbox"/>	<input type="checkbox"/>
Methyl mercaptan [Methanethiol]	74-93-1	10,000	<input type="checkbox"/>	<input type="checkbox"/>
Methyl thiocyanate [Thiocyanic acid, methyl ester]	556-64-9	20,000	<input type="checkbox"/>	<input type="checkbox"/>
Methyltrichlorosilane [Silane, trichloromethyl-]	75-79-6	5,000	<input type="checkbox"/>	<input type="checkbox"/>
Nickel carbonyl	13463-39-3	1,000	<input type="checkbox"/>	<input type="checkbox"/>
Nitric acid (conc 80% or greater)	7697-37-2	15,000	<input type="checkbox"/>	<input type="checkbox"/>
Nitric oxide [Nitrogen oxide (NO)]	10102-43-9	10,000	<input type="checkbox"/>	<input type="checkbox"/>
Oleum (Fuming Sulfuric acid) [Sulfuric acid, mixture with sulfur trioxide] {1}	8014-95-7	10,000	<input type="checkbox"/>	<input type="checkbox"/>
Peracetic acid [Ethaneperoxoic acid]	79-21-0	10,000	<input type="checkbox"/>	<input type="checkbox"/>
Perchloromethylmercaptan [Methanesulfonyl chloride, trichloro-]	594-42-3	10,000	<input type="checkbox"/>	<input type="checkbox"/>
Phosgene [Carbonic dichloride]	75-44-5	500	<input type="checkbox"/>	<input type="checkbox"/>
Phosphine	7803-51-2	5,000	<input type="checkbox"/>	<input type="checkbox"/>
Phosphorus oxychloride [Phosphoryl chloride]	10025-87-3	5,000	<input type="checkbox"/>	<input type="checkbox"/>
Phosphorus trichloride [Phosphorus trichloride]	7719-12-2	15,000	<input type="checkbox"/>	<input type="checkbox"/>
Piperidine	110-89-4	15,000	<input type="checkbox"/>	<input type="checkbox"/>
Propionitrile [Propanenitrile]	107-12-0	10,000	<input type="checkbox"/>	<input type="checkbox"/>

Chemical Name	CAS No.	Threshold Quantity (lbs)	Apply	N/A
Propyl chloroformate [Carbonochloridic acid, propylester]	109-61-5	15,000	<input type="checkbox"/>	<input type="checkbox"/>
Propyleneimine [Aziridine, 2-methyl-]	75-55-8	10,000	<input type="checkbox"/>	<input type="checkbox"/>
Propylene oxide [Oxirane, methyl-]	75-56-9	10,000	<input type="checkbox"/>	<input type="checkbox"/>
Sulfur dioxide (anhydrous)	7446-09-5	5,000	<input type="checkbox"/>	<input type="checkbox"/>
Sulfur tetrafluoride [Sulfur fluoride (SF ₄), (T-4)-]	7783-60-0	2,500	<input type="checkbox"/>	<input type="checkbox"/>
Sulfur trioxide	7446-11-9	10,000	<input type="checkbox"/>	<input type="checkbox"/>
Tetramethyllead [Plumbane, tetramethyl-]	75-74-1	10,000	<input type="checkbox"/>	<input type="checkbox"/>
Tetranitromethane [Methane, tetranitro-]	509-14-8	10,000	<input type="checkbox"/>	<input type="checkbox"/>
Titanium tetrachloride [Titanium chloride (TiCl ₄) (T-4)-]	7550-45-0	2,500	<input type="checkbox"/>	<input type="checkbox"/>
Toluene 2,4-dioscyanate [Benzene, 2,4-dioscyanato-1-methyl-] {1}	584-84-9	10,000	<input type="checkbox"/>	<input type="checkbox"/>
Toluene 2,6-dioscyanate [Benzene, 1,3-dioscyanato-2-methyl-] {1}	91-08-7	10,000	<input type="checkbox"/>	<input type="checkbox"/>
Toluene dioscyanate (unspecified isomer) [Benzene, 1,3-dioscyanatomethyl-] {1}	26471-62-5	10,000	<input type="checkbox"/>	<input type="checkbox"/>
Trimethylchlorosilane [Silane, chlorotrimethyl-]	75-77-4	10,000	<input type="checkbox"/>	<input type="checkbox"/>
Vinyl acetate monomer [Acetic acid ethenyl ester]	108-05-4	15,000	<input type="checkbox"/>	<input type="checkbox"/>

G. 40 CFR Part 68 – Chemical Accident Prevention Provisions

Regulated Flammable Substances and Threshold Quantities for Accidental Release Prevention

If the facility produces, processes, stores or uses any of the substances, in excess of the threshold listed in the following table, it may be subject to the requirements regulated under Section 112(r) of the Clean Air Act.

Indicate which 40 CFR Part 68 substances are emitted at or above the threshold quantity listed by checking the appropriate box. See Table 3 to [40 CFR §68.130](#).

Flammable Substances in Alphabetical Order (63)

Chemical Name	CAS No.	Threshold Quantity (lbs)	Apply	N/A
Acetaldehyde	75-07-0	10,000	<input type="checkbox"/>	<input type="checkbox"/>
Acetylene [Ethylene]	74-86-2	10,000	<input type="checkbox"/>	<input type="checkbox"/>
Bromotrifluoroethylene [Ethene, bromotrifluoro-]	598-73-2	10,000	<input type="checkbox"/>	<input type="checkbox"/>
1,3-Butadiene	106-99-0	10,000	<input type="checkbox"/>	<input type="checkbox"/>
Butane	106-97-8	10,000	<input type="checkbox"/>	<input type="checkbox"/>
1-Butene	106-98-9	10,000	<input type="checkbox"/>	<input type="checkbox"/>
2-Butene	107-01-7	10,000	<input type="checkbox"/>	<input type="checkbox"/>
Butene	25167-67-3	10,000	<input type="checkbox"/>	<input type="checkbox"/>
2-Butene-cis	590-18-1	10,000	<input type="checkbox"/>	<input type="checkbox"/>
2-Butene-trans [2-Butene, (E)]	624-64-6	10,000	<input type="checkbox"/>	<input type="checkbox"/>
Carbon oxysulfide [Carbon oxide sulfide (COS)]	463-58-1	10,000	<input type="checkbox"/>	<input type="checkbox"/>

Chemical Name	CAS No.	Threshold Quantity (lbs)	Apply	N/A
Chlorine monoxide [Chlorine oxide]	7791-21-1	10,000	<input type="checkbox"/>	<input type="checkbox"/>
2-Chloropropylene [1-Propene, 2-chloro-]	557-98-2	10,000	<input type="checkbox"/>	<input type="checkbox"/>
1-Chloropropylene [1-Propene, 1-chloro-]	509-21-6	10,000	<input type="checkbox"/>	<input type="checkbox"/>
Cyanogen [Ethanedinitrile]	460-19-5	10,000	<input type="checkbox"/>	<input type="checkbox"/>
Cyclopropane	75-19-4	10,000	<input type="checkbox"/>	<input type="checkbox"/>
Dichlorosilane [Silane, dichloro-]	4109-96-0	10,000	<input type="checkbox"/>	<input type="checkbox"/>
Difluoroethane [Ethane, 1, 1-difluoro-]	75-37-6	10,000	<input type="checkbox"/>	<input type="checkbox"/>
Dimethylamine [Methanamine, N-methyl-]	124-40-3	10,000	<input type="checkbox"/>	<input type="checkbox"/>
2,2-Dimethylpropane [Propane, 2,2-dimethyl-]	463-82-1	10,000	<input type="checkbox"/>	<input type="checkbox"/>
Ethane	74-84-0	10,000	<input type="checkbox"/>	<input type="checkbox"/>
Ethyl acetylene [1-Butyne]	107-00-6	10,000	<input type="checkbox"/>	<input type="checkbox"/>
Ethylamine [Ethanamine]	75-04-7	10,000	<input type="checkbox"/>	<input type="checkbox"/>
Ethyl chloride [Ethane, chloro-]	75-00-3	10,000	<input type="checkbox"/>	<input type="checkbox"/>
Ethylene [Ethene]	74-85-1	10,000	<input type="checkbox"/>	<input type="checkbox"/>
Ethyl ether [Ethane, 1,1'-oxybis-]	60-29-7	10,000	<input type="checkbox"/>	<input type="checkbox"/>
Ethyl mercaptan [Ethanethiol]	75-08-1	10,000	<input type="checkbox"/>	<input type="checkbox"/>
Ethyl nitrite [Nitrous acid, ethyl ester]	109-95-5	10,000	<input type="checkbox"/>	<input type="checkbox"/>
Hydrogen	1333-74-0	10,000	<input type="checkbox"/>	<input type="checkbox"/>
Isobutane [Propane, 2-methyl]	75-28-5	10,000	<input type="checkbox"/>	<input type="checkbox"/>
Isopentane [Butane, 2-methyl-]	78-78-4	10,000	<input type="checkbox"/>	<input type="checkbox"/>
Isoprene [1,3-Butadiene, 2-methyl-]	78-79-5	10,000	<input type="checkbox"/>	<input type="checkbox"/>
Isopropylamine [2-Propanamine]	75-31-0	10,000	<input type="checkbox"/>	<input type="checkbox"/>
Isopropyl chloride [Propane, 2-chloro-]	75-29-6	10,000	<input type="checkbox"/>	<input type="checkbox"/>
Methane	74-82-8	10,000	<input type="checkbox"/>	<input type="checkbox"/>
Methylamine [Methanamine]	74-89-5	10,000	<input type="checkbox"/>	<input type="checkbox"/>
3-Methyl-1-butene	563-45-1	10,000	<input type="checkbox"/>	<input type="checkbox"/>
Methyl formate [Formic acid, methyl ester]	107-31-3	10,000	<input type="checkbox"/>	<input type="checkbox"/>
2-Methylpropene [1-Propene, 2-methyl-]	115-11-7	10,000	<input type="checkbox"/>	<input type="checkbox"/>
1,3-Pentadiene	504-60-9	10,000	<input type="checkbox"/>	<input type="checkbox"/>
Pentane	109-66-0	10,000	<input type="checkbox"/>	<input type="checkbox"/>
1-Pentene	109-67-1	10,000	<input type="checkbox"/>	<input type="checkbox"/>
2-Pentene, (E)-	646-04-8	10,000	<input type="checkbox"/>	<input type="checkbox"/>
2-Pentene, (Z)-	627-20-3	10,000	<input type="checkbox"/>	<input type="checkbox"/>
Propadiene [1,2-Propadiene]	463-49-0	10,000	<input type="checkbox"/>	<input type="checkbox"/>
Propane	74-98-6	10,000	<input type="checkbox"/>	<input type="checkbox"/>
Propylene [1,2-Propene]	115-07-1	10,000	<input type="checkbox"/>	<input type="checkbox"/>

Chemical Name	CAS No.	Threshold Quantity (lbs)	Apply	N/A
Propyne [1-Propyne]	74-99-7	10,000	<input type="checkbox"/>	<input type="checkbox"/>
Silane	7803-62-5	10,000	<input type="checkbox"/>	<input type="checkbox"/>
Tetrafluoroethylene [Ethene, tetrafluoro-]	116-14-3	10,000	<input type="checkbox"/>	<input type="checkbox"/>
Tetramethylsilane [Silane, tetramethyl-]	75-76-3	10,000	<input type="checkbox"/>	<input type="checkbox"/>
Trichlorosilane [Silane, trichloro-]	10025-78-2	10,000	<input type="checkbox"/>	<input type="checkbox"/>
Trifluorochloroethylene [Ethene, chlorotrifluoro-]	79-38-9	10,000	<input type="checkbox"/>	<input type="checkbox"/>
Trimethylamine [Methanamine, N,N-dimethyl-]	75-50-3	10,000	<input type="checkbox"/>	<input type="checkbox"/>
Vinyl acetylene [1-Buten-3-yne]	689-97-4	10,000	<input type="checkbox"/>	<input type="checkbox"/>
Vinyl chloride [Ethene, chloro-]	75-01-4	10,000	<input type="checkbox"/>	<input type="checkbox"/>
Vinyl ethyl ether [Ethene, ethoxy-]	109-92-2	10,000	<input type="checkbox"/>	<input type="checkbox"/>
Vinyl fluoride [Ethene, fluoro-]	75-02-5	10,000	<input type="checkbox"/>	<input type="checkbox"/>
Vinylidene chloride [Ethene, 1,1-dichloro-]	75-35-4	10,000	<input type="checkbox"/>	<input type="checkbox"/>
Vinylidene fluoride [Ethene, 1,1-difluoro-]	75-38-7	10,000	<input type="checkbox"/>	<input type="checkbox"/>
Vinyl methyl ether [Ethene, methoxy-]	107-25-5	10,000	<input type="checkbox"/>	<input type="checkbox"/>

H. 40 CFR PARTS 72-78 – Acid Rain Requirements

Check the appropriate boxes to determine 40 CFR Parts 72-78 applicability.

Does the facility burn fossil fuel and generate electricity for wholesale or retail sale, such as a co-generation facility, a qualifying facility (as defined in the Federal Power Act), independent power producer, or solid waste incinerator?

- No If no, the facility **is not** subject to Acid Rain Requirements.
- Yes If Yes, the facility **may be** subject to Acid Rain Requirements and an acid rain permit application must be completed. For more information, contact the Bureau of Air Management, Engineering Section at 860-424-4152.

I. 40 CFR Part 82 - Class I and Class II Controlled Substances

Appendix A and B to 40 CFR Part 82 Subpart A

If the facility produces, processes, stores or uses any of the Class I Controlled Substances listed in the following tables, it may be subject to the requirements regulated under 40 CFR Part 82. Compliance with the standards for recycling and emissions reduction of products using ozone depleting substances is required pursuant to 40 CFR Part 82 Subpart F. Review the following list to determine 40 CFR Part 82 applicability. See [40 CFR Part 82](#).

A. Class I Group I

Class I Controlled Substances	Ozone Depletion Potential	Apply	N/A
CFCl ₃ - Trichlorofluoromethane (CFC-11)	1.0	<input type="checkbox"/>	<input type="checkbox"/>
CF ₂ Cl ₂ - Dichlorodifluoromethane (CFC-12)	1.0	<input type="checkbox"/>	<input type="checkbox"/>
C ₂ F ₃ Cl ₃ - Trichlorotrifluoroethane (CFC-113)	0.8	<input type="checkbox"/>	<input type="checkbox"/>
C ₂ F ₄ Cl ₂ - Dichlorotetrafluoroethane (CFC-114)	1.0	<input type="checkbox"/>	<input type="checkbox"/>
C ₂ F ₅ Cl - Monochloropentafluoroethane (CFC-115)	0.6	<input type="checkbox"/>	<input type="checkbox"/>
All isomers of the above chemicals		<input type="checkbox"/>	<input type="checkbox"/>

B. Class I Group II

Class I Controlled Substances	Ozone Depletion Potential	Apply	N/A
CF ₂ ClBr - Bromochlorodifluoromethane (Halon-1211)	3.0	<input type="checkbox"/>	<input type="checkbox"/>
CF ₃ Br - Bromotrifluoromethane (Halon-1301)	10.0	<input type="checkbox"/>	<input type="checkbox"/>
C ₂ F ₄ Br ₂ - Dibromotetrafluoroethane (Halon-2402)	6.0	<input type="checkbox"/>	<input type="checkbox"/>
All isomers of the above chemicals		<input type="checkbox"/>	<input type="checkbox"/>

C. Class I Group III

Class I Controlled Substances	Ozone Depletion Potential	Apply	N/A
CF ₃ Cl - Chlorotrifluoromethane (CFC-13)	1.0	<input type="checkbox"/>	<input type="checkbox"/>
C ₂ FCl ₅ - (CFC-111)	1.0	<input type="checkbox"/>	<input type="checkbox"/>
C ₂ F ₂ Cl ₄ - (CFC-112)	1.0	<input type="checkbox"/>	<input type="checkbox"/>
C ₃ FCl ₇ - (CFC-211)	1.0	<input type="checkbox"/>	<input type="checkbox"/>
C ₃ F ₂ Cl ₆ - (CFC-212)	1.0	<input type="checkbox"/>	<input type="checkbox"/>
C ₃ F ₃ Cl ₅ - (CFC-213)	1.0	<input type="checkbox"/>	<input type="checkbox"/>
C ₃ F ₄ Cl ₄ - (CFC-214)	1.0	<input type="checkbox"/>	<input type="checkbox"/>
C ₃ F ₅ Cl ₃ - (CFC-215)	1.0	<input type="checkbox"/>	<input type="checkbox"/>
C ₃ F ₆ Cl ₂ - (CFC-216)	1.0	<input type="checkbox"/>	<input type="checkbox"/>
C ₃ F ₇ Cl - (CFC-217)	1.0	<input type="checkbox"/>	<input type="checkbox"/>
All isomers of the above chemicals		<input type="checkbox"/>	<input type="checkbox"/>

D. Class I Group IV

Class I Controlled Substances	Ozone Depletion Potential	Apply	N/A
CCl ₄ - Carbon Tetrachloride	1.1	<input type="checkbox"/>	<input type="checkbox"/>

E. Class I Group V

Class I Controlled Substances	Ozone Depletion Potential	Apply	N/A
C ₂ H ₃ Cl ₃ - 1,1,1 Trichloroethane (Methyl chloroform)	0.1	<input type="checkbox"/>	<input type="checkbox"/>
All isomers of the above chemical except, 1,1,2-trichloroethane		<input type="checkbox"/>	<input type="checkbox"/>

F. Class I Group VI

Class I Controlled Substances	Ozone Depletion Potential	Apply	N/A
CH ₃ Br - Bromomethane (Methyl Bromide)	0.7	<input type="checkbox"/>	<input type="checkbox"/>

G. Class I Group VII

Class I Controlled Substances	Ozone Depletion Potential	Apply	N/A
CHFBr ₂	1.00	<input type="checkbox"/>	<input type="checkbox"/>
CHF ₂ Br (HBFC-2201)	0.74	<input type="checkbox"/>	<input type="checkbox"/>
CH ₂ FBr	0.73	<input type="checkbox"/>	<input type="checkbox"/>
C ₂ HFBr ₄	0.3-0.8	<input type="checkbox"/>	<input type="checkbox"/>
C ₂ HF ₂ Br ₃	0.5-1.8	<input type="checkbox"/>	<input type="checkbox"/>
C ₂ HF ₃ Br ₂	0.4-1.6	<input type="checkbox"/>	<input type="checkbox"/>
C ₂ HF ₄ Br	0.7-1	<input type="checkbox"/>	<input type="checkbox"/>
C ₂ H ₂ FBr ₃	0.1-1.1	<input type="checkbox"/>	<input type="checkbox"/>
C ₂ H ₂ F ₂ Br ₂	0.2-1.5	<input type="checkbox"/>	<input type="checkbox"/>
C ₂ H ₂ F ₃ Br	0.7-1.6	<input type="checkbox"/>	<input type="checkbox"/>
C ₂ H ₂ FBr ₂	0.1-1.7	<input type="checkbox"/>	<input type="checkbox"/>
C ₂ H ₃ F ₂ Br	0.2-1.1	<input type="checkbox"/>	<input type="checkbox"/>
C ₂ H ₄ FBr	0.07-0.1	<input type="checkbox"/>	<input type="checkbox"/>
C ₃ HFBr ₆	0.3-1.5	<input type="checkbox"/>	<input type="checkbox"/>
C ₃ HF ₂ Br ₅	0.2-1.9	<input type="checkbox"/>	<input type="checkbox"/>
C ₃ HF ₃ Br ₄	0.3-1.8	<input type="checkbox"/>	<input type="checkbox"/>
C ₃ HF ₄ Br ₃	0.5-2.2	<input type="checkbox"/>	<input type="checkbox"/>
C ₃ HF ₅ Br ₂	0.9-2.0	<input type="checkbox"/>	<input type="checkbox"/>
C ₃ HF ₆ Br	0.7-3.3	<input type="checkbox"/>	<input type="checkbox"/>
C ₃ H ₂ FBr ₅	0.1-1.9	<input type="checkbox"/>	<input type="checkbox"/>

Class I Controlled Substances	Ozone Depletion Potential	Apply	N/A
C ₃ H ₂ F ₂ Br ₄	0.2-2.1	<input type="checkbox"/>	<input type="checkbox"/>
C ₃ H ₂ F ₃ Br ₃	0.2-5.6	<input type="checkbox"/>	<input type="checkbox"/>
C ₃ H ₂ F ₄ Br ₂	0.3-7.5	<input type="checkbox"/>	<input type="checkbox"/>
C ₃ H ₂ F ₅ Br	0.9-14	<input type="checkbox"/>	<input type="checkbox"/>
C ₃ H ₃ FBr ₄	0.08-1.9	<input type="checkbox"/>	<input type="checkbox"/>
C ₃ H ₃ F ₂ Br ₃	0.1-3.1	<input type="checkbox"/>	<input type="checkbox"/>
C ₃ H ₃ F ₃ Br ₂	0.1-2.5	<input type="checkbox"/>	<input type="checkbox"/>
C ₃ H ₃ F ₄ Br	0.3-4.4	<input type="checkbox"/>	<input type="checkbox"/>
C ₃ H ₄ FBr ₃	0.03-0.3	<input type="checkbox"/>	<input type="checkbox"/>
C ₃ H ₄ F ₂ Br ₂	0.1-1.0	<input type="checkbox"/>	<input type="checkbox"/>
C ₃ H ₄ F ₃ Br	0.07-0.8	<input type="checkbox"/>	<input type="checkbox"/>
C ₃ H ₅ FBr ₂	0.04-0.4	<input type="checkbox"/>	<input type="checkbox"/>
C ₃ H ₅ F ₂ Br	0.07-0.8	<input type="checkbox"/>	<input type="checkbox"/>
C ₃ H ₆ FBr	0.02-0.7	<input type="checkbox"/>	<input type="checkbox"/>

H. Class I Group VIII

Class I Controlled Substances	Ozone Depletion Potential	Apply	N/A
CH ₂ BrCl Chlorobromomethane	0.12	<input type="checkbox"/>	<input type="checkbox"/>

I. Class II Controlled Substances

Class II Controlled Substances	Ozone Depletion Potential	Apply	N/A
Dichlorofluoromethane (HCFC-21)	0.04	<input type="checkbox"/>	<input type="checkbox"/>
Monochlorodifluoromethane (HCFC-22)	0.055	<input type="checkbox"/>	<input type="checkbox"/>
Monochlorofluoromethane (HCFC-31)	0.02	<input type="checkbox"/>	<input type="checkbox"/>
Tetrachlorofluoroethane (HCFC-121)	0.01-0.04	<input type="checkbox"/>	<input type="checkbox"/>
Trichlorodifluoroethane (HCFC-122)	0.02-0.08	<input type="checkbox"/>	<input type="checkbox"/>
Dichlorotrifluoroethane (HCFC-123)	0.02	<input type="checkbox"/>	<input type="checkbox"/>
Monochlorotetrafluoroethane (HCFC-124)	0.022	<input type="checkbox"/>	<input type="checkbox"/>
Trichlorofluoroethane (HCFC-131)	0.007-0.05	<input type="checkbox"/>	<input type="checkbox"/>
Dichlorodifluoroethane (HCFC-132)	0.008-0.05	<input type="checkbox"/>	<input type="checkbox"/>
Monochlorotrifluoroethane (HCFC-133)	0.02-0.06	<input type="checkbox"/>	<input type="checkbox"/>
Dichlorofluoroethane (HCFC-141b)	0.11	<input type="checkbox"/>	<input type="checkbox"/>
Monochlorodifluoroethane (HCFC-142b)	0.065	<input type="checkbox"/>	<input type="checkbox"/>
Chlorofluoroethane (HCFC-151)	0.003-0.005	<input type="checkbox"/>	<input type="checkbox"/>
Hexachlorofluoropropane (HCFC-221)	0.015-0.07	<input type="checkbox"/>	<input type="checkbox"/>

Class II Controlled Substances	Ozone Depletion Potential	Apply	N/A
Pentachlorodifluoropropane (HCFC-222)	0.01-0.09	<input type="checkbox"/>	<input type="checkbox"/>
Tetrachlorotrifluoropropane (HCFC-223)	0.01-0.08	<input type="checkbox"/>	<input type="checkbox"/>
Trichlorotetrafluoropropane (HCFC-224)	0.01-0.09	<input type="checkbox"/>	<input type="checkbox"/>
Dichloropentafluoropropane (HCFC-225ca)	0.025	<input type="checkbox"/>	<input type="checkbox"/>
Dichloropentafluoropropane (HCFC-225cb)	0.033	<input type="checkbox"/>	<input type="checkbox"/>
Monochlorohexafluoropropane (HCFC-226)	0.02-0.10	<input type="checkbox"/>	<input type="checkbox"/>
Pentachlorofluoropropane (HCFC-231)	0.05-0.09	<input type="checkbox"/>	<input type="checkbox"/>
Tetrachlorodifluoropropane (HCFC-232)	0.008-0.10	<input type="checkbox"/>	<input type="checkbox"/>
Trichlorotrifluoropropane (HCFC-233)	0.007-0.23	<input type="checkbox"/>	<input type="checkbox"/>
Dichlorotetrafluoropropane (HCFC-234)	0.01-0.28	<input type="checkbox"/>	<input type="checkbox"/>
Monochloropentafluoropropane (HCFC-235)	0.03-0.52	<input type="checkbox"/>	<input type="checkbox"/>
Tetrachlorofluoropropane (HCFC-241)	0.004-0.09	<input type="checkbox"/>	<input type="checkbox"/>
Trichlorodifluoropropane (HCFC-242)	0.005-0.13	<input type="checkbox"/>	<input type="checkbox"/>
Dichlorotrifluoropropane (HCFC-243)	0.007-0.12	<input type="checkbox"/>	<input type="checkbox"/>
Monochlorotetrafluoropropane (HCFC-244)	0.009-0.14	<input type="checkbox"/>	<input type="checkbox"/>
Trichlorofluoropropane (HCFC-251)	0.001-0.01	<input type="checkbox"/>	<input type="checkbox"/>
Dichlorodifluoropropane (HCFC-252)	0.005-0.04	<input type="checkbox"/>	<input type="checkbox"/>
Monochlorotrifluoropropane (HCFC-253)	0.003-0.03	<input type="checkbox"/>	<input type="checkbox"/>
Dichlorofluoropropane (HCFC-261)	0.002-0.02	<input type="checkbox"/>	<input type="checkbox"/>
Monochlorodifluoropropane (HCFC-262)	0.002-0.02	<input type="checkbox"/>	<input type="checkbox"/>
Monochlorofluoropropane (HCFC-271)	0.001-0.03	<input type="checkbox"/>	<input type="checkbox"/>

Part V: Title V Source Determination

Check the box(es) next to the standard or emission level which, pursuant to RCSA section 22a-174-33(a)(10), qualifies the facility as a Title V source.

<p>1. Standards</p> <p>The facility includes one or more emissions units which are subject to (check all that apply):</p> <p><input type="checkbox"/> 40 CFR Part 51 <input type="checkbox"/> 40 CFR Part 52 <input type="checkbox"/> 40 CFR Part 59</p> <p><input type="checkbox"/> 40 CFR Part 60 <input type="checkbox"/> 40 CFR Part 61 <input type="checkbox"/> 40 CFR Part 62</p> <p><input type="checkbox"/> 40 CFR Part 63 <input type="checkbox"/> 40 CFR Part 64 <input type="checkbox"/> 40 CFR Part 68</p> <p><input type="checkbox"/> 40 CFR Parts 70 <input type="checkbox"/> 40 CFR Parts 72 -78, inclusive <input type="checkbox"/> 40 CFR Part 82</p> <p><input type="checkbox"/> Clean Air Act Amendments of 1990 Section 129(e)</p>
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2. Exemption/Deferral

Are there any exemptions or deferrals that *totally* eliminate this facility as a Title V source?

No Yes If Yes, which ones?

If the facility meets one of the standards criteria and there are no exemptions or deferrals the facility is a Title V source. Go to Part VII: Supporting Documents.

Part V: Title V Source Determination (continued)

3. Emissions Level Criteria

If the facility includes one or more emissions units which emit or have the potential to emit, including fugitive emissions to the extent quantifiable, in the aggregate, check the appropriate boxes:

- 10 TPY or more of any hazardous air pollutant
- 25 TPY or more of any combination of hazardous air pollutants
- Such quantity of hazardous air pollutants established by the Administrator pursuant to 40 CFR Part 63

If the facility includes one or more emissions units which emit or have the potential to emit, including fugitive emissions from those categories of sources listed in (2)(i) through (xxvii) in the definition of "major source" in 40 CFR Section 70.2, check the appropriate box(es):

- 100 TPY or more of any regulated air pollutant that is not a GHG
- 50 TPY or more of VOCs or NO_x in a serious ozone non-attainment area
- 25 TPY or more of VOCs or NO_x in a severe ozone non-attainment area
- 100,000 TPY or more of GHG (CO₂e basis) and 100 TPY or more of GHG (mass basis)

4. If any emissions level box is checked in item 3, indicate the method used by checking the appropriate box:

- The applicant stipulates to the potential emissions levels
(Each type of pollutant must still be listed with potential emissions. Submit as Attachment E.)
- Emission Calculations, submit as Attachment M.

Note: tons per year (TPY); nitrogen oxides (NO_x); volatile organic compounds (VOCs); greenhouse gases (GHG)

Part VI: Insignificant Emissions Units Checklist

Check the box(es) next to all the emissions units at the facility which qualify as insignificant emissions units pursuant to RCSA sections 22a-174-33(g)(3)(A) and (B). An applicant may not need to provide emissions information on these items other than checking the appropriate box(es) indicating that these activities or items are present at the facility.

However, if the commissioner determines the emissions from any activity or items are needed to determine the applicability of the Title V regulation to this facility or to impose any applicable requirement, then the applicant shall supply the emissions data for all of the emissions units or activities listed in items 1 and 2 of this Part as Attachment M. If the emissions information is necessary only to determine whether this facility is a Title V source, the applicant shall include the emissions data for only those activities listed in Part VI.2 of this application as Attachment M.

Part VI: Insignificant Emissions Units Checklist (continued)

1. Laboratory Hoods

A laboratory hood used **solely** for the purpose of experimental study or teaching of any science or testing or analysis of drugs, chemicals, chemical compounds, or other substances, **provided that** the containers used for reactions, transfers, and other handling of substances under such laboratory hood are designed to be easily and safely manually manipulated by one person.

2. Other Insignificant Emissions Units

This facility includes one or more of the following items or activities which are not the principle function of such Title V source:

- Office equipment, including but not limited to copiers, facsimile and communication equipment, and computer equipment
- Grills, ovens, stoves, refrigerators, vending machines, and other restaurant-style food preparation or storage equipment
- Lavatory vents, hand dryers, and noncommercial clothes dryers, not including dry cleaning machinery
- Garbage compactors and waste barrels
- Aerosol spray cans
- Heating, air conditioning, and ventilation systems which do not remove air contaminants generated by or released from process or fuel burning equipment and which are separate from such equipment
- Routine housekeeping activities such as painting buildings, roofing, and paving parking lots
- All clerical and janitorial activities
- Maintenance activities such as vehicle repair, brazing, soldering and welding equipment, carpentry shops, electrical charging stations, grinding and polishing operations maintenance shop vents, miscellaneous non-production surface cleaning, preparation and painting operations
- Space heaters which can reasonably be carried by one person by hand

Part VII: Supporting Documents

Please check the attachments submitted as verification that *all applicable* attachments have been submitted with this application form. When submitting any supporting documents that are not identified by a DEEP form number, please label the documents as indicated below (e.g., Attachment A, B, C, etc.). Be sure to include on all supporting documents the applicant's name as indicated on the application form.

(Note: Forms are noted in **italics** followed by the appropriate form number. All other attachments are free form.)

- Attachment AA: Copy of the published notice of permit application, as described in the instructions, and a completed [Certification of Notice Form](#) (DEEP-APP-005A), **REQUIRED**
- Attachment A: [Executive Summary](#) (DEEP-TV-APP-105), **REQUIRED**
- Attachment B: A USGS Quadrangle Map indicating the exact location of the facility or site, **REQUIRED**
- Attachment C: [Operating Scenario Information](#) (DEEP-TV-APP-101), **REQUIRED**
- Attachment D: [Emissions Unit Information Within Operating Scenarios](#) (DEEP-TV-APP-102), **REQUIRED**
- Attachment D2: [Generally Applicable Requirements](#) (DEEP-TV-APP-102B), **IF APPLICABLE**
- Attachment E: [Total Regulated Air Pollutants Emitted Within Operating Scenarios](#) (DEEP-TV-APP-103), **REQUIRED**
- Attachment F: [Applicant Compliance Information](#) (DEEP-APP-002), **REQUIRED**
- Attachment G: [Title V Compliance Plan](#) (DEEP-TV-APP-104), **REQUIRED**
- Attachment H: Within each alternative operating scenario, a description of air pollution control equipment in use at the facility and a description of monitoring equipment in use at the facility used to quantify emissions or to determine compliance. **IF APPLICABLE** (This attachment is for the equipment, which is not associated with an emissions unit therefore, not captured on other forms.)
- Attachment I: For identification and description purposes, supply a copy of the order, permit or certification granting an alternative means of compliance for nitrogen oxides (NOx) or volatile organic compounds (VOCs), **IF APPLICABLE**
- Attachment J: For renewals only, a marked up copy of your current Title V permit noting modifications or other changes. Redline any proposed deleted language and use uppercase font for proposed new language., **IF APPLICABLE**
- Attachment K: [Written Authorization Form RCSA section 22a-174-2a\(a\)\(2\)\(B\)](#) (DEEP-TV-SIG-REG-002), **IF APPLICABLE**
- Attachment L: Provide a Compliance Assurance Monitoring (CAM) plan for emission units with control devices that have pre-control potential emissions at or above major source thresholds not otherwise exempt such as those subject to a post November 15, 1990 NSPS or NESHAP, sources subject to 40 CFR 82 stratospheric ozone requirements, Acid Rain sources 40 CFR 75, Emission Trading sources and those subject to emission caps associated with a Title V permit, **IF APPLICABLE**
- Attachment M: All calculations, clearly labeled, **IF APPLICABLE**
- Attachment N: Acid Rain Permit Application - A completed [EPA Phase II Acid Rain Permit Application Form](#) (EPA Form 7610-16) signed by the designated representative or alternate designated representative, **IF APPLICABLE**
- Attachment O: Other Supporting Documents, **IF APPLICABLE**

Part VIII: Certification

The applicant and the individual(s) responsible for actually preparing the application *must* sign this part. An application will be considered incomplete unless all required signatures are provided.

<p>“I have personally examined and am familiar with the information submitted in this document and all attachments thereto, and I certify that based on reasonable investigation, including my inquiry of the individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief.</p> <p>I understand that a false statement made in the submitted information may be punishable as a criminal offense, under section 22a-175 of the Connecticut General Statutes, under section 53a-157b of the Connecticut General Statutes, and in accordance with any other applicable statute.</p> <p>I certify that this application is on complete and accurate forms as prescribed by the commissioner without alteration of the text.</p> <p>I certify that I have complied with all notice requirements as listed in section 22a-6g of the Connecticut General Statutes.”</p>	
<p>_____ Signature of Authorized Representative</p>	<p>_____ Date</p>
<p>_____ Printed Name of Authorized Representative</p>	<p>_____ Title (if applicable)</p>
<p>_____ Signature of Preparer (if different than above)</p>	<p>_____ Date</p>
<p>_____ Printed Name of Preparer</p>	<p>_____ Title (if applicable)</p>
<p><input type="checkbox"/> Check here if additional signatures are required. If so, please reproduce this sheet and attach signed copies to this sheet.</p>	

Note: Please submit this completed Application Form, and all Supporting Documents to:

CENTRAL PERMIT PROCESSING UNIT
 DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION
 79 ELM STREET
 HARTFORD, CT 06106-5127

Note: A *Permit Application Transmittal Form* (DEEP-APP-001) is **not** required with this application form.

Please remember to publish notice of the permit application **prior** to submitting your completed application to DEEP. Send a copy of the published notice to the chief elected official of the municipality in which the regulated activity is proposed, and provide DEEP with a copy of the published notice, as described in the instructions, attached to a completed [Certification of Notice Form](#) (DEEP-APP-005A) as Attachment AA to this application.

A copy of the above materials must also be submitted together as a package to:

EPA REGION I
 5 POST OFFICE SQUARE – SUITE 100
 MAIL CODE OEP05-02
 BOSTON, MASSACHUSETTS 02109-3912