



# SC DEPARTMENT *of* **ENVIRONMENTAL SERVICES**

## **Bureau of Air Quality Title V Operating Permit**

**International Paper - Georgetown Container  
1480 International Drive  
Georgetown, South Carolina 29440  
Georgetown County**

In accordance with the provisions of the Pollution Control Act, Sections 48-1-50(5), 48-1-100(A), and 48-1-110(a), the 1976 Code of Laws of South Carolina, as amended, and South Carolina Regulation 61-62, Air Pollution Control Regulations and Standards, the Bureau of Air Quality authorizes the operation of this facility and the equipment specified herein in accordance with valid construction permits, and the plans, specifications, and other information submitted in the Title V permit application received on August 01, 2024, as amended. All official correspondence, plans, permit applications, and written statements are an integral part of the permit. Any false information or misrepresentation in the application for a construction permit may be grounds for permit revocation.

The operation of this facility is subject to and conditioned upon the terms, limitations, standards, and schedules contained herein or as specified by this permit and its accompanying attachments.

**Permit Number: TV-1140-0044 v2.0**

**Agency Air Number: 1140-0044**

**Issue Date: March 18, 2025**

**Effective Date: April 1, 2025**

**Expiration Date: March 31, 2030**



**Steve McCaslin, P. E., Director  
Air Permitting Division  
Bureau of Air Quality**



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**RECORD OF REVISIONS**

<b>Date</b>	<b>Type</b>	<b>Description of Changes</b>

AA Administrative Amendment

MM Minor Modification

SM Significant Modification

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<b>A. EMISSION UNIT(S), EQUIPMENT, AND CONTROL DEVICE(S)</b>	
<b>Emission Unit ID</b>	<b>Emission Unit Description</b>
01	Containerboard Cutting, Printing, and Curtain Coating Wax Lines
02	Containerboard Cutting and Printing Line
03	Corrugating, Adhesive, and Impregnating Wax Application
04	Boiler
05	Wastepaper Handling
06	Starch Storage and Handling

Equipment and control device capacities provided under the Description columns of Equipment and Control Device Tables below are not intended to be permit limits unless otherwise specified within the Table "Limitations, Monitoring, and Reporting." However, this condition does not exempt the facility from the construction permitting process, from PSD review, nor from any other applicable requirements that must be addressed prior to increasing production rates.

**A.1 EQUIPMENT FOR EMISSION UNIT 01 - CONTAINERBOARD CUTTING, PRINTING, AND CURTAIN COATING WAX LINES**

<b>Equipment ID</b>	<b>Equipment Description</b>	<b>Installation Date</b>	<b>Control Device ID</b>	<b>Emission Point ID</b>
2614	Rotary Die Cutter Poultry Line No. 1, 36.54 tons/hr - consists of Two Flexographic Print Stations, Curtain Coating Wax Application, and one Cutting Station	1981	None	S-01
2624	Rotary Die Cutter Poultry Line No. 2, 36.54 tons/hr - consists of Two Flexographic Print Stations, Curtain Coating Wax Application, and one Cutting Station	2023	None	S-01
2634	Rotary Die Cutter Poultry Line No. 3, 36.54 tons/hr - consists of Two Flexographic Print Stations, Curtain Coating Wax Application, and one Cutting Station	1999	None	S-01
2644	Rotary Die Cutter Poultry Line No. 4, 36.54 tons/hr - consists of Two Flexographic Print Stations, Curtain Coating Wax Application, and one Cutting Station	2021	None	S-01

**A.2 EQUIPMENT FOR EMISSION UNIT 02 - CONTAINERBOARD CUTTING AND PRINTING LINE**

<b>Equipment ID</b>	<b>Equipment Description</b>	<b>Installation Date</b>	<b>Control Device ID</b>	<b>Emission Point ID</b>
2404	Rotary Die Cutter United Line, 36.54 tons/hr - consists of two Print Stations and one Cutting Station	1996	None	S-01

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**A.3 EQUIPMENT FOR EMISSION UNIT 03 - CORRUGATING, ADHESIVE, AND IMPREGNATING WAX APPLICATION**

<b>Equipment ID</b>	<b>Equipment Description</b>	<b>Installation Date</b>	<b>Control Device ID</b>	<b>Emission Point ID</b>
1021	Corrugator - consists of Cutting Operations, Impregnating Wax Application, and three Adhesive Application Stations	1965	None	S-01
1021	450-gallon Corrugator Adhesive Mix Process Make Ready Tank, steam heated	1965	None	S-01
1021	Two (2) Corrugator Adhesive Mix Process Doser Tanks, each with a capacity of 95 gallons	1965	None	S-01
1021	2,000-gallon Corrugator Adhesive Mix Process No. 1 Adhesive Storage Tank, steam heated	1965	None	S-01
1021	2,000-gallon Corrugator Adhesive Mix Process No. 2 Adhesive Storage Tank, steam heated	1965	None	S-01
1021	Corrugator Adhesive Mix Process Wastewater Operations - operations include weekly cleaning of the tanks, transfer lines, and adhesive application equipment	1965	None	S-01

**A.4 EQUIPMENT FOR EMISSION UNIT 04 - BOILER**

<b>Equipment ID</b>	<b>Equipment Description</b>	<b>Installation Date</b>	<b>Control Device ID</b>	<b>Emission Point ID</b>
B-1	Boiler - 25.1 million Btu/hr boiler, fired on natural gas with No. 2 fuel oil as backup	1981	None	S-02

**A.5 EQUIPMENT FOR EMISSION UNIT 05 - WASTEPAPER HANDLING**

<b>Equipment ID</b>	<b>Equipment Description</b>	<b>Installation Date</b>	<b>Control Device ID</b>	<b>Emission Point ID</b>
CYC-1	Wastepaper Handling Cyclone No.1, 3.83 tons/hr, unwaxed wastepaper	1972	None	S-03
CYC-2	Wastepaper Handling Cyclone No.2, 3.83 tons/hr, waxed wastepaper	1981	None	S-04
HOG-1	Hogger, 3.83 tons/hr	2005	None	S-03 S-04
CUB-1	Cuber, 3.83 tons/hr	2009	None	S-04
BAL-1	Baler, 3.83 tons/hr	2005	None	S-03

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## A.6 EQUIPMENT FOR EMISSION UNIT 06 – STARCH STORAGE AND HANDLING

Equipment ID	Equipment Description	Installation Date	Control Device ID	Emission Point ID
SIL-1	Starch Storage and Handling System, 25 ton/hr	1981	CE-01	S-05

## A.7 CONTROL DEVICE(S) FOR EMISSION UNIT 06 – STARCH STORAGE AND HANDLING

Control Device ID	Control Device Description	Pollutant(s) Controlled	Installation Date	Emission Point ID
CE-01	Starch Handling System Baghouse	PM	1981	S-05

## B. LIMITATIONS, MONITORING, AND REPORTING

Condition Number	Conditions
B.1	<p><b>Emission Unit ID:</b> Facility Wide</p> <p>International Paper – Georgetown Container (Permit number TV-1140-0044) and International Paper – Georgetown Mill (Permit number TV-1140-0002) have been determined to be a single source for Title V, PSD, and Title III. Aggregate emissions shall be considered when determining facility emissions and regulatory applicability.</p>
B.2	<p><b>Emission Unit ID:</b> 01, 02, 03, 05, 06  <b>Equipment ID:</b> 2614, 2624, 2634, 2644, 2404, 1021, CYC-1, CYC-2, HOG-1, BAL-1, SIL-1  <b>Control Device ID:</b> CE-01</p> <p>(S.C. Regulation 61-62.5, Standard No. 4, Section IX) Where construction or modification began after December 31, 1985, emissions from these sources (including fugitive emissions) shall not exhibit an opacity greater than 20%, each.</p> <p>(S.C. Regulation 61-62.70.6(a)(3)(i)) The owner or operator shall perform a visual inspection on a semiannual basis of sources subject to opacity limits. The inspection shall occur during normal source operation. Logs shall be kept to record all visual inspections, noting color, duration, density (heavy or light), cause, and corrective action taken for any abnormal emissions. If a source did not operate during the required visual inspection time frame, the log shall indicate such. The owner or operator shall submit semiannual reports. The report shall include records of abnormal emissions, if any, and corrective actions taken. If the unit did not operate during the semiannual period, the report shall state so.</p> <p>Visual inspection means a qualitative observation of opacity during daylight hours. The observer does not need to be certified to conduct valid visual inspections. However, at a minimum, the observer should be trained and knowledgeable about the effects on visibility of emissions caused by background contrast, ambient lighting, and observer position relative to lighting, wind, and the</p>

<b>B. LIMITATIONS, MONITORING, AND REPORTING</b>	
<b>Condition Number</b>	<b>Conditions</b>
	presence of uncombined water.
B.3	<p><b>Emission Unit ID:</b> 05  <b>Equipment ID:</b> CYC-1, CYC-2, HOG-1, BAL-1</p> <p>(S.C. Regulation 61-62.5, Standard No. 4, Section VIII) Particulate matter emissions shall be limited to the rate specified by use of the following equations:</p> <p style="padding-left: 40px;">For process weight rates less than or equal to 30 tons per hour  <math>E = (F) 4.10P^{0.67}</math></p> <p style="padding-left: 40px;">For process weight rates greater than 30 tons per hour  <math>E = (F) (55.0P^{0.11} - 40)</math></p> <p style="padding-left: 40px;">Where E = the allowable emission rate in pounds per hour  P = process weight rate in tons per hour  F = effect factor from Table B in S.C. Regulation 61-62.5, Standard No. 4</p> <p>For the purposes of compliance with this condition, the process boundaries are defined as follows:</p> <ul style="list-style-type: none"> <li>Wastepaper Handling, EU 05 - Max Process Weight Rate 3.83 ton/hr</li> </ul>
B.4	<p><b>Emission Unit ID:</b> 06  <b>Equipment ID:</b> SIL-1  <b>Control Device ID:</b> CE-01</p> <p>(S.C. Regulation 61-62.5, Standard No. 4, Section VIII) Particulate matter emissions shall be limited to the rate specified by use of the following equations:</p> <p style="padding-left: 40px;">For process weight rates less than or equal to 30 tons per hour  <math>E = (F) 4.10P^{0.67}</math></p> <p style="padding-left: 40px;">For process weight rates greater than 30 tons per hour  <math>E = (F) (55.0P^{0.11} - 40)</math></p> <p style="padding-left: 40px;">Where E = the allowable emission rate in pounds per hour  P = process weight rate in tons per hour  F = effect factor from Table B in S.C. Regulation 61-62.5, Standard No. 4</p> <p>For the purposes of compliance with this condition, the process boundaries are defined as follows:</p> <ul style="list-style-type: none"> <li>Starch Storage and Handling, EU 06 - Max Process Weight Rate 25.0 ton/hr</li> </ul>
B.5	<p><b>Emission Unit ID:</b> 04  <b>Equipment ID:</b> B-1</p> <p>(S.C. Regulation 61-62.5, Standard No. 1, Section I) The fuel burning source(s) shall not discharge into the ambient air smoke which exceeds opacity of 20%. The opacity limit may be exceeded for sootblowing but may not be exceeded for more than 6 minutes in a one hour period nor be exceeded for more than a total of 24 minutes in a 24 hour period. Emissions caused by sootblowing shall not exceed an opacity of 60%.</p> <p>Owners and operators shall, to the extent practicable, maintain and operate any source including</p>

<b>B. LIMITATIONS, MONITORING, AND REPORTING</b>	
<b>Condition Number</b>	<b>Conditions</b>
	<p>associated air pollution control equipment in a manner consistent with good air pollution control practices for minimizing emissions. In addition, the owner or operator shall maintain a log of the time, magnitude, duration, and any other pertinent information to determine periods of startup and shutdown and make available to the Department upon request.</p> <p>(S.C. Regulation 61-62.70.6(a)(3)(i)) The owner or operator shall perform a visual inspection on a semiannual basis of sources subject to opacity limits. The inspection shall occur during normal source operation. No periodic monitoring for opacity will be required for sources during periods that only natural gas or propane are being combusted. Logs shall be kept to record all visual inspections, noting color, duration, density (heavy or light), cause, and corrective action taken for any abnormal emissions. If a source did not operate during the required visual inspection time frame, the log shall indicate such. The owner or operator shall submit semiannual reports. The report shall include records of abnormal emissions, if any, and corrective actions taken. If only natural gas or propane was combusted or if the unit did not operate during the semiannual period, the report shall state so.</p> <p>Visual inspection means a qualitative observation of opacity during daylight hours. The observer does not need to be certified to conduct valid visual inspections. However, at a minimum, the observer should be trained and knowledgeable about the effects on visibility of emissions caused by background contrast, ambient lighting, and observer position relative to lighting, wind, and the presence of uncombined water.</p>
B.6	<p><b>Emission Unit ID:</b> 04 <b>Equipment ID:</b> B-1</p> <p>(S.C. Regulation 61-62.5, Standard No. 1, Section II) The maximum allowable discharge of particulate matter resulting from this source is 0.6 pounds per million BTU input.</p>
B.7	<p><b>Emission Unit ID:</b> 04 <b>Equipment ID:</b> B-1</p> <p>(S.C. Regulation 61-62.5, Standard No. 1, Section III) The maximum allowable discharge of sulfur dioxide (SO<sub>2</sub>) resulting from this source is 2.3 pounds per million BTU input.</p>
B.8	<p><b>Emission Unit ID:</b> 04 <b>Equipment ID:</b> B-1</p> <p>(S.C. Regulation 61-62.1, Section II(J)(2)) This source is permitted to burn only natural gas and No. 2 fuel oil with sulfur content equal to or less than 0.05%. The use of any other substances as fuel is prohibited without prior written approval from the Department.</p>
B.9	<p><b>Emission Unit ID:</b> 04 <b>Equipment ID:</b> B-1</p> <p>(S.C. Regulation 61-62.5, Standard No. 5.2) Any existing source where a burner assembly is replaced with another burner assembly after June 25, 2004, regardless of size or age of the burner assembly to be replaced shall be replaced with a low NO<sub>x</sub> burner assembly or equivalent technology and shall</p>

**B. LIMITATIONS, MONITORING, AND REPORTING**

Condition Number	Conditions
	<p>achieve a 30 percent reduction from uncontrolled NO<sub>x</sub> emission levels based upon manufacturer's specifications. An exemption from this requirement shall be granted when a single burner assembly is being replaced in an existing source with multiple burners due to non-routine maintenance. The replacement of individual components such as burner heads, nozzles, or windboxes does not trigger this requirement.</p> <p>The owner or operator shall notify and register the burner assembly replacement with the Department, in writing, within 7 days of replacing the existing burner assembly. Notification will be provided on the Department's <i>Low NO<sub>x</sub> Burner Assembly Replacement Notification</i> Form. Those affected sources that wish to receive an emission reduction credit for the control device will be required to submit a construction permit application. Those affected sources requesting an alternative control methodology must receive written approval prior to burner replacement.</p> <p>If the burner assembly is replaced as detailed above, the owner or operator shall perform tune-ups every twenty-four (24) months in accordance with manufacturer's specifications or with good engineering practices. The first tune-up shall be conducted no more than twenty-four (24) months from replacement of a burner assembly for affected existing sources. Each subsequent tune-up shall be conducted no more than twenty-four (24) months after the previous tune-up.</p> <p>All tune-up records are required to be maintained on site and available for inspection by the Department for a period of five (5) years from the date generated.</p> <p>The owner or operator shall develop and retain a tune-up plan on file.</p>
B.10	<p><b>Emission Unit ID:</b> Facility Wide</p> <p>(S.C. Regulation 61-62.6) Fugitive particulate matter (PM) emissions from material handling, process equipment, control equipment, or storage piles will be minimized to the extent practicable in a manner with good air pollution control practices. This will include proper maintenance of the control system such as scheduled inspections, replacement of damaged or worn parts, etc. Fugitive emissions from dust buildup will be controlled by proper housekeeping and/or wet suppression.</p>

**C. NESHP (40 CFR 61 AND 40 CFR 63)**

Condition Number	Conditions
C.1	(40 CFR §63.9(a)(4)(ii) and §63.10(a)(4)(ii)) All NESHP notifications and reports shall be sent to the Department. Electronic submission of notifications or reports to the United States Environmental Protection Agency (US EPA) via CEDRI (Compliance and Emissions Data Reporting Interface) shall serve as the submission to the Department. CEDRI can be accessed through the EPA's Central Data Exchange (CDX).
C.2	(40 CFR §63.9(a)(4)(ii) and §63.10(a)(4)(ii)) All NESHP notifications and reports requiring electronic



<b>C. NESHAP (40 CFR 61 AND 40 CFR 63)</b>	
<b>Condition Number</b>	<b>Conditions</b>
	submission to US EPA shall be submitted to EPA via CEDRI. Notifications and reports for specific NESHAP subparts not yet requiring electronic submission may also be submitted via CEDRI. Notifications and the accompanying cover letter for periodic reports not submitted via CEDRI shall be sent to the US EPA Region 4 Air and Radiation Division as required by the applicable subpart.
C.3	<p>Emergency engines less than or equal to 150 kilowatt (kW) rated capacity, emergency engines greater than 150 kW rated capacity designated for emergency use only and operated a total of 500 hours per year or less for testing and maintenance and have a method to record the actual hours of use, such as an hour meter, and diesel engine driven emergency fire pumps that are operated a total of 500 hours per year or less for testing and maintenance and have a method to record the actual hours of use, such as an hour meter, have been determined to be exempt from construction permitting requirements in accordance with S.C. Regulation 61-62.1.</p> <p>(40 CFR 60; 40 CFR 63) If present, these sources shall still comply with the requirements of all applicable regulations, including but not limited to the following:</p> <p>New Source Performance Standards (NSPS) 40 CFR 60 Subpart A (General Provisions);  NSPS 40 CFR 60 Subpart IIII (Stationary Compression Ignition Internal Combustion Engines);  NSPS 40 CFR 60 Subpart JJJJ (Stationary Spark Ignition Internal Combustion Engines);  National Emission Standards for Hazardous Air Pollutants (NESHAP) 40 CFR 63 Subpart A (General Provisions); and  NESHAP 40 CFR 63 Subpart ZZZZ (Stationary Reciprocating Internal Combustion Engines).</p>
C.4	<p><b>Emission Unit ID:</b> 04  <b>Equipment ID:</b> B-1</p> <p>This facility has processes subject to the provisions of S.C. Regulation 61-62.63 and 40 CFR Part 63, National Emission Standards for Hazardous Air Pollutants, Subparts A and Subpart DDDDD (5D), HAP Major Sources: Industrial, Commercial, and Institutional Boilers and Process Heaters. Existing affected sources shall be in compliance with the requirements of these Subparts by the compliance date, unless otherwise noted. Any new affected sources shall comply with the requirements of these Subparts upon initial start-up unless otherwise noted.</p>
C.5	<p><b>Emission Unit ID:</b> 04  <b>Equipment ID:</b> B-1</p> <p>§63.7480 What is the purpose of this subpart?</p> <p>This subpart establishes national emission limitations and work practice standards for hazardous air pollutants (HAP) emitted from industrial, commercial, and institutional boilers and process heaters located at major sources of HAP. This subpart also establishes requirements to demonstrate initial and continuous compliance with the emission limitations and work practice standards.</p>
C.6	<p><b>Emission Unit ID:</b> 04  <b>Equipment ID:</b> B-1</p>

C. NESHAP (40 CFR 61 AND 40 CFR 63)	
Condition Number	Conditions
	<p>§63.7485 Am I subject to this subpart?</p> <p>You are subject to this subpart if you own or operate an industrial, commercial, or institutional boiler or process heater as defined in §63.7575 that is located at, or is part of, a major source of HAP, except as specified in §63.7491. For purposes of this subpart, a major source of HAP is as defined in §63.2, except that for oil and natural gas production facilities, a major source of HAP is as defined in §63.7575.</p>
C.7	<p><b>Emission Unit ID:</b> 04 <b>Equipment ID:</b> B-1</p> <p>§63.7490 What is the affected source of this subpart?</p> <p>(a) This subpart applies to new, reconstructed, and existing affected sources as described in paragraphs (a)(1) and (2) of this section.</p> <p>(1) The affected source of this subpart is the collection at a major source of all existing industrial, commercial, and institutional boilers and process heaters within a subcategory as defined in §63.7575.</p> <p>(b) A boiler or process heater is new if you commence construction of the boiler or process heater after June 4, 2010, and you meet the applicability criteria at the time you commence construction.</p> <p>(c) A boiler or process heater is reconstructed if you meet the reconstruction criteria as defined in §63.2, you commence reconstruction after June 4, 2010, and you meet the applicability criteria at the time you commence reconstruction.</p> <p>(d) A boiler or process heater is existing if it is not new or reconstructed.</p>
C.8	<p><b>Emission Unit ID:</b> 04 <b>Equipment ID:</b> B-1</p> <p>§63.7495 When do I have to comply with this subpart?</p> <p>(b) If you have an existing boiler or process heater, you must comply with this subpart no later than January 31, 2016, except as provided in §63.6(i).</p> <p>(d) You must meet the notification requirements in §63.7545 according to the schedule in §63.7545 and in subpart A of this part. Some of the notifications must be submitted before you are required to comply with the emission limits and work practice standards in this subpart.</p> <p>(h) If you own or operate an existing industrial, commercial, or institutional boiler or process heater and have switched fuels or made a physical change to the boiler or process heater that resulted in the applicability of a different subcategory after the compliance date of this subpart, you must be in</p>

C. NESHAP (40 CFR 61 AND 40 CFR 63)	
Condition Number	Conditions
	compliance with the applicable existing source provisions of this subpart on the effective date of the fuel switch or physical change.
C.9	<p><b>Emission Unit ID:</b> 04 <b>Equipment ID:</b> B-1</p> <p>§63.7499 What are the subcategories of boilers and process heaters?</p> <p>The subcategories of boilers and process heaters, as defined in §63.7575 are:</p> <p>(l) Units designed to burn gas 1 fuels.</p>
C.10	<p><b>Emission Unit ID:</b> 04 <b>Equipment ID:</b> B-1</p> <p>§63.7500 What emission limitations, work practice standards, and operating limits must I meet?</p> <p>(a) You must meet the requirements in paragraphs (a)(1) through (3) of this section, except as provided in paragraphs (b) through (e) of this section. You must meet these requirements at all times the affected unit is operating, except as provided in paragraph (f) of this section.</p> <p>(1) You must meet each emission limit and work practice standard in Tables 1 through 3 and 11 through 15 to this subpart that applies to your boiler or process heater, for each boiler or process heater at your source, except as provided under §63.7522. The output-based emission limits, in units of pounds per million Btu of steam output, in Table 1 or 2 to this subpart are an alternative applicable only to boilers and process heaters that generate either steam, cogenerate steam with electricity, or both. The output-based emission limits, in units of pounds per megawatt-hour, in Table 1 or 2 to this subpart are an alternative applicable only to boilers that generate only electricity. Boilers that perform multiple functions (cogeneration and electricity generation) or supply steam to common headers would calculate a total steam energy output using Equation 1 of §63.7575 to demonstrate compliance with the output-based emission limits, in units of pounds per million Btu of steam output, in Table 1 or 2 to this subpart. If you operate a new boiler or process heater, you can choose to comply with alternative limits as discussed in paragraphs (a)(1)(i) through (iv) of this section, but on or after October 6, 2025, you must comply with the emission limits in Table 1 to this subpart. If you operate an existing boiler or process heater, you can choose to comply with alternative limits as discussed in paragraph (a)(1)(v) of this section, but on or after October 6, 2025 you must comply with the emission limits in Table 2 to this subpart.</p> <p>(3) At all times, you must operate and maintain any affected source (as defined in §63.7490), including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. Determination of whether such operation and maintenance procedures are being used will be based on information available to the Administrator that may include, but is not limited</p>

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<b>C. NESHAP (40 CFR 61 AND 40 CFR 63)</b>	
<b>Condition Number</b>	<b>Conditions</b>
	<p>to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source.</p> <p>(b) As provided in §63.6(g), EPA may approve use of an alternative to the work practice standards in this section.</p> <p>(f) These standards apply at all times the affected unit is operating, except during periods of startup and shutdown during which time you must comply only with items 5 and 6 of Table 3 to this subpart.</p>
C.11	<p><b>Emission Unit ID:</b> 04 <b>Equipment ID:</b> B-1</p> <p>§63.7505 What are my general requirements for complying with this subpart?</p> <p>(a) You must be in compliance with the emission limits, work practice standards, and operating limits in this subpart. These emission and operating limits apply to you at all times the affected unit is operating except for the periods noted in §63.7500(f).</p>
C.12	<p><b>Emission Unit ID:</b> 04 <b>Equipment ID:</b> B-1</p> <p>§63.7515 When must I conduct subsequent performance tests, fuel analyses, or tune-ups?</p> <p>(d) If you are required to meet an applicable tune-up work practice standard, you must conduct an annual, biennial, or 5-year performance tune-up according to §63.7540(a)(10), (11), or (12), respectively. Each annual tune-up specified in §63.7540(a)(10) must be no more than 13 months after the previous tune-up. Each biennial tune-up specified in §63.7540(a)(11) must be conducted no more than 25 months after the previous tune-up. Each 5-year tune-up specified in §63.7540(a)(12) must be conducted no more than 61 months after the previous tune-up. For a new or reconstructed affected source (as defined in §63.7490), the first annual, biennial, or 5-year tune-up must be no later than 13 months, 25 months, or 61 months, respectively, after April 1, 2013 or the initial startup of the new or reconstructed affected source, whichever is later.</p>
C.13	<p><b>Emission Unit ID:</b> 04 <b>Equipment ID:</b> B-1</p> <p>§63.7540 How do I demonstrate continuous compliance with the emission limitations, fuel specifications and work practice standards?</p> <p>(a) You must demonstrate continuous compliance with each emission limit in Tables 1 and 2 or 11 through 15 to this subpart, the work practice standards in Table 3 to this subpart, and the operating limits in Table 4 to this subpart that applies to you according to the methods specified in Table 8 to this subpart and paragraphs (a)(1) through (19) of this section.</p> <p>(10) If your boiler or process heater has a heat input capacity of 10 million Btu per hour or</p>

**C. NESHAP (40 CFR 61 AND 40 CFR 63)**

Condition Number	Conditions
	<p>greater, you must conduct an annual tune-up of the boiler or process heater to demonstrate continuous compliance as specified in paragraphs (a)(10)(i) through (vi) of this section. You must conduct the tune-up while burning the type of fuel (or fuels in case of units that routinely burn a mixture) that provided the majority of the heat input to the boiler or process heater over the 12 months prior to the tune-up. This frequency does not apply to limited-use boilers and process heaters, as defined in §63.7575, or units with continuous oxygen trim systems that maintain an optimum air to fuel ratio.</p> <p>(i) As applicable, inspect the burner, and clean or replace any components of the burner as necessary (you may perform the burner inspection any time prior to the tune-up or delay the burner inspection until the next scheduled unit shutdown). Units that produce electricity for sale may delay the burner inspection until the first outage, not to exceed 36 months from the previous inspection. At units where entry into a piece of process equipment or into a storage vessel is required to complete the tune-up inspections, inspections are required only during planned entries into the storage vessel or process equipment;</p> <p>(ii) Inspect the flame pattern, as applicable, and adjust the burner as necessary to optimize the flame pattern. The adjustment should be consistent with the manufacturer's specifications, if available;</p> <p>(iii) Inspect the system controlling the air-to-fuel ratio, as applicable, and ensure that it is correctly calibrated and functioning properly (you may delay the inspection until the next scheduled unit shutdown). Units that produce electricity for sale may delay the inspection until the first outage, not to exceed 36 months from the previous inspection;</p> <p>(iv) Optimize total emissions of CO. This optimization should be consistent with the manufacturer's specifications, if available, and with any NOX requirement to which the unit is subject;</p> <p>(v) Measure the concentrations in the effluent stream of CO in parts per million, by volume, and oxygen in volume percent, before and after the adjustments are made (measurements may be either on a dry or wet basis, as long as it is the same basis before and after the adjustments are made). Measurements may be taken using a portable CO analyzer; and</p> <p>(vi) Maintain on-site and submit, if requested by the Administrator, a report containing the information in paragraphs (a)(10)(vi)(A) through (C) of this section,</p> <p>(A) The concentrations of CO in the effluent stream in parts per million by volume, and oxygen in volume percent, measured at high fire or typical</p>

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	<p>operating load, before and after the tune-up of the boiler or process heater;</p> <p>(B) A description of any corrective actions taken as a part of the tune-up; and</p> <p>(C) The type and amount of fuel used over the 12 months prior to the tune-up, but only if the unit was physically and legally capable of using more than one type of fuel during that period. Units sharing a fuel meter may estimate the fuel used by each unit.</p> <p>(13) If the unit is not operating on the required date for a tune-up, the tune-up must be conducted within 30 calendar days of startup.</p>
C.14	<p><b>Emission Unit ID: 04</b> <b>Equipment ID: B-1</b></p> <p>§63.7545 What notifications must I submit and when?</p> <p>(a) You must submit to the Administrator all of the notifications in §§63.7(b) and (c), 63.8(e), (f)(4) and (6), and 63.9(b) through (h) that apply to you by the dates specified.</p> <p>(f) If you operate a unit designed to burn natural gas, refinery gas, or other gas 1 fuels that is subject to this subpart, and you intend to use a fuel other than natural gas, refinery gas, gaseous fuel subject to another subpart of this part, part 60, 61, or 65, or other gas 1 fuel to fire the affected unit during a period of natural gas curtailment or supply interruption, as defined in §63.7575, you must submit a notification of alternative fuel use within 48 hours of the declaration of each period of natural gas curtailment or supply interruption, as defined in §63.7575. The notification must include the information specified in paragraphs (f)(1) through (5) of this section.</p> <p>(1) Company name and address.</p> <p>(2) Identification of the affected unit.</p> <p>(3) Reason you are unable to use natural gas or equivalent fuel, including the date when the natural gas curtailment was declared, or the natural gas supply interruption began.</p> <p>(4) Type of alternative fuel that you intend to use.</p> <p>(5) Dates when the alternative fuel use is expected to begin and end.</p> <p>(h) If you have switched fuels or made a physical change to the boiler or process heater and the fuel switch or physical change resulted in the applicability of a different subcategory, you must provide notice of the date upon which you switched fuels or made the physical change within 30 days of the switch/change. The notification must identify:</p>

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	<p>(1) The name of the owner or operator of the affected source, as defined in §63.7490, the location of the source, the boiler(s) and process heater(s) that have switched fuels, were physically changed, and the date of the notice.</p> <p>(2) The currently applicable subcategory under this subpart.</p> <p>(3) The date upon which the fuel switch or physical change occurred.</p>
C.15	<p><b>Emission Unit ID:</b> 04 <b>Equipment ID:</b> B-1</p> <p>§63.7550 What reports must I submit and when?</p> <p>(b) Unless the EPA Administrator has approved a different schedule for submission of reports under §63.10(a), you must submit each report, according to paragraph (h) of this section, by the date in Table 9 to this subpart and according to the requirements in paragraphs (b)(1) through (4) of this section. For units that are subject only to a requirement to conduct subsequent annual, biennial, or 5-year tune-up according to §63.7540(a)(10), (11), or (12), respectively, and not subject to emission limits or Table 4 operating limits, you may submit only an annual, biennial, or 5-year compliance report, as applicable, as specified in paragraphs (b)(1) through (4) of this section, instead of a semi-annual compliance report.</p> <p>(1) The first semi-annual compliance report must cover the period beginning on the compliance date that is specified for each boiler or process heater in §63.7495 and ending on June 30 or December 31, whichever date is the first date that occurs at least 180 days after the compliance date that is specified for your source in §63.7495. If submitting an annual, biennial, or 5-year compliance report, the first compliance report must cover the period beginning on the compliance date that is specified for each boiler or process heater in §63.7495 and ending on December 31 within 1, 2, or 5 years, as applicable, after the compliance date that is specified for your source in §63.7495.</p> <p>(2) The first semi-annual compliance report must be postmarked or submitted no later than July 31 or January 31, whichever date is the first date following the end of the first calendar half after the compliance date that is specified for each boiler or process heater in §63.7495. The first annual, biennial, or 5-year compliance report must be postmarked or submitted no later than January 31.</p> <p>(3) Each subsequent semi-annual compliance report must cover the semiannual reporting period from January 1 through June 30 or the semiannual reporting period from July 1 through December 31. Annual, biennial, and 5-year compliance reports must cover the applicable 1-, 2-, or 5-year periods from January 1 to December 31.</p>

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	<p>(4) Each subsequent semi-annual compliance report must be postmarked or submitted no later than July 31 or January 31, whichever date is the first date following the end of the semiannual reporting period. Annual, biennial, and 5-year compliance reports must be postmarked or submitted no later than January 31.</p> <p>(5) For each affected source that is subject to permitting regulations pursuant to part 70 or part 71 of this chapter, and if the permitting authority has established dates for submitting semiannual reports pursuant to 70.6(a)(3)(iii)(A) or 71.6(a)(3)(iii)(A), you may submit the first and subsequent compliance reports according to the dates the permitting authority has established in the permit instead of according to the dates in paragraphs (b)(1) through (4) of this section.</p> <p>(c) A compliance report must contain the following information depending on how the facility chooses to comply with the limits set in this rule.</p> <p>(1) If the facility is subject to the requirements of a tune up you must submit a compliance report with the information in paragraphs (c)(5)(i) through (iii) of this section, (xiv) and (xvii) of this section, and paragraph (c)(5)(iv) of this section for limited-use boiler or process heater.</p> <p>(5)</p> <p>(i) Company and Facility name and address.</p> <p>(ii) Process unit information, emissions limitations, and operating parameter limitations.</p> <p>(iii) Date of report and beginning and ending dates of the reporting period.</p> <p>(xiv) Include the date of the most recent tune-up for each unit subject to only the requirement to conduct an annual, biennial, or 5-year tune-up according to §63.7540(a)(10), (11), or (12) respectively. Include the date of the most recent burner inspection if it was not done annually, biennially, or on a 5-year period and was delayed until the next scheduled or unscheduled unit shutdown.</p> <p>(xvii) Statement by a responsible official with that official's name, title, and signature, certifying the truth, accuracy, and completeness of the content of the report.</p> <p>(h) You must submit the reports according to the procedures specified in paragraphs (h)(1) through (3) of this section.</p> <p>(3) You must submit all reports required by Table 9 of this subpart electronically to the EPA via the CEDRI. (CEDRI can be accessed through the EPA's CDX.) You must use the appropriate electronic report in CEDRI for this subpart. Instead of using the electronic report in CEDRI for this subpart, you may submit an alternate electronic file consistent with the XML schema</p>



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	<p>listed on the CEDRI Web site (<a href="http://www.epa.gov/ttn/chief/cedri/index.html">http://www.epa.gov/ttn/chief/cedri/index.html</a>), once the XML schema is available. If the reporting form specific to this subpart is not available in CEDRI at the time that the report is due, you must submit the report to the Administrator at the appropriate address listed in §63.13. You must begin submitting reports via CEDRI no later than 90 days after the form becomes available in CEDRI.</p>
C.16	<p><b>Emission Unit ID:</b> 04 <b>Equipment ID:</b> B-1</p> <p>§63.7555 What records must I keep?</p> <p>(a) You must keep records according to paragraphs (a)(1) and (2) of this section.</p> <p>(1) A copy of each notification and report that you submitted to comply with this subpart, including all documentation supporting any Initial Notification or Notification of Compliance Status or semiannual compliance report that you submitted, according to the requirements in §63.10(b)(2)(xiv).</p> <p>(h) If you operate a unit in the unit designed to burn gas 1 subcategory that is subject to this subpart, and you use an alternative fuel other than natural gas, refinery gas, gaseous fuel subject to another subpart under this part, other gas 1 fuel, or gaseous fuel subject to another subpart of this part or part 60, 61, or 65, you must keep records of the total hours per calendar year that alternative fuel is burned and the total hours per calendar year that the unit operated during periods of gas curtailment or gas supply emergencies.</p>
C.17	<p><b>Emission Unit ID:</b> 04 <b>Equipment ID:</b> B-1</p> <p>§63.7560 In what form and how long must I keep my records?</p> <p>(a) Your records must be in a form suitable and readily available for expeditious review, according to §63.10(b)(1).</p> <p>(b) As specified in §63.10(b)(1), you must keep each record for 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record.</p> <p>(c) You must keep each record on site, or they must be accessible from on site (for example, through a computer network), for at least 2 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record, according to §63.10(b)(1). You can keep the records off site for the remaining 3 years.</p>
C.18	<p><b>Emission Unit ID:</b> 04 <b>Equipment ID:</b> B-1</p> <p>§63.7565 What parts of the General Provisions apply to me?</p>

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	Table 10 to this subpart shows which parts of the General Provisions in §§63.1 through 63.15 apply to you.		
C.19	<p><b>Emission Unit ID:</b> 04 <b>Equipment ID:</b> B-1</p> <p>§63.7570 Who implements and enforces this subpart?</p> <p>(a) This subpart can be implemented and enforced by the EPA, or an Administrator such as your state, local, or tribal agency. If the EPA Administrator has delegated authority to your state, local, or tribal agency, then that agency (as well as the EPA) has the authority to implement and enforce this subpart. You should contact your EPA Regional Office to find out if this subpart is delegated to your state, local, or tribal agency.</p> <p>(b) In delegating implementation and enforcement authority of this subpart to a state, local, or tribal agency under 40 CFR part 63, subpart E, the authorities listed in paragraphs (b)(1) through (4) of this section are retained by the EPA Administrator and are not transferred to the state, local, or tribal agency, however, the EPA retains oversight of this subpart and can take enforcement actions, as appropriate.</p> <p>(1) Approval of alternatives to the emission limits and work practice standards in §63.7500(a) and (b) under §63.6(g), except as specified in §63.7555(d)(13).</p> <p>(2) Approval of major change to test methods in Table 5 to this subpart under §63.7(e)(2)(ii) and (f) and as defined in §63.90, and alternative analytical methods requested under §63.7521(b)(2).</p> <p>(3) Approval of major change to monitoring under §63.8(f) and as defined in §63.90, and approval of alternative operating parameters under §§63.7500(a)(2) and 63.7522(g)(2).</p> <p>(4) Approval of major change to recordkeeping and reporting under §63.10(e) and as defined in §63.90.</p>		
C.20	<p><b>Emission Unit ID:</b> 04 <b>Equipment ID:</b> B-1</p> <p>Table 3 to Subpart DDDDD of Part 63—Work Practice Standards</p> <p>As stated in §63.7500, you must comply with the following applicable work practice standards:</p> <table><tr><th>If your unit is . . .</th><th>You must meet the following . . .</th></tr></table>	If your unit is . . .	You must meet the following . . .
If your unit is . . .	You must meet the following . . .		

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	3. A new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater	Conduct a tune-up of the boiler or process heater annually as specified in §63.7540. Units in either the Gas 1 or Metal Process Furnace subcategories will conduct this tune-up as a work practice for all regulated emissions under this subpart. Units in all other subcategories will conduct this tune-up as a work practice for dioxins/furans.
	4. An existing boiler or process heater located at a major source facility, not including limited use units	Must have a one-time energy assessment performed by a qualified energy assessor. An energy assessment completed on or after January 1, 2008, that meets or is amended to meet the energy assessment requirements in this table, satisfies the energy assessment requirement. A facility that operated under an energy management program developed according to the ENERGY STAR guidelines for energy management or compatible with ISO 50001 for at least one year between January 1, 2008 and the compliance date specified in §63.7495 that includes the affected units also satisfies the energy assessment requirement. The energy assessment must include the following with extent of the evaluation for items a. to e. appropriate for the on-site technical hours listed in §63.7575:
		a. A visual inspection of the boiler or process heater system.
		b. An evaluation of operating characteristics of the boiler or process heater systems, specifications of energy using systems, operating and maintenance procedures, and unusual operating constraints.
		c. An inventory of major energy use systems consuming energy from affected boilers and process heaters and which are under the control of the boiler/process heater owner/operator.
		d. A review of available architectural and engineering plans, facility operation and maintenance procedures and logs, and fuel usage.
		e. A review of the facility's energy management program and provide recommendations for improvements consistent with the definition of energy management program, if identified.
		f. A list of cost-effective energy conservation measures that are within the facility's control.
		g. A list of the energy savings potential of the energy conservation measures identified.
		h. A comprehensive report detailing the ways to improve efficiency, the cost of specific improvements, benefits, and the time frame for recouping those investments.

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C.21	<b>Emission Unit ID:</b> 04 <b>Equipment ID:</b> B-1		
	Table 10 to Subpart DDDDD of Part 63—Applicability of General Provisions to Subpart DDDDD		
	As stated in §63.7565, you must comply with the applicable General Provisions according to the following:		

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	§63.6(g)	Use of alternative standards	Yes, except §63.7555(d)(13) specifies the procedure for application and approval of an alternative timeframe with the PM controls requirement in the startup work practice (2).
	§63.6(h)(1)	Startup, shutdown, and malfunction exemptions to opacity standards.	No. See §63.7500(a).
	§63.6(h)(2) to (h)(9)	Determining compliance with opacity emission standards	No. Subpart DDDDD specifies opacity as an operating limit not an emission standard.
	§63.6(i)	Extension of compliance	Yes. Note: Facilities may also request extensions of compliance for the installation of combined heat and power, waste heat recovery, or gas pipeline or fuel feeding infrastructure as a means of complying with this subpart.
	§63.6(j)	Presidential exemption.	Yes.
	§63.7(a), (b), (c), and (d)	Performance Testing Requirements	Yes.
	§63.7(e)(1)	Conditions for conducting performance tests	No. Subpart DDDDD specifies conditions for conducting performance tests at §63.7520(a) to (c).
	§63.7(e)(2)-(e)(9), (f), (g), and (h)	Performance Testing Requirements	Yes.
	§63.8(a) and (b)	Applicability and Conduct of Monitoring	Yes.
	§63.8(c)(1)	Operation and maintenance of CMS	Yes.
	§63.8(c)(1)(i)	General duty to minimize emissions and CMS operation	No. See §63.7500(a)(3).
	§63.8(c)(1)(ii)	Operation and maintenance of CMS	Yes.
	§63.8(c)(1)(iii)	Startup, shutdown, and malfunction plans for CMS	No.

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	§63.8(c)(2) to (c)(9)	Operation and maintenance of CMS	Yes.
	§63.8(d)(1) and (2)	Monitoring Requirements, Quality Control Program	Yes.
	§63.8(d)(3)	Written procedures for CMS	Yes, except for the last sentence, which refers to a startup, shutdown, and malfunction plan. Startup, shutdown, and malfunction plans are not required.
	§63.8(e)	Performance evaluation of a CMS	Yes.
	§63.8(f)	Use of an alternative monitoring method.	Yes.
	§63.8(g)	Reduction of monitoring data	Yes.
	§63.9	Notification Requirements	Yes.
	§63.10(a), (b)(1)	Recordkeeping and Reporting Requirements	Yes.
	§63.10(b)(2)(i)	Recordkeeping of occurrence and duration of startups or shutdowns	Yes.
	§63.10(b)(2)(ii)	Recordkeeping of malfunctions	No. See §63.7555(d)(7) for recordkeeping of occurrence and duration and §63.7555(d)(8) for actions taken during malfunctions.
	§63.10(b)(2)(iii)	Maintenance records	Yes.
	§63.10(b)(2)(iv) and (v)	Actions taken to minimize emissions during startup, shutdown, or malfunction	No.
	§63.10(b)(2)(vi)	Recordkeeping for CMS malfunctions	Yes.
	§63.10(b)(2)(vii) to (xiv)	Other CMS requirements	Yes.
	§63.10(b)(3)	Recordkeeping requirements for applicability determinations	No.
	§63.10(c)(1) to (9)	Recordkeeping for sources with CMS	Yes.

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	§63.10(c)(10) and (11)	Recording nature and cause of malfunctions, and corrective actions	No. See §63.7555(d)(7) for recordkeeping of occurrence and duration and § 63.7555(d)(8) for actions taken during malfunctions.
	§63.10(c)(12) and (13)	Recordkeeping for sources with CMS	Yes.
	§63.10(c)(15)	Use of startup, shutdown, and malfunction plan	No.
	§63.10(d)(1) and (2)	General reporting requirements	Yes.
	§63.10(d)(3)	Reporting opacity or visible emission observation results	No.
	§63.10(d)(4)	Progress reports under an extension of compliance	Yes.
	§63.10(d)(5)	Startup, shutdown, and malfunction reports	No. See §63.7550(c)(11) for malfunction reporting requirements.
	§63.10(e)	Additional reporting requirements for sources with CMS	Yes.
	§63.10(f)	Waiver of recordkeeping or reporting requirements	Yes.
	§63.11	Control Device Requirements	No.
	§63.12	State Authority and Delegation	Yes.
	§63.13-63.16	Addresses, Incorporation by Reference, Availability of Information, Performance Track Provisions	Yes.
	§63.1(a)(5),(a)(7)-(a)(9), (b)(2), (c)(3)-(4), (d), 63.6(b)(6), (c)(3), (c)(4), (d), (e)(2), (e)(3)(ii), (h)(3), (h)(5)(iv), 63.8(a)(3), 63.9(b)(3), (h)(4), 63.10(c)(2)-(4), (c)(9).	Reserved	No.
C.22	<b>Emission Unit ID:</b> EU 01, 02, 03 <b>Equipment ID:</b> 2614, 2624, 2634, 2644, 2404, 1021		

C. NESHAP (40 CFR 61 AND 40 CFR 63)	
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	<p>This facility has processes subject to the provisions of S.C. Regulation 61-62.63 and 40 CFR Part 63, National Emission Standards for Hazardous Air Pollutants, Subparts A and Subpart KK, Printing and Publishing Industry. Existing affected sources shall be in compliance with the requirements of these Subparts by the compliance date, unless otherwise noted. Any new affected sources shall comply with the requirements of these Subparts upon initial start-up unless otherwise noted.</p>
C.23	<p><b>Emission Unit ID:</b> EU 01, 02, 03  <b>Equipment ID:</b> 2614, 2624, 2634, 2644, 2404, 1021</p> <p>§63.820 Applicability.</p> <p>(a) The provisions of this subpart apply to:</p> <p style="padding-left: 40px;">(1) Each new and existing facility that is a major source of hazardous air pollutants (HAP), as defined in 40 CFR 63.2, at which publication rotogravure, product and packaging rotogravure, or wide-web flexographic printing presses are operated, and</p> <p>(c) In response to an action to enforce the standards set forth in this subpart, an owner or operator may assert an affirmative defense to a claim for civil penalties for exceedances of such standards that are caused by a malfunction, as defined in §63.2. Appropriate penalties may be assessed, however, if the owner or operator fails to meet the burden of proving all the requirements in the affirmative defense. The affirmative defense shall not be available for claims for injunctive relief.</p> <p>(1) To establish the affirmative defense in any action to enforce such a limit, the owners or operators of a facility must timely meet the notification requirements of paragraph (c)(2) of this section, and must prove by a preponderance of evidence that:</p> <p style="padding-left: 40px;">(i) The excess emissions were caused by a sudden, infrequent, and unavoidable failure of air pollution control and monitoring equipment, or a process to operate in a normal or usual manner; and could not have been prevented through careful planning, proper design or better operation and maintenance practices; and did not stem from any activity or event that could have been foreseen and avoided, or planned for; and were not part of a recurring pattern indicative of inadequate design, operation, or maintenance;</p> <p style="padding-left: 40px;">(ii) Repairs were made as expeditiously as possible when the applicable emission limitations were being exceeded. Off-shift and overtime labor were used, to the extent practicable to make these repairs;</p> <p style="padding-left: 40px;">(iii) The frequency, amount, and duration of the excess emissions (including any bypass) were minimized to the maximum extent practicable during periods of such emissions;</p>



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	<p>(iv) If the excess emissions resulted from a bypass of control equipment or a process, then the bypass was unavoidable to prevent loss of life, personal injury, or severe property damage;</p> <p>(v) All possible steps were taken to minimize the impact of the excess emissions on ambient air quality, the environment, and human health;</p> <p>(vi) All emissions monitoring and control systems were kept in operation, if at all possible, consistent with safety and good air pollution control practices;</p> <p>(vii) All of the actions in response to the excess emissions were documented by properly signed, contemporaneous operating logs;</p> <p>(viii) At all times, the facility was operated in a manner consistent with good practices for minimizing emissions; and</p> <p>(ix) The owner or operator has prepared a written root cause analysis, the purpose of which is to determine, correct and eliminate the primary causes of the malfunction and the excess emissions resulting from the malfunction event at issue. The analysis shall also specify, using the best monitoring methods and engineering judgment, the amount of excess emissions that were the result of the malfunction.</p> <p>(2) Notification. The owner or operator of the facility experiencing an exceedance of its emission limit(s) during a malfunction shall notify the Administrator by telephone or facsimile (FAX) transmission as soon as possible, but no later than 2 business days after the initial occurrence of the malfunction, if it wishes to avail itself of an affirmative defense to civil penalties for that malfunction. The owner or operator seeking to assert an affirmative defense shall also submit a written report to the Administrator within 45 days of the initial occurrence of the exceedance of the standard in this subpart to demonstrate, with all necessary supporting documentation, that it has met the requirements set forth in paragraph (c)(1) of this section. The owner or operator may seek an extension of this deadline for up to 30 additional days by submitting a written request to the Administrator before the expiration of the 45-day period. Until a request for an extension has been approved by the Administrator, the owner or operator is subject to the requirement to submit such report within 45 days of the initial occurrence of the exceedance.</p>
C.24	<p><b>Emission Unit ID:</b> EU 01, 02, 03</p> <p><b>Equipment ID:</b> 2614, 2624, 2634, 2644, 2404, 1021</p> <p>§63.821 Designation of affected sources.</p> <p>(a) The affected sources subject to this subpart are:</p>

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	<p>(2) All of the product and packaging rotogravure or wide-web flexographic printing presses at a facility plus any other equipment at that facility which the owner or operator chooses to include in accordance with paragraphs (a)(3) or (a)(4) of this section, except</p> <p>(i) Proof presses, unless the owner or operator chooses to include proof presses in the affected source in accordance with paragraph (a)(5) of this section.</p> <p>(ii) Any product and packaging rotogravure or wide-web flexographic press which is used primarily for coating, laminating, or other operations which the owner or operator chooses to exclude, provided that</p> <p>(A) the sum of the total mass of inks, coatings, varnishes, adhesives, primers, solvents, thinners, reducers, and other materials applied by the press using product and packaging rotogravure print stations and the total mass of inks, coatings, varnishes, adhesives, primers, solvents, thinners, reducers, and other materials applied by the press using wide-web flexographic print stations in each month never exceeds 5 percent of the total mass of inks, coatings, varnishes, adhesives, primers, solvents, thinners, reducers, and other materials applied by the press in that month, including all inboard and outboard stations; and</p> <p>(B) The owner or operator maintains records as required in §63.829(f).</p> <p>(3) The owner or operator of an affected source, as defined in paragraph (a)(2) of this section, may elect to include in that affected source stand-alone equipment subject to the following provisions:</p> <p>(i) Stand-alone equipment meeting any of the criteria specified in this subparagraph is eligible for inclusion:</p> <p>(A) The stand-alone equipment and one or more product and packaging rotogravure or wide-web flexographic presses are used to apply solids-containing materials to the same web or substrate; or</p> <p>(ii) All eligible stand-alone equipment located at the facility is included in the affected source; and</p> <p>(iii) No product and packaging rotogravure or wide-web flexographic presses are excluded from the affected source under the provisions of paragraph (a)(2)(ii) of this section.</p>

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	<p>(6) Affiliated operations such as mixing or dissolving of ink or coating ingredients prior to application; ink or coating mixing for viscosity adjustment, color tint or additive blending, or pH adjustment; cleaning of ink or coating lines and line parts; handling and storage of inks, coatings, and solvents; and conveyance and treatment of wastewater are part of the printing and publishing industry source category, but are not part of the product and packaging rotogravure or wide-web flexographic printing affected source.</p> <p>(7) Other presses are part of the printing and publishing industry source category but are not part of the publication rotogravure affected source or the product and packaging rotogravure or wide-web flexographic printing affected source and are, therefore, exempt from the requirements of this subpart except as provided in paragraph (a)(3) of this section.</p> <p>(b) Each product and packaging rotogravure or wide-web flexographic printing affected source at a facility that is a major source of HAP, as defined in 40 CFR 63.2, that complies with the criteria of paragraphs (b)(1) or (b)(2) on and after the applicable compliance date as specified in §63.826 of this subpart is subject only to the requirements of §§63.829(e) and 63.830(b)(1) of this subpart.</p> <p>(2) The owner or operator of the affected source applies no more than 400 kg per month, for every month, of organic HAP on product and packaging rotogravure or wide-web flexographic printing presses.</p> <p>(c) Each product and packaging rotogravure or wide-web flexographic printing affected source at a facility that is a major source of HAP, as defined in 40 CFR 63.2, that complies with neither the criterion of paragraph (b)(1) nor (b)(2) of this section in any month after the applicable compliance date as specified in §63.826 of this subpart is, starting with that month, subject to all relevant requirements of this subpart and is no longer eligible to use the provisions of paragraph (b) of this section, even if in subsequent months the affected source does comply with the criteria of paragraphs (b)(1) or (b)(2) of this section.</p>
C.25	<p><b>Emission Unit ID:</b> EU 01, 02, 03  <b>Equipment ID:</b> 2614, 2624, 2634, 2644, 2404, 1021</p> <p>§63.829 Recordkeeping requirements.</p> <p>(e) The owner or operator of each facility which meets the limits and criteria of §63.821(b)(1) shall maintain records as required in paragraph (e)(1) of this section. The owner or operator of each facility which meets the limits and criteria of §63.821(b)(2) shall maintain records as required in paragraph (e)(2) of this section. Owners or operators shall maintain these records for five years, and upon request, submit them to the Administrator.</p> <p>(2) For each facility which meets the criteria of §63.821(b)(2), the owner or operator shall maintain records of the total mass and organic HAP content of each material applied on product and packaging rotogravure or wide-web flexographic printing presses during each</p>

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	month.
C.26	<p><b>Emission Unit ID:</b> EU 01, 02, 03  <b>Equipment ID:</b> 2614, 2624, 2634, 2644, 2404, 1021</p> <p>§63.830 Reporting requirements.</p> <p>(b) Each owner or operator of an affected source subject to this subpart shall submit the reports specified in paragraphs (b)(1) through (b)(6) of this section to the Administrator:</p> <p>(1) An initial notification required in §63.9(b).</p> <p>(ii) Initial notifications for new and reconstructed sources shall be submitted as required by §63.9(b).</p> <p>(iii) For the purpose of this subpart, a Title V or part 70 permit application may be used in lieu of the initial notification required under §63.9(b), provided the same information is contained in the permit application as required by §63.9(b), and the State to which the permit application has been submitted has an approved operating permit program under part 70 of this chapter and has received delegation of authority from the EPA.</p> <p>(iv) Permit applications shall be submitted by the same due dates as those specified for the initial notifications.</p>
C.27	<p><b>Emission Unit ID:</b> EU 01, 02, 03  <b>Equipment ID:</b> 2614, 2624, 2634, 2644, 2404, 1021</p> <p>§63.831 Implementation and enforcement.</p> <p>(a) This subpart can be implemented and enforced by the U.S. EPA, or a delegated authority such as the applicable State, local, or Tribal agency. If the U.S. EPA Administrator has delegated authority to a State, local, or Tribal agency, then that agency, in addition to the U.S. EPA, has the authority to implement and enforce this subpart. Contact the applicable U.S. EPA Regional Office to find out if this subpart is delegated to a State, local, or Tribal agency.</p> <p>(b) In delegating implementation and enforcement authority of this subpart to a State, local, or Tribal agency under subpart E of this part, the authorities contained in paragraph (c) of this section are retained by the Administrator of U.S. EPA and cannot be transferred to the State, local, or Tribal agency.</p> <p>(c) The authorities that cannot be delegated to State, local, or Tribal agencies are as specified in paragraphs (c)(1) through (4) of this section.</p>

**C. NESHAP (40 CFR 61 AND 40 CFR 63)**

Condition Number	Conditions																																																			
	<p>(1) Approval of alternatives to the requirements in §§63.820 through 63.821 and 63.823 through 63.826.</p> <p>(2) Approval of alternatives to the test method for organic HAP content determination in §63.827(b) and alternatives to the test method for volatile matter in §63.827(c), and major alternatives to other test methods under §63.7(e)(2)(ii) and (f), as defined in §63.90, and as required in this subpart.</p> <p>(3) Approval of major alternatives to monitoring under §63.8(f), as defined in §63.90, and as required in this subpart.</p> <p>(4) Approval of major alternatives to recordkeeping and reporting under §63.10(f), as defined in §63.90, and as required in this subpart.</p>																																																			
C.28	<p><b>Emission Unit ID:</b> EU 01, 02, 03 <b>Equipment ID:</b> 2614, 2624, 2634, 2644, 2404, 1021</p> <p>Table 1 to Subpart KK of Part 63—Applicability of General Provisions to Subpart KK</p> <table><tr><th>General provisions reference</th><th>Applicable to subpart KK</th><th>Comment</th></tr><tr><td>§63.1(a)(1)-(a)(4)</td><td>Yes.</td><td></td></tr><tr><td>§63.1(a)(5)</td><td>No</td><td>Section reserved.</td></tr><tr><td>§63.1(a)(6)-(a)(8)</td><td>No.</td><td></td></tr><tr><td>§63.1(a)(9)</td><td>No</td><td>Section reserved.</td></tr><tr><td>§63.1(a)(10)-(a)(14)</td><td>Yes.</td><td></td></tr><tr><td>§63.1(b)(1)</td><td>No</td><td>Subpart KK specifies applicability.</td></tr><tr><td>§63.1(b)(2)-(b)(3)</td><td>Yes.</td><td></td></tr><tr><td>§63.1(c)(1)</td><td>Yes.</td><td></td></tr><tr><td>§63.1(c)(2)</td><td>No</td><td>Area sources are not subject to subpart KK.</td></tr><tr><td>§63.1(c)(3)</td><td>No</td><td>Section reserved.</td></tr><tr><td>§63.1(c)(4)</td><td>Yes.</td><td></td></tr><tr><td>§63.1(c)(5)</td><td>No.</td><td></td></tr><tr><td>§63.1(c)(6)</td><td>Yes</td><td></td></tr><tr><td>§63.1(d)</td><td>No</td><td>Section reserved.</td></tr><tr><td>§63.1(e)</td><td>Yes.</td><td></td></tr><tr><td>§63.2</td><td>Yes</td><td>Additional definitions in subpart KK.</td></tr></table>	General provisions reference	Applicable to subpart KK	Comment	§63.1(a)(1)-(a)(4)	Yes.		§63.1(a)(5)	No	Section reserved.	§63.1(a)(6)-(a)(8)	No.		§63.1(a)(9)	No	Section reserved.	§63.1(a)(10)-(a)(14)	Yes.		§63.1(b)(1)	No	Subpart KK specifies applicability.	§63.1(b)(2)-(b)(3)	Yes.		§63.1(c)(1)	Yes.		§63.1(c)(2)	No	Area sources are not subject to subpart KK.	§63.1(c)(3)	No	Section reserved.	§63.1(c)(4)	Yes.		§63.1(c)(5)	No.		§63.1(c)(6)	Yes		§63.1(d)	No	Section reserved.	§63.1(e)	Yes.		§63.2	Yes	Additional definitions in subpart KK.
General provisions reference	Applicable to subpart KK	Comment																																																		
§63.1(a)(1)-(a)(4)	Yes.																																																			
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§63.2	Yes	Additional definitions in subpart KK.																																																		

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Condition Number	Conditions		
	§63.3(a)-(c)	Yes.	
	§63.4(a)(1)-(a)(3)	Yes.	
	§63.4(a)(4)	No	Section reserved.
	§63.4(a)(5)	Yes.	
	§63.4(b)-(c)	Yes.	
	§63.5(a)(1)-(a)(2)	Yes.	
	§63.5(b)(1)	Yes.	
	§63.5(b)(2)	No	Section reserved.
	§63.5(b)(3)-(b)(6)	Yes.	
	§63.5(c)	No	Section reserved.
	§63.5(d)	Yes.	
	§63.5(e)	Yes.	
	§63.5(f)	Yes.	
	§63.6(a)	Yes.	
	§63.6(b)(1)-(b)(5)	Yes.	
	§63.6(b)(6)	No	Section reserved.
	§63.6(b)(7)	Yes.	
	§63.6(c)(1)-(c)(2)	Yes.	
	§63.6(c)(3)-(c)(4)	No	Sections reserved.
	§63.6(c)(5)	Yes.	
	§63.6(d)	No	Section reserved.
	§63.6(e)(1)(i)	No	See 63.823(b) for general duty requirement. Any cross-reference to 63.6(e)(1)(i) in any other general provision incorporated by reference shall be treated as a cross-reference to 63.823(b).
	§63.6(e)(1)(ii)	No	
	§63.6(e)(1)(iii)	Yes.	
	§63.6(e)(2)	No	Section reserved.
	§63.6(e)(3)	No	
	§63.6(f)(1)	No	
	§63.6(f)(2)-(f)(3)	Yes.	
	§63.6(g)	Yes.	
	§63.6(h)	No	Subpart KK does not require COMS.
	§63.6(i)(1)-(i)(14)	Yes.	

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Condition Number	Conditions		
	§63.6(i)(15)	No	Section reserved.
	§63.6(i)(16)	Yes.	
	§63.6(j)	Yes.	
	§63.7(a)-(d)	Yes.	
	§63.7(e)(1)	No	See 63.827 introductory text. Any cross-reference to 63.7(e)(1) in any other general provision incorporated by reference shall be treated as a cross-reference to 63.827 introductory text.
	§63.7(e)(2)-(e)(4)	Yes.	
	§63.8(a)(1)-(a)(2)	Yes.	
	§63.8(a)(3)	No	Section reserved.
	§63.8(a)(4)	No	Subpart KK specifies the use of solvent recovery devices or oxidizers.
	§63.8(b)	Yes.	
	§63.8(c)(1)-(3)	Yes.	
	§63.8(c)(4)	No	Subpart KK specifies CMS sampling requirements.
	§63.8(c)(5)	No	Subpart KK does not require COMS.
	§63.8(c)(6)-(c)(8)	Yes	Provisions for COMS are not applicable.
	§63.8(d)(1)-(2)	Yes.	
	§63.8(d)(3)	Yes, except for last sentence.	
	§63.8(e)-(f)	Yes.	
	§63.8(g)	No	Subpart KK specifies CMS data reduction requirements.
	§63.9(a)	Yes.	
	§63.9(b)(1)	Yes.	
	§63.9(b)(2)	Yes	Initial notification submission date extended.
	§63.9(b)(3)-(b)(5)	Yes.	
	§63.9(c)-(e)	Yes.	
	§63.9(f)	No	Subpart KK does not require opacity and visible emissions observations.
	§63.9(g)	Yes	Provisions for COMS are not applicable.
	§63.9(h)(1)-(h)(3)	Yes.	
	§63.9(h)(4)	No	Section reserved.
	§63.9(h)(5)-(h)(6)	Yes.	
	§63.9(i)	Yes.	

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Condition Number	Conditions		
	§63.9(j)	Yes.	
	§63.9(k)	Yes	Only as specified in 63.9(j).
	§63.10(a)	Yes.	
	§63.10(b)(1)	Yes.	
	§63.10(b)(2)(i)	No.	
	§63.10(b)(2)(ii)	No	See 63.829(g) for recordkeeping of occurrence and duration of malfunctions. See 63.829(h) for recordkeeping of actions taken during malfunction. Any cross-reference to 63.10(b)(2)(ii) in any other general provision incorporated by reference shall be treated as a cross-reference to 63.829(g).
	§63.10(b)(2)(iii)	Yes.	
	§63.10(b)(2)(iv)-(b)(2)(v)	No.	
	§63.10(b)(2)(vi)-(b)(2)(xiv)	Yes.	
	§63.10(b)(3)	Yes.	
	§63.10(c)(1)	Yes.	
	§63.10(c)(2)-(c)(4)	No	Sections reserved.
	§63.10(c)(5)-(c)(8)	Yes.	
	§63.10(c)(9)	No	Section reserved.
	§63.10(c)(10)	No	See 63.830(b)(6)(v) for reporting malfunctions. Any cross-reference to 63.10(c)(10) in any other general provision incorporated by reference shall be treated as a cross-reference to 63.830(b)(6)(v).
	§63.10(c)(11)	No	See 63.830(b)(6)(v) for reporting malfunctions. Any cross-reference to 63.10(c)(11) in any other general provision incorporated by reference shall be treated as a cross-reference to 63.830(b)(6)(v).
	§63.10(c)(12)-(c)(14)	Yes.	
	§63.10(c)(15)	No.	
	§63.10(d)(1)-(d)(2)	Yes.	
	§63.10(d)(3)	No	Subpart KK does not require opacity and visible emissions observations.
	§63.10(d)(4)	Yes.	
	§63.10(d)(5)	No.	



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<b>C. NESHAP (40 CFR 61 AND 40 CFR 63)</b>			
<b>Condition Number</b>	<b>Conditions</b>		
	§63.10(e)	Yes	Provisions for COMS are not applicable.
	§63.10(f)	Yes.	
	§63.11	No	Subpart KK specifies the use of solvent recovery devices or oxidizers.
	§63.12	Yes.	
	§63.13	Yes.	
	§63.14	Yes.	
	§63.15	Yes.	

<b>D. GENERAL FACILITY WIDE</b>	
<b>Condition Number</b>	<b>Conditions</b>
D.1	The owner or operator shall comply with S.C. Regulation 61-62.2, Prohibition of Open Burning.
D.2	The owner or operator shall comply with S.C. Regulation 61-62.3, Air Pollution Episodes.
D.3	The owner or operator shall comply with S.C. Regulation 61-62.4, Hazardous Air Pollution Conditions.
D.4	The owner or operator shall comply with S.C. Regulation 61-62.6, Control of Fugitive Particulate Matter, Section III Control of Fugitive Particulate Matter Statewide.
D.5	The owner or operator shall comply with the standards of performance for asbestos abatement operations pursuant to 40 CFR Part 61.145 and S.C. Regulation 61-86.1, including, but not limited to, requirements governing training, licensing, notification, work practice, cleanup, and disposal.
D.6	The owner or operator shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, Protection of Stratospheric Ozone, Recycling and Emissions Reduction, except as provided for motor vehicle air conditioners (MVACs) in Subpart B. If the owner or operator performs a service on motor vehicles (fleet) that involves ozone-depleting substance refrigerant in MVACs, the owner or operator is subject to all applicable requirements of 40 CFR Part 82, Subpart B, Servicing of MVACs.
D.7	(S.C. Regulation 61-62.70.6(a)(5)) The provisions of this permit are severable, and if any provision of this permit, or application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit shall not be affected thereby.
D.8	(S.C. Regulation 61-62.70.6(a)(6)(i)) The owner or operator must comply with all of the conditions of this permit. Any permit noncompliance constitutes a violation of the S.C. Pollution Control Act and/or the Federal Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of permit renewal application.
D.9	(S.C. Regulation 61-62.70.6(a)(6)(ii)) It shall not be a defense for an owner or operator in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

<b>D. GENERAL FACILITY WIDE</b>	
<b>Condition Number</b>	<b>Conditions</b>
D.10	(S.C. Regulation 61-62.70.6(a)(6)(iii)) The permit may be modified, revoked, reopened and reissued, or terminated for cause by the Department. The filing of a request by the owner or operator for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.
D.11	(S.C. Regulation 61-62.70.6(a)(6)(iv)) The permit does not convey any property rights of any sort, or any exclusive privilege.
D.12	(S.C. Regulation 61-62.70.6(a)(6)(v)) The owner or operator shall furnish to the Department, within a reasonable time, any information that the Department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the owner or operator shall also furnish to the Department copies of records required to be kept by the permit or, for information claimed to be confidential, the owner or operator may furnish such records directly to the Administrator along with a claim of confidentiality. The Department may also request that the owner or operator furnish such records directly to the Administrator along with a claim of confidentiality.
D.13	(S.C. Regulation 61-62.70.6(a)(8)) No permit revision shall be required, under any approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes that are provided for in this permit.
D.14	<p>(S.C. Regulation 61-62.70.6(c)(2)) Upon presentation of credentials and other documents as may be required by law, the owner or operator shall allow the Department or an authorized representative to perform the following:</p> <ol style="list-style-type: none"> <li>1. Enter upon the owner or operator's premises where a Part 70 source is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit.</li> <li>2. Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit.</li> <li>3. Inspect any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit.</li> <li>4. As authorized by the Act and/or the S.C. Pollution Control Act, sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.</li> </ol>
D.15	(S.C. Regulation 61-62.70.6(a)(1)(ii)) Where an applicable requirement of the Act is more stringent than an applicable requirement of regulations promulgated under Title IV of the Act, both provisions shall be incorporated into the permit and shall be enforceable by the Administrator.
D.16	(S.C. Regulation 61-62.70.6(a)(4)) The owner or operator is prohibited from emissions exceeding any allowances that the source lawfully holds under Title IV of the Act or the regulations promulgated thereunder. No permit revision shall be required for increases in emissions that are authorized by allowances acquired pursuant to the acid rain program, provided that such increases do not require a permit revision under any other applicable requirement. No limit shall be placed on the number of allowances held by a source. The source may not, however, use allowances as a defense to noncompliance with any other applicable requirement. Any such allowances shall be accounted for according to the procedures established in regulations promulgated under Title IV of the Act.

<b>D. GENERAL FACILITY WIDE</b>	
<b>Condition Number</b>	<b>Conditions</b>
D.17	(S.C. Regulation 61-62.70.7(c)(1)(ii)) Permit expiration terminates the source's right to operate unless a timely and complete renewal application has been submitted consistent with S.C. Regulation 61-62.70.5(a)(1)(iii), 62.70.5(a)(2)(iv), and 62.70.7(b). In this case, the permit shall not expire until the renewal permit has been issued or denied. All terms and conditions of the permit including any permit shield that may be granted pursuant to S.C. Regulation 61-62.70.6(f) shall remain in effect until the renewal permit has been issued or denied.
D.18	(S.C. Regulation 61-62.70.7) Requests for permit modification and amendments shall be submitted on the appropriate Department approved Title V Modification Form(s).
D.19	(S.C. Regulation 61-62.70.6(a)(7)) The owners or operators of Part 70 sources shall pay fees to the Department consistent with the fee schedule approved pursuant to S.C. Regulation 61-62.70.9; and in accordance with S.C. Regulation 61-30, Environmental Protection Fees. Failure to pay applicable fees can be considered grounds for permit revocation.
D.20	(S.C. Regulation 61-62.1, Section III) The owners or operators of Part 70 sources shall complete and submit a new updated emissions inventory consistent with the schedule approved pursuant to S.C. Regulation 61-62.1, Section III. These reports shall be submitted to the Department.  This requirement notwithstanding, an emissions inventory may be required at any time in order to determine the compliance status of any facility.
D.21	This permit expressly incorporates insignificant activities. Emissions from insignificant activities shall be included in the emissions inventory submittals as required by S.C. Regulation 61-62.1, Section III(B)(2)(g).
D.22	(S.C. Regulation 61-62.1, Section II(J)(1)(a)) No applicable law, regulation, or standard will be contravened.
D.23	(S.C. Regulation 61-62.1, Section II(J)(1)(e)) Any owner or operator who constructs or operates a source or modification not in accordance with the application submitted pursuant to S.C. Regulation 61-62.1 or with the terms of any approval to construct, or who commences construction after the effective date of S.C. Regulation 61-62.1 without applying for and receiving approval hereunder, shall be subject to enforcement action.

<b>E. GENERAL RECORD KEEPING AND REPORTING</b>	
<b>Condition Number</b>	<b>Conditions</b>
E.1	(S.C. Regulation 61-62.1, Section II(J)(1)(g)) A copy of the Department issued construction and/or operating permit must be kept readily available at the facility at all times. The owner or operator shall maintain such operational records; make reports; install, use, and maintain monitoring equipment or methods; sample and analyze emissions or discharges in accordance with prescribed methods at locations, intervals, and procedures as the Department shall prescribe; and provide such other information as the Department reasonably may require. All records required to demonstrate compliance with the limits established under this permit shall be maintained on site for a period of

<b>E. GENERAL RECORD KEEPING AND REPORTING</b>	
<b>Condition Number</b>	<b>Conditions</b>
	at least five (5) years from the date the record was generated and shall be made available to a Department representative upon request.
E.2	<p>(S.C. Regulation 61-62.70.6(a)(3)(iii)(A)) The owner or operator shall submit reports required in this permit in a timely manner and according to the reporting schedule that has previously been established through the Department's approved electronic permitting system.</p> <p>All required reports must be certified by a responsible official consistent with S.C. Regulation 61-62.70.5(d).</p>
E.3	(S.C. Regulation 61-62.70.6(a)(3)(iii)) All reports and notifications required under this permit shall be submitted to the Department.
E.4	(S.C. Regulation 61-62.70.6(c)(5)(iv)) All Title V Annual Compliance Certifications shall be sent to the US EPA, Region 4, Air Enforcement Branch and to the Department. These reports can be submitted electronically to EPA through CEDRI.
E.5	<p>(S.C. Regulation 61-62.70.6(a)(3)(ii)) The owner or operator shall comply, where applicable, with the following monitoring/support information collection and retention record keeping requirements:</p> <ol style="list-style-type: none"> <li>Records of required monitoring information shall include the following: <ol style="list-style-type: none"> <li>The date, place as defined in the permit, and time of sampling or measurements;</li> <li>The date(s) analyses were performed;</li> <li>The company or entity that performed the analyses;</li> <li>The analytical techniques or methods used;</li> <li>The results of such analyses; and</li> <li>The operating conditions as existing at the time of sampling or measurement;</li> </ol> </li> <li>Records of all required monitoring data and support information shall be retained for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.</li> </ol>
E.6	<p>(S.C. Regulation 61-62.1, Section II(j)(1)(c)) For sources not required to have continuous emission monitors, any malfunction of air pollution control equipment or system, process upset, or other equipment failure which results in discharges of air contaminants lasting for one (1) hour or more and which are greater than those discharges described for normal operation in the permit application, shall be reported to the Department within twenty-four (24) hours after the beginning of the occurrence and a written report shall be submitted to the Department within thirty (30) days. The written report shall include, at a minimum, the following:</p> <ol style="list-style-type: none"> <li>The identity of the stack and/or emission point where the excess emissions occurred;</li> <li>The magnitude of excess emissions expressed in the units of the applicable emission limitation and the operating data and calculations used in determining the excess emissions;</li> </ol>

<b>E. GENERAL RECORD KEEPING AND REPORTING</b>	
<b>Condition Number</b>	<b>Conditions</b>
	<ol style="list-style-type: none"> <li>3. The time and duration of excess emissions;</li> <li>4. The identity of the equipment causing the excess emissions;</li> <li>5. The nature and cause of such excess emissions;</li> <li>6. The steps taken to remedy the malfunction and the steps taken or planned to prevent the recurrence of such malfunction;</li> <li>7. The steps taken to limit the excess emissions; and,</li> <li>8. Documentation that the air pollution control equipment, process equipment, or processes were at all times maintained and operated, to the maximum extent practicable, in a manner consistent with good practice for minimizing emissions.</li> </ol> <p>The initial twenty-four (24) hour notification should be made to the Department's local Regional Office.</p> <p>The written report should be sent to the Department.</p>
E.7	<p>(S.C. Regulation 61-62.70.6(c)(5)(iii)) The responsible official shall certify annually, compliance with the conditions of this permit as required under S.C. Regulation 61-62.70.6(c). The compliance certification shall include the following:</p> <ol style="list-style-type: none"> <li>1. The identification of each term or condition of the permit that is the basis of the certification.</li> <li>2. The identification of the method(s) or means used by the owner or operator for determining the compliance status with each term and condition of the permit during the certification period.</li> <li>3. The status of compliance with the terms and conditions of the permit for the period covered by the certification, including whether compliance during the period was continuous or intermittent. The certification shall be based on the method or means designated in S.C. Regulation 61-62.70.6(c)(5)(iii)(B). The certification shall identify each deviation and take it into account in the compliance certification.</li> <li>4. Such other facts as the Department may require to determine the compliance status of the source.</li> </ol>
E.8	<p>(S.C. Regulation 61-62.1, Section II(M)) Within thirty (30) days of the transfer of ownership/operation of a facility, the current permit holder and prospective new owner or operator shall submit to the Department a written request for transfer of the source operating or construction permits. The written request for transfer of the source operating or construction permit shall include any changes pertaining to the facility name and mailing address; the name, mailing address, and telephone number of the owner or operator for the facility; and any proposed changes to the permitted activities of the source. Transfer of the operating or construction permits will be effective upon written approval by the Department.</p>

<b>F. INSIGNIFICANT ACTIVITIES</b>	
<b>Condition Number</b>	<b>Conditions</b>
F.1	The facility may install, remove, and modify insignificant activities as defined in S.C. Regulation 61-62.70.5(c), without revising or reopening the Title V Operating Permit. A list of insignificant activities/exempt sources must be maintained on site, along with any necessary documentation to support the determination that the activity is insignificant and shall be made available to a Department representative upon request. The list shall be submitted with the next renewal application.

<b>G. PERMIT SHIELD</b>	
<b>Condition Number</b>	<b>Conditions</b>
G.1	<p>(S.C. Regulation 61-62.70.6(f)) A copy of the "applicability determination" submitted with the Part 70 permit application is included as Applicable and Non-Applicable Federal and State Regulations. With the exception of those listed below, compliance with the terms and conditions of this permit shall be deemed compliance with the applicable requirements specified in Applicable and Non-Applicable Federal and State Regulations as of the date of permit issuance provided that such applicable requirements are included and are specifically identified in the permit. The owner or operator shall also be shielded from the non-applicable requirements specified in Applicable and Non-Applicable Federal and State Regulations. Exceptions to this are stated below in the Permit Shield Exceptions Table. This permit shield does not extend to applicable requirements which are promulgated after permit issuance, unless the permit has been appropriately modified to reflect such new requirements.</p> <p>Nothing in the permit shield or in any Part 70 permit shall alter or affect the provisions of Section 303 of the Act, Emergency Orders of the Clean Air Act; the liability of the owner or operator for any violation of applicable requirements prior to or at the time of permit issuance; the applicable requirements of the Acid Rain Program, consistent with Section 408(a) of the Clean Air Act; or the ability of US EPA to obtain information from a source pursuant to Section 114 of the Clean Air Act. In addition, the permit shield shall not apply to emission units in noncompliance at the time of permit issuance, minor permit modifications (S.C. Regulation 61-62.70.7(e)(2)), group processing of minor permit modifications (S.C. Regulation 61-62.70.7(e)(3)), or operational flexibility (S.C. Regulation 61-62.70.7(e)(5)(i)), except as specified in S.C. Regulation 61-62.70.7(e)(5)(iii).</p>

Permit Shield Exceptions
SC Reg. 61-62.1, Definitions and General Requirements
SC Reg. 61-62.5, Standard No. 7, Prevention of Significant Deterioration
SC Reg. 61-62.5, Standard No. 7.1, Nonattainment New Source Review
SC Reg. 61-62.61, National Emission Standards for Hazardous Air Pollutants (NESHAP)
SC Reg. 61-62.63 National Emission Standards for Hazardous Air Pollutants (NESHAP) for Source Categories
40 CFR 61, Subpart A, General Provisions

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Permit Shield Exceptions
40 CFR 61, Subpart M, Asbestos
40 CFR 62, Approval and Promulgation of State Plans for Designated Facilities and Pollutants
40 CFR 65, Consolidated Federal Air Rule
40 CFR 66, Assessment and Collection of Noncompliance Penalties by EPA
40 CFR 67, EPA Approval of State Noncompliance Penalty Program
40 CFR 70, Federal Requirements for State Operating Permit Programs
40 CFR 71, Federal Operating Permit Programs
40 CFR 72, Permits Regulation
40 CFR 73, Sulfur Dioxide Allowance System
40 CFR 74, Sulfur Dioxide Opt-Ins
40 CFR 75, Continuous Emissions Monitoring
40 CFR 76, Acid Rain Nitrogen Oxides Emission Reduction Program
40 CFR 77, Excess Emissions
40 CFR 78, Appeal Procedures
40 CFR 81, Designation Of Areas For Air Quality Planning Purposes
40 CFR 82, Subpart F, Protection of Stratospheric Ozone – Protection of Stratospheric Ozone, Recycling and Emissions Reductions

H. AMBIENT AIR STANDARDS	
Condition Number	Conditions
H.1	<p>(S.C. Regulation 61-62.1, Section II(J)(2)) Air dispersion modeling (or other method) has previously demonstrated that this facility's operation will not interfere with the attainment and maintenance of any state or federal ambient air standard. Any changes in the parameters used in this demonstration may require a review by the facility to determine continuing compliance with these standards. These potential changes include any decrease in stack height, decrease in stack velocity, increase in stack diameter, decrease in stack exit temperature, increase in building height or building additions, increase in emission rates, decrease in distance between stack and property line, changes in vertical stack orientation, and installation of a rain cap that impedes vertical flow. Parameters that are not required in the determination will not invalidate the demonstration if they are modified. Variations from the input parameters in the demonstration shall not constitute a violation unless the maximum allowable ambient concentrations identified in the standard are exceeded.</p> <p>The owner or operator shall maintain this facility at or below the emission rates used in the most recent air dispersion modeling (or other method) demonstration submitted to and approved by the Department, not to exceed the pollutant limitations of this permit. Should the facility wish to increase the emission rates used in the demonstration, not to exceed the pollutant limitations in the body of this permit, it may do so by submitting a new demonstration for approval. This condition along with the referenced modeling demonstration will also serve to meet the intent of S.C. Regulation 61-62.5, Standard No. 8, Section II(D). This is a State Only enforceable requirement.</p>

<b>I. COMPLIANCE SCHEDULE - RESERVED</b>
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The following contains the Federal and South Carolina air pollution regulations and their applicability, as specified in the Part 70 permit application.

<b>State Air Pollution Control Regulations and Standards</b>	
<b>Regulation Citation</b>	<b>Applicable?</b>
S.C. Regulation 61-62.1 Air Pollution Control Regulations and Standards - Definitions and General Requirements	Yes
S.C. Regulation 61-62.5, Standard No. 1 Emissions from Fuel Burning Operations	Yes
S.C. Regulation 61-62.5, Standard No. 2 Ambient Air Quality Standards	Yes
S.C. Regulation 61-62.5, Standard No. 3 Waste Combustion and Reduction	No
S.C. Regulation 61-62.5, Standard No. 3.1 Hospital, Medical, and Infectious Waste Incinerators	No
S.C. Regulation 61-62.5, Standard No. 4 Emissions from Process Industries	Yes
S.C. Regulation 61-62.5, Standard No. 5 Volatile Organic Compounds	No
S.C. Regulation 61-62.5, Standard No. 5.2 Control of Oxides of Nitrogen (NO <sub>x</sub> )	No
S.C. Regulation 61-62.5, Standard No. 7 Prevention of Significant Deterioration	Yes
S.C. Regulation 61-62.5, Standard No. 7.1 Nonattainment New Source Review	No
S.C. Regulation 61-62.5, Standard No. 8 Toxic Air Pollutants	Yes
S.C. Regulation 61-62.6 Control of Fugitive Particulate Matter	Yes
S.C. Regulation 61-62.60 South Carolina Designated Facility Plan and New Source Performance Standards	No
S.C. Regulation 61-62.61 National Emission Standards for Hazardous Air Pollutants (NESHAP)	No
S.C. Regulation 61-62.63 National Emission Standards for Hazardous Air Pollutants (NESHAP) for Source Categories	Yes
S.C. Regulation 61-62.68 (112r) Chemical Accident Prevention Provisions	No
S.C. Regulation 61-62.70 Title V Operating Permit Program	Yes

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State Air Pollution Control Regulations and Standards	
Regulation Citation	Applicable?
S.C. Regulation 61-62.72 Acid Rain	No
S.C. Regulation 61-62.96 Nitrogen Oxides (NO <sub>x</sub> ) Budget Program	No
S.C. Regulation 61-62.99 Nitrogen Oxides (NO <sub>x</sub> ) Budget Trading Program Requirements for Stationary Sources Not in the Trading Program	No

40 CFR 60	
Regulation Citation	Applicable?
40 CFR 60 Subpart A General Provisions	No
40 CFR 60 Subpart Cb Emissions Guidelines and Compliance Times for Large Municipal Waste Combustors That are Constructed on or Before September 20, 1994	No
40 CFR 60 Subpart Cc Emission Guidelines and Compliance Times for Municipal Solid Waste Landfills	No
40 CFR 60 Subpart Cd Emission Guidelines and Compliance Times for Sulfuric Acid Production Units	No
40 CFR 60 Subpart Ce Emission Guidelines and Compliance Times for Hospital/Medical/Infectious Waste Incinerators	No
40 CFR 60 Subpart D Fossil-fuel Fired Steam Generators	No
40 CFR 60 Subpart Da Electric Utility Steam Generating Units	No
40 CFR 60 Subpart Db Industrial-Commercial-Institutional Steam Generating Units	No
40 CFR 60 Subpart E Incinerators	No
40 CFR 60 Subpart Ea Municipal Waste Combustors for which Construction is Commenced after December 20, 1989 and on or before September 20, 1994	No
40 CFR 60 Subpart Eb Large Municipal Waste Combustors for which Construction is Commenced after September 20, 1994 or for which modification or reconstruction is commenced after June 19, 1996	No
40 CFR 60 Subpart Ec Hospital/Medical/Infectious Waste Incinerators	No
40 CFR 60 Subpart F Portland Cement Plants	No
40 CFR 60 Subpart G Nitric Acid Plants	No

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40 CFR 60	
Regulation Citation	Applicable?
40 CFR 60 Subpart H Sulfuric Acid Plants	No
40 CFR 60 Subpart I Hot Mix Asphalt Plants	No
40 CFR 60 Subpart J Petroleum Refineries	No
40 CFR 60 Subpart Ja Petroleum Refineries for Which Construction, Reconstruction, or Modification commenced after May 14, 2007	No
40 CFR 60 Subpart K Storage Vessels for Petroleum Liquids for which Construction, Reconstruction or Modification Commenced After June 11, 1973, and Prior to May 19, 1978	No
40 CFR 60 Subpart Ka Storage Vessels for Petroleum Liquids for which Construction, Reconstruction or Modification Commenced After May 18, 1978 and Prior to July 23, 1984	No
40 CFR 60 Subpart Kb Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction of Modification Commenced after July 23, 1984	No
40 CFR 60 Subpart L Secondary Lead Smelters	No
40 CFR 60 Subpart M Secondary Brass and Bronze Production Plants	No
40 CFR 60 Subpart N Primary Emissions from Basic Oxygen Process Furnaces for which Construction is Commenced After June 11, 1973	No
40 CFR 60 Subpart Na Secondary Emissions from Basic Oxygen Process Steelmaking Facilities for which Construction is Commenced After January 20, 1983	No
40 CFR 60 Subpart O Sewage Treatment Plants	No
40 CFR 60 Subpart P Primary Copper Smelters	No
40 CFR 60 Subpart Q Primary Zinc Smelters	No
40 CFR 60 Subpart R Primary Lead Smelters	No
40 CFR 60 Subpart S Primary Aluminum Reduction Plants	No
40 CFR 60 Subpart T Phosphate Fertilizer Industry: Wet- Process Phosphoric Acid Plants	No

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40 CFR 60	
Regulation Citation	Applicable?
40 CFR 60 Subpart U Phosphate Fertilizer Industry: Superphosphoric Acid Plants	No
40 CFR 60 Subpart V Phosphate Fertilizer Industry: Diammonium Phosphate Plants	No
40 CFR 60 Subpart W Phosphate Fertilizer Industry: Triple Superphosphoric Plants	No
40 CFR 60 Subpart Y Coal Preparation and Processing Plants	No
40 CFR 60 Subpart Z Ferroalloy Production Facilities	No
40 CFR 60 Subpart AA Steel Plants: Electric Arc Furnaces Constructed After October 21, 1974 and on or Before August 17, 1983	No
40 CFR 60 Subpart AAa Steel Plants: Electric Arc Furnaces and Argon-Oxygen Decarburization Vessels Constructed After August 7, 1983	No
40 CFR 60 Subpart BB Kraft Pulp Mills	No
40 CFR 60 Subpart CC Glass Manufacturing Plants	No
40 CFR 60 Subpart DD Grain Elevators	No
40 CFR 60 Subpart EE Surface Coating of Metal Furniture	No
40 CFR 60 Subpart GG Stationary Gas Turbines	No
40 CFR 60 Subpart HH Lime Manufacturing Plants	No
40 CFR 60 Subpart KK Lead-Acid Battery Manufacturing Plants	No
40 CFR 60 Subpart LL Metallic Mineral Processing Plants	No
40 CFR 60 Subpart MM Automobile and Light-Duty Truck Surface Coating Operations	No
40 CFR 60 Subpart NN Phosphate Rock Plants	No
40 CFR 60 Subpart PP Ammonium Sulfate Manufacture	No

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40 CFR 60	
Regulation Citation	Applicable?
40 CFR 60 Subpart QQ Graphic Arts Industry: Publication Rotogravure Printing	No
40 CFR 60 Subpart RR Pressure Sensitive Tape and Label Surface Coating Operations	No
40 CFR 60 Subpart SS Industrial Surface Coating: Large Appliances	No
40 CFR 60 Subpart TT Metal Coil Surface Coating	No
40 CFR 60 Subpart UU Asphalt Processing and Asphalt Roofing Manufacture	No
40 CFR 60 Subpart VV Equipment Leaks of VOC in The Synthetic Organic Chemicals Manufacturing Industry for which Construction, Reconstruction, or Modification Commenced After January 5, 1981, and on or Before November 7, 2006	No
40 CFR 60 Subpart VVa Equipment Leaks of VOC in The Synthetic Organic Chemicals Manufacturing Industry for which Construction, Reconstruction, or Modification Commenced After November 7, 2006	No
40 CFR 60 Subpart WW Beverage Can Surface Coating Industry	No
40 CFR 60 Subpart XX Bulk Gasoline Terminals	No
40 CFR 60 Subpart AAA New Residential Wood Heaters	No
40 CFR 60 Subpart BBB Rubber Tire Manufacturing Industry	No
40 CFR 60 Subpart DDD Volatile Organic Compounds (VOC) Emissions from the Polymer Manufacturing Industry	No
40 CFR 60 Subpart FFF Flexible Vinyl and Urethane Coating and Printing	No
40 CFR 60 Subpart GGG Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or Modification Commenced After January 4, 1983, and on or Before November 7, 2006	No
40 CFR 60 Subpart GGGa Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or Modification Commenced After November 7, 2006	No
40 CFR 60 Subpart HHH Synthetic Fiber Production Facilities	No
40 CFR 60 Subpart III Volatile Organic Compound (VOC) Emissions from the Synthetic Organic Chemical Manufacturing Industry (SOCMI) Air Oxidation Unit Processes	No

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40 CFR 60	
Regulation Citation	Applicable?
40 CFR 60 Subpart JJJ Petroleum Dry Cleaners	No
40 CFR 60 Subpart KKK Equipment Leaks of VOC From Onshore Natural Gas Processing Plants for Which Construction, Reconstruction, or Modification Commenced After January 20, 1984, and on or Before August 23, 2011	No
40 CFR 60 Subpart LLL SO <sub>2</sub> Emissions From Onshore Natural Gas Processing for Which Construction, Reconstruction, or Modification Commenced After January 20, 1984, and on or Before August 23, 2011	No
40 CFR 60 Subpart NNN Volatile Organic Compound (VOC) Emissions from Synthetic Organic Chemical Manufacturing Industry (SOCMI) Distillation Operations	No
40 CFR 60 Subpart OOO Nonmetallic Mineral Processing Plants	No
40 CFR 60 Subpart PPP Wool Fiberglass Insulation Manufacturing Plants	No
40 CFR 60 Subpart QQQ VOC Emissions from Petroleum Refinery Wastewater Systems	No
40 CFR 60 Subpart RRR Volatile Organic Compound (VOC) Emissions from Synthetic Organic Chemical Manufacturing Industry (SOCMI) Reactor Processes	No
40 CFR 60 Subpart SSS Magnetic Tape Coating Facilities	No
40 CFR 60 Subpart TTT Industrial Surface Coating: Surface Coating of Plastic Parts for Business Machines	No
40 CFR 60 Subpart UUU Calciners and Dryers in Mineral Industries	No
40 CFR 60 Subpart VVV Polymeric Coating of Supporting Substrates Facilities	No
40 CFR 60 Subpart WWW Municipal Solid Waste Landfills That Commenced Construction, Reconstruction, or Modification on or After May 30, 1991, but Before July 18, 2014	No
40 CFR 60 Subpart AAAA Small Municipal Waste Combustion Units for which Construction is Commenced After August 30, 1999 or for which Modification or Reconstruction is Commenced after June 6, 2001	No
40 CFR 60 Subpart BBBB Emission Guidelines and Compliance Times for Small Municipal Waste Combustion Units Constructed on or Before August 30, 1999	No
40 CFR 60 Subpart CCCC Commercial and Industrial Solid Waste Units	No
40 CFR 60 Subpart DDDD Emissions Guidelines and Compliance Times for Commercial and Industrial Solid Waste Incineration Units	No

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40 CFR 60	
Regulation Citation	Applicable?
40 CFR 60 Subpart EEEE Other Solid Waste Incineration Units for which Construction is Commenced After December 9, 2004, or for which Modification or Reconstruction is Commenced on or After June 16, 2006	No
40 CFR 60 Subpart FFFF Emission Guidelines and Compliance Times for Other Solid Waste Incineration Units that Commenced Construction on or Before December 9, 2004	No
40 CFR 60 Subpart IIII Stationary Compression Ignition Internal Combustion Engines	No
40 CFR 60 Subpart JJJJ Stationary Spark Ignition Internal Combustion Engines	No
40 CFR 60 Subpart KKKK Stationary Combustion Turbines	No
40 CFR 60 Subpart LLLL New Sewage Sludge Incineration Units	No
40 CFR 60 Subpart MMMM Emission Guidelines and Compliance Times for Existing Sewage Sludge Incineration Units	No
40 CFR 60 Subpart OOOO Crude Oil and Natural Gas Facilities for which Construction, Modification, or Reconstruction Commenced after August 23, 2011 and on or before September 18, 2015	No
40 CFR 60 Subpart Dc Small Industrial-Commercial-Institutional Steam Generating Units	No

40 CFR 61	
Regulation Citation	Applicable?
40 CFR 61 Subpart A General Provisions	No
40 CFR 61 Subpart B Radon Emissions From Underground Uranium Mines	No
40 CFR 61 Subpart C Beryllium	No
40 CFR 61 Subpart D Beryllium Rocket Motor Firing	No
40 CFR 61 Subpart E Mercury	No
40 CFR 61 Subpart F Vinyl Chloride	No
40 CFR 61 Subpart H Radionuclides Other Than Radon from Department of Energy Facilities	No

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40 CFR 61	
Regulation Citation	Applicable?
40 CFR 61 Subpart I Radionuclide Emissions From Federal Facilities Other Than Nuclear Regulatory Commission Licensees and Not Covered by Subpart H	No
40 CFR 61 Subpart J Equipment Leaks (Fugitive Emissions Sources) of Benzene	No
40 CFR 61 Subpart K Radionuclide Emissions From Elemental Phosphorus Plants	No
40 CFR 61 Subpart L Benzene Emissions from Coke By-Product Recovery Plants	No
40 CFR 61 Subpart M Asbestos	No
40 CFR 61 Subpart N Inorganic Arsenic Emissions From Glass Manufacturing Plants	No
40 CFR 61 Subpart O Inorganic Arsenic Emissions From Primary Copper Smelters	No
40 CFR 61 Subpart P Inorganic Arsenic Emissions From Arsenic Trioxide and Metallic Arsenic Production Facilities	No
40 CFR 61 Subpart Q Radon Emissions From Department of Energy Facilities	No
40 CFR 61 Subpart R Radon Emissions From Phosphogypsum Stacks	No
40 CFR 61 Subpart T Radon Emissions From the Disposal of Uranium Mill Tailings	No
40 CFR 61 Subpart V Equipment Leaks (Fugitive Emission Sources)	No
40 CFR 61 Subpart W Radon Emissions From Operating Mill Tailings	No
40 CFR 61 Subpart Y Benzene Emissions From Benzene Storage Vessels	No
40 CFR 61 Subpart BB Benzene Emissions From Benzene Transfer Operations	No
40 CFR 61 Subpart FF Benzene Waste Operations	No

40 CFR 63	
Regulation Citation	Applicable?
40 CFR 63 Subpart B Requirements for Control Technology Determinations for Major Sources in Accordance with Clean Air Act Sections, Sections 112 (g) and 112 (j)	No



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40 CFR 63	
Regulation Citation	Applicable?
40 CFR 63 Subpart F The Synthetic Organic Chemical Manufacturing Industry	No
40 CFR 63 Subpart G The Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations and Wastewater	No
40 CFR 63 Subpart H Equipment Leaks	No
40 CFR 63 Subpart I Certain Processes Subject to the Negotiated Regulation for Equipment Leaks	No
40 CFR 63 Subpart J Polyvinyl Chloride and Copolymers Production	No
40 CFR 63 Subpart L Coke Oven Batteries	No
40 CFR 63 Subpart M Perchloroethylene Air Emission Standards for Dry Cleaning Facilities	No
40 CFR 63 Subpart N Chromium Emissions from Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks	No
40 CFR 63 Subpart O Ethylene Oxide Emissions Standards for Sterilization Facilities	No
40 CFR 63 Subpart Q Industrial Process Cooling Towers	No
40 CFR 63 Subpart R Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations)	No
40 CFR 63 Subpart S The Pulp and Paper Industry	No
40 CFR 63 Subpart T Halogenated Solvent Cleaning	No
40 CFR 63 Subpart U Group I Polymers and Resins	No
40 CFR 63 Subpart W Epoxy Resins Production and Non-Nylon Polyamides Production	No
40 CFR 63 Subpart X Secondary Lead Smelting	No
40 CFR 63 Subpart AA Phosphoric Acid Manufacturing Plants	No
40 CFR 63 Subpart BB Phosphate Fertilizers Production Plants	No

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40 CFR 63	
Regulation Citation	Applicable?
40 CFR 63 Subpart CC Petroleum Refineries	No
40 CFR 63 Subpart DD Off-site Waste and Recovery Operations	No
40 CFR 63 Subpart EE Magnetic Tape Manufacturing Operations	No
40 CFR 63 Subpart GG Aerospace Manufacturing and Rework Facilities	No
40 CFR 63 Subpart HH Oil And Natural Gas Production Facilities	No
40 CFR 63 Subpart II Shipbuilding and Ship Repair (Surface Coating)	No
40 CFR 63 Subpart JJ Wood Furniture Manufacturing Operations	No
40 CFR 63 Subpart KK The Printing and Publishing Industry	Yes
40 CFR 63 Subpart LL Primary Aluminum Reduction Plants	No
40 CFR 63 Subpart MM Chemical Recovery Combustion Sources at Kraft, Soda, Sulfite, and Stand-Alone Semichemical Pulp Mills	No
40 CFR 63 Subpart OO Tanks - Level 1	No
40 CFR 63 Subpart PP Containers	No
40 CFR 63 Subpart QQ Surface Impoundments	No
40 CFR 63 Subpart RR Individual Drain Systems	No
40 CFR 63 Subpart SS Closed Vent Systems, Control Devices, Recovery Devices And Routing To A Fuel Gas System Or A Process	No
40 CFR 63 Subpart TT Equipment Leaks—Control Level 1	No
40 CFR 63 Subpart UU Equipment Leaks--Control Level 2 Standards	No
40 CFR 63 Subpart VV Oil-Water Separators and Organic-Water Separators	No

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40 CFR 63	
Regulation Citation	Applicable?
40 CFR 63 Subpart WW Storage Vessels (Tanks)—Control Level 2	No
40 CFR 63 Subpart XX Ethylene Manufacturing Process Units: Heat Exchange Systems and Waste Operations	No
40 CFR 63 Subpart YY Generic Maximum Achievable Control Technology Standards	No
40 CFR 63 Subpart CCC Steel Pickling--HCl Process Facilities And Hydrochloric Acid Regeneration Plants	No
40 CFR 63 Subpart DDD Mineral Wool Production	No
40 CFR 63 Subpart EEE Hazardous Waste Combustors	No
40 CFR 63 Subpart GGG Pharmaceuticals Production	No
40 CFR 63 Subpart HHH Natural Gas Transmission and Storage Facilities	No
40 CFR 63 Subpart III Flexible Polyurethane Foam Production	No
40 CFR 63 Subpart JJJ Group IV Polymers and Resins	No
40 CFR 63 Subpart LLL Portland Cement Manufacturing Industry	No
40 CFR 63 Subpart MMM Pesticide Active Ingredient Production	No
40 CFR 63 Subpart NNN Wool Fiberglass Manufacturing	No
40 CFR 63 Subpart OOO Manufacture of Amino/Phenolic Resins	No
40 CFR 63 Subpart PPP Polyester Polyols Production	No
40 CFR 63 Subpart QQQ Primary Copper Smelting	No
40 CFR 63 Subpart RRR Secondary Aluminum Production	No
40 CFR 63 Subpart TTT Primary Lead Smelting	No

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40 CFR 63	
Regulation Citation	Applicable?
40 CFR 63 Subpart UUU Petroleum Refineries: Catalytic Cracking Units, Catalytic Reforming Units, and Sulfur Recovery Units	No
40 CFR 63 Subpart VVV Publicly Owned Treatment Works	No
40 CFR 63 Subpart XXX Ferroalloys Production: Ferromanganese and Silicomanganese	No
40 CFR 63 Subpart AAAA Municipal Solid Waste Landfills	No
40 CFR 63 Subpart CCCC Manufacturing of Nutritional Yeast	No
40 CFR 63 Subpart DDDD Plywood and Composite Wood Products	No
40 CFR 63 Subpart EEEE Organic Liquids Distribution (Non-Gasoline)	No
40 CFR 63 Subpart FFFF Miscellaneous Organic Chemical Manufacturing	No
40 CFR 63 Subpart GGGG Solvent Extraction for Vegetable Oil Production	No
40 CFR 63 Subpart HHHH Wet-Formed Fiberglass Mat Production	No
40 CFR 63 Subpart IIII Surface Coating of Automobiles and Light-Duty Trucks	No
40 CFR 63 Subpart JJJJ Paper and Other Web Coating	No
40 CFR 63 Subpart KKKK Surface Coating of Metal Cans	No
40 CFR 63 Subpart MMMM Surface Coating of Miscellaneous Metal Parts and Products	No
40 CFR 63 Subpart NNNN Surface Coating of Large Appliances	No
40 CFR 63 Subpart OOOO Printing, Coating, and Dyeing of Fabrics and Other Textiles	No
40 CFR 63 Subpart PPPP Surface Coating of Plastic Parts and Products	No
40 CFR 63 Subpart QQQQ Surface Coating of Wood Building Products	No

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40 CFR 63	
Regulation Citation	Applicable?
40 CFR 63 Subpart RRRR Surface Coating of Metal Furniture	No
40 CFR 63 Subpart SSSS Surface Coating of Metal Coil	No
40 CFR 63 Subpart TTTT Leather Finishing Operations	No
40 CFR 63 Subpart UUUU Cellulose Products Manufacturing	No
40 CFR 63 Subpart VVVV Boat Manufacturing	No
40 CFR 63 Subpart WWWW Reinforced Plastic Composites Production	No
40 CFR 63 Subpart XXXX Rubber Tire Manufacturing	No
40 CFR 63 Subpart YYYY Stationary Combustion Turbines	No
40 CFR 63 Subpart AAAAA Lime Manufacturing Plants	No
40 CFR 63 Subpart BBBB Semiconductor Manufacturing	No
40 CFR 63 Subpart CCCCC Coke Ovens: Pushing, Quenching, and Battery Stacks	No
40 CFR 63 Subpart DDDDD Industrial, Commercial, and Institutional Boilers and Process Heaters	Yes
40 CFR 63 Subpart EEEEE Iron and Steel Foundries	No
40 CFR 63 Subpart FFFFF Integrated Iron and Steel Manufacturing Facilities	No
40 CFR 63 Subpart GGGGG Site Remediation	No
40 CFR 63 Subpart HHHHH Miscellaneous Coating Manufacturing	No
40 CFR 63 Subpart IIIII Mercury Emissions From Mercury Cell Chlor-Alkali Plants	No
40 CFR 63 Subpart JJJJJ Brick and Structural Clay Products Manufacturing	No

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40 CFR 63	
Regulation Citation	Applicable?
40 CFR 63 Subpart KKKKK Clay Ceramics Manufacturing	No
40 CFR 63 Subpart LLLLL Asphalt Processing and Asphalt Roofing Manufacturing	No
40 CFR 63 Subpart MMMMM Flexible Polyurethane Foam Fabrication Operations	No
40 CFR 63 Subpart NNNNN Hydrochloric Acid Production	No
40 CFR 63 Subpart PPPPP Engine Test Cells/Standards	No
40 CFR 63 Subpart QQQQQ Friction Materials Manufacturing Facilities	No
40 CFR 63 Subpart RRRRR Taconite Iron Ore Processing	No
40 CFR 63 Subpart SSSSS Refractory Products Manufacturing	No
40 CFR 63 Subpart TTTTT Primary Magnesium Refining	No
40 CFR 63 Subpart UUUUU Coal- and Oil-Fired Electric Utility Steam Generating Units	No
40 CFR 63 Subpart WWWWW Hospital Ethylene Oxide Sterilizers	No
40 CFR 63 Subpart YYYYY Area Sources: Electric Arc Furnace Steelmaking Facilities	No
40 CFR 63 Subpart ZZZZZ Iron And Steel Foundries Area Sources	No
40 CFR 63 Subpart BBBBBB Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities	No
40 CFR 63 Subpart CCCCC Gasoline Dispensing Facilities	No
40 CFR 63 Subpart DDDDDD Polyvinyl Chloride And Copolymers Production Area Sources	No
40 CFR 63 Subpart EEEEE Primary Copper Smelting Area Sources	No
40 CFR 63 Subpart FFFFF Secondary Copper Smelting Area Sources	No

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40 CFR 63	
Regulation Citation	Applicable?
40 CFR 63 Subpart GGGGGG Primary Nonferrous Metals Area Sources--Zinc, Cadmium, And Beryllium	No
40 CFR 63 Subpart HHHHHH Paint Stripping And Miscellaneous Surface Coating Operations At Area Sources	No
40 CFR 63 Subpart JJJJJJ Industrial, Commercial, And Institutional Boilers Area Sources	No
40 CFR 63 Subpart LLLLLL Acrylic And Modacrylic Fibers Production Area Sources	No
40 CFR 63 Subpart MMMMMM Carbon Black Production Area Sources	No
40 CFR 63 Subpart NNNNNN Chemical Manufacturing Area Sources: Chromium Compounds	No
40 CFR 63 Subpart OOOOOO Flexible Polyurethane Foam Production and Fabrication Area Sources	No
40 CFR 63 Subpart PPPPPP Lead Acid Battery Manufacturing Area Sources	No
40 CFR 63 Subpart QQQQQQ Wood Preserving Area Sources	No
40 CFR 63 Subpart RRRRRR Clay Ceramics Manufacturing Area Sources	No
40 CFR 63 Subpart SSSSSS Glass Manufacturing Area Sources	No
40 CFR 63 Subpart TTTTTT Secondary Nonferrous Metals Processing Area Sources	No
40 CFR 63 Subpart VVVVVV Chemical Manufacturing Area Sources	No
40 CFR 63 Subpart WWWWWW Area Source Standards For Plating And Polishing Operations	No
40 CFR 63 Subpart XXXXXX Area Source Standards For Nine Metal Fabrication And Finishing Source Categories	No
40 CFR 63 Subpart YYYYYY Area Sources: Ferroalloys Production Facilities	No
40 CFR 63 Subpart ZZZZZZ Area Source Standards For Aluminum, Copper, And Other Nonferrous Foundries	No
40 CFR 63 Subpart AAAAAA Area Sources: Asphalt Processing And Asphalt Roofing Manufacturing	No

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<b>40 CFR 63</b>	
<b>Regulation Citation</b>	<b>Applicable?</b>
40 CFR 63 Subpart BBBBbbb Area Sources: Chemical Preparations Industry	No
40 CFR 63 Subpart CCCCCcc Area Sources: Paints And Allied Products Manufacturing	No
40 CFR 63 Subpart DDDDDdd Area Sources: Prepared Feeds Manufacturing	No
40 CFR 63 Subpart EEEEEee Gold Mine Ore Processing And Production Area Source Category	No
40 CFR 63 Subpart HHHHHhh Emissions for Polyvinyl Chloride and Copolymers Production	No
40 CFR 63 Subpart ZZZZ Stationary Reciprocating Internal Combustion Engines	No
40 CFR 63 Subpart A General Provisions	Yes

<b>Other Federal Air Pollution Control Regulations and Standards</b>	
<b>Regulation Citation</b>	<b>Applicable?</b>
40 CFR 62 Approval and Promulgation of State Plans for Designated Facilities and Pollutants	No
40 CFR 64 CAM - Compliance Assurance Monitoring	No
40 CFR 65 Consolidated Federal Air Rule	No
40 CFR 66 Assessment and Collection of Noncompliance Penalties by EPA	No
40 CFR 67 EPA Approval of State Noncompliance Penalty Program	No
40 CFR 68 Chemical Accident Prevention Provisions	No
40 CFR 70 Federal Requirements for State Operating Permit Programs	Yes
40 CFR 71 Federal Operating Permit Programs	Yes
40 CFR 72 Permits Regulation	No
40 CFR 73 Sulfur Dioxide Allowance System	No



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Other Federal Air Pollution Control Regulations and Standards	
Regulation Citation	Applicable?
40 CFR 74 Sulfur Dioxide Opt-ins	No
40 CFR 75 Continuous Emissions Monitoring	No
40 CFR 76 Acid Rain Nitrogen Oxides Emission Reduction Program	No
40 CFR 77 Excess Emissions	No
40 CFR 78 Appeal Procedure	No
40 CFR 81 Designation of Areas For Air Quality Planning Purposes	No
40 CFR 82, Subpart F Protection of Stratospheric Ozone – Protection of Stratospheric Ozone, Recycling and Emissions Reductions	No