



SC DEPARTMENT *of* **ENVIRONMENTAL SERVICES**

Bureau of Air Quality Title V Operating Permit

**Santee Cooper Berkeley County Landfill Gas to Energy Facility
2277 Highway 52
Moncks Corner, South Carolina 29461
Berkeley 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 September 29, 2023, 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.

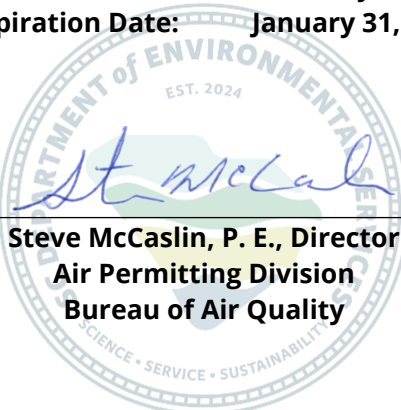
The operation of this facility is subject to and conditioned upon the terms, limitations, standards, and schedules contained herein or as specified by this permit and its accompanying attachments.

Permit Number: TV-0420-0112 v2.0
Agency Air Number: 0420-0112

Issue Date: January 24, 2025
Effective Date: February 1, 2025
Expiration Date: January 31, 2030



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



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RECORD OF REVISIONS		
Date	Type	Description of Changes

AA Administrative Amendment

MM Minor Modification

SM Significant Modification

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A. EMISSION UNIT(S), EQUIPMENT, AND CONTROL DEVICE(S)

Emission Unit ID	Emission Unit Description
01	Reciprocating Internal Combustion Engine No. 1
02	Reciprocating Internal Combustion Engine No. 2
03	Mini Flare

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 – RECIPROCATING INTERNAL COMBUSTION ENGINE NO. 1

Equipment ID	Equipment Description	Installation Date	Control Device ID	Emission Point ID
ICE-1	1600 kW Caterpillar G3520C Engine No. 1 – Fired on Landfill Gas	10/25/2010	None	ICE-1

A.2 EQUIPMENT FOR EMISSION UNIT 02 – RECIPROCATING INTERNAL COMBUSTION ENGINE NO. 2

Equipment ID	Equipment Description	Installation Date	Control Device ID	Emission Point ID
ICE-2	1600 kW Caterpillar G3520C Engine No. 2 – Fired on Landfill Gas	10/26/2010	None	ICE-2

A.3 EQUIPMENT FOR EMISSION UNIT 03 – MINI FLARE

Equipment ID	Equipment Description	Installation Date	Control Device ID	Emission Point ID
FLR-1	4 million BTU/hr Mini Flare	10/25/2010	None	FLR-1

B. LIMITATIONS, MONITORING, AND REPORTING

Condition Number	Conditions
B.1	Emission Unit ID: 01, 02 Equipment ID: ICE-1, ICE-2

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B. LIMITATIONS, MONITORING, AND REPORTING	
Condition Number	Conditions
	<p>For any source test required under an applicable standard or permit condition, the owner, operator, or representative shall comply with S.C. Regulation 61-62.1, Section IV - Source Tests.</p> <p>Unless approved otherwise by the Department, the owner, operator, or representative shall ensure that source tests are conducted while the source is operating at the maximum expected production rate or other production rate or operating parameter which would result in the highest emissions for the pollutants being tested. Some sources may have to spike fuels or raw materials to avoid being subjected to a more restrictive feed or process rate. Any source test performed at a production rate less than the rated capacity may result in permit limits on emission rates, including limits on production if necessary.</p> <p>When conducting source tests subject to this section, the owner, operator, or representative shall provide the following:</p> <ul style="list-style-type: none"> • Department access to the facility to observe source tests; • Sampling ports adequate for test methods; • Safe sampling site(s); • Safe access to sampling site(s); • Utilities for sampling and testing equipment; and • Equipment and supplies necessary for safe testing of a source. <p>The owner or operator shall comply with any limits that result from conducting a source test at less than rated capacity. A copy of the most recent Department issued source test summary letter, whether it imposes a limit or not, shall be maintained with the operating permit, for each source that is required to conduct a source test.</p> <p>Site-specific test plans and amendments, notifications, and source test reports shall be submitted to the Department.</p>
B.2	<p>Emission Unit ID: All Equipment ID: All</p> <p>These sources are permitted to burn only landfill gas containing methane as fuel. The use of any other substances as fuel is prohibited without prior written approval from the Department.</p>
B.3	<p>Emission Unit ID: 03 Equipment ID: FLR-1</p> <p>(S.C. Regulation 61-62.5, Standard No. 3, Section III(I)(1)) Emissions from this source shall not exhibit an opacity greater than 20%. This is a State Only requirement.</p>
B.4	<p>Emission Unit ID: 03 Equipment ID: FLR-1</p> <p>(S.C. Regulation 61-62.5, Standard No. 3, Section III(I)(2)) Particulate matter emissions from this source shall not exceed 0.5 lb/10⁶ Btu total heat input. The total heat input value from waste and virgin fuel</p>

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	used for production shall not exceed the Btus used to affect the combustion of the waste... This is a State Only requirement.
B.5	<p>Emission Unit ID: 01, 02 Equipment ID: ICE-1, ICE-2</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>
B.6	<p>Emission Unit ID: 01, 02 Equipment ID: ICE-1, ICE-2</p> <p>(S.C. Regulation 61-62.5, Standard No. 5.2, Section III) The allowable discharge of NO_x resulting from these sources is 1.25 gm/bhp-hr.</p>
B.7	<p>Emission Unit ID: 01, 02 Equipment ID: ICE-1, ICE-2</p> <p>(S.C. Regulation 61-62.5, Standard No. 5.2, Section IV) The owner or operator shall record monthly the amount of fuel combusted by the affected sources and maintain these records on site.</p> <p>The owner or operator shall maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected source; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative.</p>
B.8	<p>Emission Unit ID: 01, 02 Equipment ID: ICE-1, ICE-2</p> <p>(S.C. Regulation 61-62.5, Standard No. 5.2, Section IV) 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.9	<p>Emission Unit ID: 01, 02 Equipment ID: ICE-1, ICE-2</p> <p>These sources are subject to New Source Performance Standards (NSPS), 40 CFR 60 Subpart A, General Provisions and Subpart JJJJ - Stationary Spark Ignition Internal Combustion Engines (SI ICE),</p>

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	and S.C. Regulation 61-62.60 Subparts A and JJJJ - Stationary Spark Ignition Internal Combustion Engines, as applicable. These sources shall comply with all applicable requirements of Subparts A and JJJJ.								
B.10	<p>Emission Unit ID: 01, 02 Equipment ID: ICE-1, ICE-2</p> <p>§60.4233 What emission standards must I meet if I am an owner or operator of a stationary SI internal combustion engine?</p> <p>(e) Owners and operators of stationary SI ICE with a maximum engine power greater than or equal to 75 KW (100 HP) (except gasoline and rich burn engines that use LPG) must comply with the emission standards in Table 1 to this subpart for their stationary SI ICE. For owners and operators of stationary SI ICE with a maximum engine power greater than or equal to 100 HP (except gasoline and rich burn engines that use LPG) manufactured prior to January 1, 2011 that were certified to the certification emission standards in 40 CFR part 1048 applicable to engines that are not severe duty engines, if such stationary SI ICE was certified to a carbon monoxide (CO) standard above the standard in Table 1 to this subpart, then the owners and operators may meet the CO certification (not field testing) standard for which the engine was certified.</p> <table border="1"> <thead> <tr> <th>Pollutant</th><th>Emission Standards (ppmvd at 15% O₂)</th></tr> </thead> <tbody> <tr> <td>NO_x</td><td>220</td></tr> <tr> <td>CO</td><td>610</td></tr> <tr> <td>VOC</td><td>80</td></tr> </tbody> </table>	Pollutant	Emission Standards (ppmvd at 15% O ₂)	NO _x	220	CO	610	VOC	80
Pollutant	Emission Standards (ppmvd at 15% O ₂)								
NO _x	220								
CO	610								
VOC	80								
B.11	<p>Emission Unit ID: 01, 02 Equipment ID: ICE-1, ICE-2</p> <p>§60.4234 How long must I meet the emissions standards if I am an owner or operator of a stationary SI internal combustion engine?</p> <p>Owners or operators of stationary SI ICE must operate and maintain stationary SI ICE that achieve the emission standards as required in §60.4233 over the entire life of the engine.</p>								
B.12	<p>Emission Unit ID: 01, 02 Equipment ID: ICE-1, ICE-2</p> <p>§60.4243 What are my compliance requirements if I am an owner or operator of a stationary SI internal combustion engine?</p> <p>(b) If you are an owner or operator of a stationary SI internal combustion engine and must comply with the emission standards specified in § 60.4233(d) or (e), you must demonstrate compliance according to one of the methods specified in paragraphs (b)(1) and (2) of this section.</p> <p>(2) Purchasing a non-certified engine and demonstrating compliance with the emission</p>								

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	<p>standards specified in § 60.4233(d) or (e) and according to the requirements specified in § 60.4244, as applicable, and according to paragraphs (b)(2)(i) and (ii) of this section.</p> <p>(ii) If you are an owner or operator of a stationary SI internal combustion engine greater than 500 HP, you must keep a maintenance plan and records of conducted maintenance and must, to the extent practicable, maintain and operate the engine in a manner consistent with good air pollution control practice for minimizing emissions. In addition, you must conduct an initial performance test and conduct subsequent performance testing every 8,760 hours or 3 years, whichever comes first, thereafter to demonstrate compliance.</p>
B.13	<p>Emission Unit ID: 01, 02 Equipment ID: ICE-1, ICE-2</p> <p>§60.4244 What test methods and other procedures must I use if I am an owner or operator of a stationary SI internal combustion engine?</p> <p>Owners and operators of stationary SI ICE who conduct performance tests must follow the procedures in paragraphs (a) through (f) of this section.</p> <p>(a) Each performance test must be conducted within 10 percent of 100 percent peak (or the highest achievable) load and according to the requirements in § 60.8 and under the specific conditions that are specified by Table 2 to this subpart.</p> <p>(b) You may not conduct performance tests during periods of startup, shutdown, or malfunction, as specified in § 60.8(c). If your stationary SI internal combustion engine is non-operational, you do not need to startup the engine solely to conduct a performance test; however, you must conduct the performance test immediately upon startup of the engine.</p> <p>(c) You must conduct three separate test runs for each performance test required in this section, as specified in § 60.8(f). Each test run must be conducted within 10 percent of 100 percent peak (or the highest achievable) load and last at least 1 hour.</p> <p>(g) If the owner/operator chooses to measure VOC emissions using either Method 18 of 40 CFR part 60, appendix A, or Method 320 of 40 CFR part 63, appendix A, then it has the option of correcting the measured VOC emissions to account for the potential differences in measured values between these methods and Method 25A. The results from Method 18 and Method 320 can be corrected for response factor differences using Equations 4 and 5 of this section. The corrected VOC concentration can then be placed on a propane basis using Equation 6 of this section.</p>
B.14	<p>Emission Unit ID: 01, 02 Equipment ID: ICE-1, ICE-2</p> <p>§60.4245 What are my notification, reporting, and recordkeeping requirements if I am an owner or</p>

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B. LIMITATIONS, MONITORING, AND REPORTING

Condition Number	Conditions
	<p>operator of a stationary SI internal combustion engine?</p> <p>Owners or operators of stationary SI ICE must meet the following notification, reporting and recordkeeping requirements.</p> <p>(a) Owners and operators of all stationary SI ICE must keep records of the information in paragraphs (a)(1) through (4) of this section.</p> <p>(1) All notifications submitted to comply with this subpart and all documentation supporting any notification.</p> <p>(2) Maintenance conducted on the engine.</p> <p>(3) If the stationary SI internal combustion engine is a certified engine, documentation from the manufacturer that the engine is certified to meet the emission standards and information as required in 40 CFR parts 1048, 1054, and 1060, as applicable.</p> <p>(4) If the stationary SI internal combustion engine is not a certified engine or is a certified engine operating in a non-certified manner and subject to § 60.4243(a)(2), documentation that the engine meets the emission standards.</p> <p>(c) Owners and operators of stationary SI ICE greater than or equal to 500 HP that have not been certified by an engine manufacturer to meet the emission standards in § 60.4231 must submit an initial notification as required in § 60.7(a)(1). The notification must include the information in paragraphs (c)(1) through (5) of this section.</p> <p>(1) Name and address of the owner or operator;</p> <p>(2) The address of the affected source;</p> <p>(3) Engine information including make, model, engine family, serial number, model year, maximum engine power, and engine displacement;</p> <p>(4) Emission control equipment; and</p> <p>(5) Fuel used.</p> <p>(d) Owners and operators of stationary SI ICE that are subject to performance testing must submit a copy of each performance test as conducted in § 60.4244 within 60 days after the test has been completed. Performance test reports using EPA Method 18, EPA Method 320, or ASTM D6348-03 (incorporated by reference—see 40 CFR 60.17) to measure VOC require reporting of all QA/QC data. For Method 18, report results from sections 8.4 and 11.1.1.4; for Method 320, report results from sections 8.6.2, 9.0, and 13.0; and for ASTM D6348-03 report results of all QA/QC procedures in Annexes 1-7.</p>

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C. NESHAP (40 CFR 61 AND 40 CFR 63)	
Condition Number	Conditions
C.1	(40 CFR §61.04(b); 40 CFR §63.9(a)(4)(ii) and §63.10(a)(4)(ii)) All NESHAP 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 §61.04(b); 40 CFR §63.9(a)(4)(ii) and §63.10(a)(4)(ii)) All NESHAP notifications and reports requiring electronic 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	This facility is subject to the provisions of 40 CFR Part 63, National Emission Standards for Hazardous Air Pollutants, Subparts A and NESHAP for Stationary Reciprocating Internal Combustion Engines. Existing affected sources shall comply with the applicable provisions by the compliance date specified in Subpart ZZZZ. Any new affected sources shall comply with the requirements of this Subpart upon initial start-up unless otherwise noted.
C.4	<p>§63.6590 What parts of my plant does this subpart cover?</p> <p>(c) Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines. No further requirements apply for such engines under this part.</p> <p>(1) A new or reconstructed stationary RICE located at an area source;</p>

D. GENERAL FACILITY WIDE	
Condition Number	Conditions
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

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D. GENERAL FACILITY WIDE	
Condition Number	Conditions
	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.
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"> 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. 2. Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit. 3. Inspect any facilities, equipment (including monitoring and air pollution control equipment),

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D. GENERAL FACILITY WIDE	
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	practices, or operations regulated or required under this permit. 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.
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.
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

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D. GENERAL FACILITY WIDE	
Condition Number	Conditions
	date of S.C. Regulation 61-62.1 without applying for and receiving approval hereunder, shall be subject to enforcement action.

E. GENERAL RECORD KEEPING AND REPORTING	
Condition Number	Conditions
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 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	(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. All required reports must be certified by a responsible official consistent with S.C. Regulation 61-62.70.5(d).
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	(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: 1. Records of required monitoring information shall include the following: a. The date, place as defined in the permit, and time of sampling or measurements; b. The date(s) analyses were performed; c. The company or entity that performed the analyses; d. The analytical techniques or methods used; e. The results of such analyses; and f. The operating conditions as existing at the time of sampling or measurement; 2. Records of all required monitoring data and support information shall be retained for a period

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E. GENERAL RECORD KEEPING AND REPORTING	
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	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.
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"> 1. The identity of the stack and/or emission point where the excess emissions occurred; 2. 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; 3. The time and duration of excess emissions; 4. The identity of the equipment causing the excess emissions; 5. The nature and cause of such excess emissions; 6. The steps taken to remedy the malfunction and the steps taken or planned to prevent the recurrence of such malfunction; 7. The steps taken to limit the excess emissions; and, 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. <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"> 1. The identification of each term or condition of the permit that is the basis of the certification. 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. 3. The status of compliance with the terms and conditions of the permit for the period covered

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E. GENERAL RECORD KEEPING AND REPORTING

Condition Number	Conditions
	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. 4. Such other facts as the Department may require to determine the compliance status of the source.
E.8	(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.

F. INSIGNIFICANT ACTIVITIES

Condition Number	Conditions
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.

G. PERMIT SHIELD

Condition Number	Conditions
G.1	(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

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G. PERMIT SHIELD	
Condition Number	Conditions
	<p>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	
S.C. Regulation 61-62.1 Air Pollution Control Regulations and Standards - Definitions and General Requirements	
S.C. Regulation 61-62.5, Standard No. 3 Waste Combustion and Reduction	
S.C. Regulation 61-62.5, Standard No. 7 Prevention of Significant Deterioration	
S.C. Regulation 61-62.5, Standard No. 7.1 Nonattainment New Source Review	
S.C. Regulation 61-62.6 Control of Fugitive Particulate Matter	

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</p>

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H. AMBIENT AIR STANDARDS	
Condition Number	Conditions
	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.

I. COMPLIANCE SCHEDULE – RESERVED
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Applicable and Non-Applicable Federal and State Regulations

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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.

State Air Pollution Control Regulations and Standards	
Regulation Citation	Applicable?
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	No
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	Yes
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 (NOX)	Yes
S.C. Regulation 61-62.5, Standard No. 7 Prevention of Significant Deterioration	No
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	No

40 CR 60	
Regulation Citation	Applicable?
40 CFR 60 Subpart A General Provisions	Yes
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

Applicable and Non-Applicable Federal and State Regulations

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40 CR 60	
Regulation Citation	Applicable?
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 Dc Small 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
40 CFR 60 Subpart Ga Nitric Acid Plants for Which Construction, Reconstruction, or Modification Commenced after October 14, 2011	No
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

Applicable and Non-Applicable Federal and State Regulations

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40 CR 60	
Regulation Citation	Applicable?
40 CFR 60 Subpart Kb Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction or 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
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 X Phosphate Fertilizer Industry: Granular Triple Superphosphate Storage Facilities	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

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40 CR 60	
Regulation Citation	Applicable?
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
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

Applicable and Non-Applicable Federal and State Regulations

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40 CR 60	
Regulation Citation	Applicable?
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
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 SO2 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

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40 CR 60	
Regulation Citation	Applicable?
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 Cc Emission Guidelines and Compliance Times for Municipal Solid Waste Landfills	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
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	Yes
40 CFR 60 Subpart KKKK Stationary Combustion Turbines	No

Applicable and Non-Applicable Federal and State Regulations

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40 CR 60	
Regulation Citation	Applicable?
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 OOOOa Crude Oil and Natural Gas Facilities for which Construction, Modification, or Reconstruction Commenced after September 18, 2015	No
40 CFR 60 Subpart QQQQ New Residential Hydronic Heaters and Forced-Air Furnaces	No
40 CFR 60 Subpart Ce Emission Guidelines and Compliance Times for Hospital/Medical/Infectious Waste Incinerators	No

40 CR 63	
Regulation Citation	Applicable?
40 CFR 63 Subpart A General Provisions	Yes
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
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

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40 CR 63	
Regulation Citation	Applicable?
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 Y Marine Tank Vessel Loading Operations	No
40 CFR 63 Subpart AA Phosphoric Acid Manufacturing Plants	No
40 CFR 63 Subpart BB Phosphate Fertilizers Production Plants	No
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	No

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40 CR 63	
Regulation Citation	Applicable?
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
40 CFR 63 Subpart WW Storage Vessels (Tanks)—Control Level 2	No
40 CFR 63 Subpart YY Generic Maximum Achievable Control Technology Standards	No
40 CFR 63 Subpart XX Ethylene Manufacturing Process Units: Heat Exchange Systems and Waste Operations	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

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40 CR 63	
Regulation Citation	Applicable?
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
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

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40 CR 63	
Regulation Citation	Applicable?
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
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

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40 CR 63	
Regulation Citation	Applicable?
40 CFR 63 Subpart ZZZZ Stationary Reciprocating Internal Combustion Engines	Yes
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	No
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
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

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40 CR 63	
Regulation Citation	Applicable?
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 VVVVV Chemical Manufacturing Area Sources	No
40 CFR 63 Subpart BBBBBB Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities	No
40 CFR 63 Subpart CCCCCC 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
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 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

Applicable and Non-Applicable Federal and State Regulations

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Regulation Citation	Applicable?
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

Other Federal Air Pollution Control Regulations and Standards	
Regulation Citation	Applicable?
40 CFR 64 CAM - Compliance Assurance Monitoring	No