SC DEPARTMENT of ENVIRONMENTAL SERVICES

Bureau of Air Quality
Title V Operating Permit

Robert Bosch LLC
8101 Dorchester Road
Charleston, South Carolina 29418
Dorchester 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 March 28, 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-0900-0020 v2.0**
Agency Air Number:	**0900-0020**
Issue Date:	**March 31, 2025**
Effective Date:	**April 1, 2025**
Expiration Date:	**March 31, 2030**

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

RECORD OF REVISIONS

Date	Type	Description of Changes

AA Administrative Amendment
MM Minor Modification
SM Significant Modification

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

Emission Unit ID	Emission Unit Description
01	Boilers
02	EV Assembly Lines, Audit, and Endurance Testing
03	Chrome Plating Lines
05	Waste Water Treatment
06	HDEV Assembly/Audit Line
07	HD Pump Assembly/Audit Line

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 – BOILERS

Equipment ID	Equipment Description	Installation Date	Control Device ID	Emission Point ID
BR5-2013	12.557 million BTU/hr Natural gas and No. 2 fuel oil fired boiler	2013	None	BLR5-2013
BR6	9.99 million BTU/hr Natural gas and No. 2 fuel oil fired boiler	2005	None	BLR6

A.2 EQUIPMENT FOR EMISSION UNIT 02 – EV ASSEMBLY LINES, AUDIT, AND ENDURANCE TESTING

Equipment ID	Equipment Description	Installation Date	Control Device ID	Emission Point ID
EV14-LINE2	EV14 assembly line 2	2003	None	D2AR4
EV14-LINE3	EV14 assembly line 3	2005	None	D2AR4
EV14-LINE4	EV14 assembly line 4	2006	None	D2AR4
EV14-LINE5	EV14 assembly line 5	2012	None	D2AR4
EVAUDIT	EV audit test stands and filtration system – fuel injector testing	1987	None	D2AR4
EVEND	EV endurance test – quality assurance	1985	None	ETC 1-8

A.3 EQUIPMENT FOR EMISSION UNIT 03 – CHROME PLATING LINES

Equipment ID	Equipment Description	Installation Date	Control Device ID	Emission Point ID
CPL1-2	Cassette chrome plating line nos. 1 and 2	2001	CD-CR SCRUB	E2BR1
CPL4	Chrome plating line no. 4	2016	CD-CPL4	CPL4

A.4 CONTROL DEVICE(S) FOR EMISSION UNIT 03 – CHROME PLATING LINES

Control Device ID	Control Device Description	Pollutant(s) Controlled	Installation Date	Emission Point ID
CD-CR SCRUB	100% Capture – multistage wet scrubber with mist separator and prefilter	PM, PM_{10}, $PM_{2.5}$, Cr	2001	E2BR1
CD-CPL4	100% Capture – composite mesh pad mist eliminator	PM, PM_{10}, $PM_{2.5}$, Cr	2016	CPL4

A.5 EQUIPMENT FOR EMISSION UNIT 05 – WASTEWATER TREATMENT

Equipment ID	Equipment Description	Installation Date	Control Device ID	Emission Point ID
WWT	Waste water treatment – water system and wastewater treatment tanks	1989	ACID SCRUB	Fugitive

A.6 CONTROL DEVICE(S) FOR EMISSION UNIT 05 – WASTEWATER TREATMENT

Control Device ID	Control Device Description	Pollutant(s) Controlled	Installation Date	Emission Point ID
ACID SCRUB	Acid Scrubber (Voluntary)	H_2SO_4	2015	AS553

A.7 EQUIPMENT FOR EMISSION UNIT 06 – HDEV ASSEMBLY/AUDIT LINE

Equipment ID	Equipment Description	Installation Date	Control Device ID	Emission Point ID
HDEV-Assembly/ Audit	High-pressure gasoline fuel injector assembly and auditing process	2013	None	Fugitive

A.8 EQUIPMENT FOR EMISSION UNIT 07 – HD PUMP ASSEMBLY/AUDIT LINE

Equipment ID	Equipment Description	Installation Date	Control Device ID	Emission Point ID
HDP-Assembly/ Audit	High-pressure gasoline fuel pump assembly and auditing process	2013	None	Fugitive

B. LIMITATIONS, MONITORING, AND REPORTING

Condition Number	Conditions
B.1	**Emission Unit ID:** 02, 03 **Equipment ID:** EV14-LINE2, EV14-LINE3, EV14-LINE4, EV14-LINE5, CPL1-2, CPL4 **Control Device ID:** CD-CR SCRUB, CD-CPL4 (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: For process weight rates less than or equal to 30 tons per hour $E = (F)\ 4.10P^{0.67}$ For process weight rates greater than 30 tons per hour $E = (F)\ (55.0P^{0.11} - 40)$ 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 The calculated uncontrolled particulate matter emissions from process Unit ID 02 (EV Assembly Lines, Audit, and Endurance Test) and process Unit ID 03 (Chrome Plating Lines) are at or below the particulate matter allowable emissions rates (based on the maximum process weight rate in tons per hour) imposed by this standard.
B.2	**Emission Unit ID:** 02, 03, 05, 06, 07 **Equipment ID:** EV14-LINE2, EV14-LINE3, EV14-LINE4, EV14-LINE5, EVAUDIT, CPL1-2, CPL4, WWT, HDEV-Assembly/Audit, HDP-Assembly/Audit **Control Device ID:** CD-CR SCRUB, CD-CPL4 (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.
B.3	**Emission Unit ID:** 02 **Equipment ID:** EVEND **Control Device ID:** None (S.C. Regulation 61-62.5, Standard No. 4, Section IX) Where construction or modification began on or before December 31, 1985, emissions from this source (including fugitive emissions) shall not exhibit an opacity greater than 40%.

B. LIMITATIONS, MONITORING, AND REPORTING

Condition Number	Conditions
B.4	**Emission Unit ID:** 01, 02, 03, 05, 06, 07 **Equipment ID:** EV14-LINE2, EV14-LINE3, EV14-LINE4, EV14-LINE5, EVAUDIT, EVEND, CPL1-2, CPL4, WWT, HDEV-Assembly/Audit, HDP-Assembly/Audit **Control Device ID:** CD-CR SCRUB, CD-CPL4 (S.C. Regulation 61-62.70.6(a)(3)(i)(C)) 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. 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.
B.5	**Emission Unit ID:** 01 **Equipment ID:** BR5-2013, BR6 **Control Device ID:** None (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%. Owners and operators shall, to the extent practicable, maintain and operate any source including 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.
B.6	**Emission Unit ID:** 01 **Equipment ID:** BR5-2013, BR6 **Control Device ID:** None (S.C. Regulation 61-62.5, Standard No. 1, Section II) The maximum allowable discharge of particulate matter resulting from these sources is 0.6 pounds per million BTU input.
B.7	**Emission Unit ID:** 01 **Equipment ID:** BR5-2013, BR6

B. LIMITATIONS, MONITORING, AND REPORTING

Condition Number	Conditions
	Control Device ID: None (S.C. Regulation 61-62.5, Standard No. 1, Section III) The maximum allowable discharge of sulfur dioxide (SO_2) resulting from these sources is 2.3 pounds per million BTU input.
B.8	**Emission Unit ID:** 01 **Equipment ID:** BR5-2013, BR6 **Control Device ID:** None (S.C. Regulation 61-62.70.6(a)(3)(i)(C)) These sources are permitted to burn only natural gas (propane may be used as backup for the pilot lights) and No. 2 fuel oil. The use of any other substances as fuel is prohibited without prior written approval from the Department.
B.9	**Emission Unit ID:** 01 **Equipment ID:** BR5-2013 **Control Device ID:** None (S.C. Regulation 61-62.5, Standard No. 5.2, Section III) The allowable discharge of NO_X resulting from this source: $$E_n = \frac{0.036 \frac{lb}{million\ BTU} \times H_{ng} + 0.14 \frac{lb}{million\ BTU} \times H_{fo}}{H_{ng} + H_{fo}}$$ Where: E_n = NO_x emission limit in lb/million BTU H_{ng} = Heat input from natural gas H_{fo} = Heat input from fuel oil
B.10	**Emission Unit ID:** 01 **Equipment ID:** BR5-2013 **Control Device ID:** None (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 start-up of operation for affected new sources. Each subsequent tune-up shall be conducted no more than twenty-four (24) months after the previous tune-up. 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. The owner or operator shall develop and retain a tune-up plan on file.
B.11	**Emission Unit ID:** 01 **Equipment ID:** BR5-2013 **Control Device ID:** None

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Condition Number	**Conditions**
	(S.C. Regulation 61-62.5, Standard No. 5.2, Section IV) The owner or operator shall record monthly the amounts and types of each fuel combusted by the affected sources and maintain these records on site. The owner or operator shall maintain records of the occurrence and duration of any malfunction in the operation of an affected source; any malfunction of the air pollution control equipment; and any periods during which a continuous monitoring system or monitoring device is inoperative.
B.12	**Emission Unit ID:** 01 **Equipment ID:** BR5-2013 **Control Device ID:** None This source is subject to New Source Performance Standards (NSPS), 40 CFR 60 and S.C. Regulation 61-62.60 Subpart A, General Provisions and Subpart Dc, Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units, as applicable. This source shall comply with all applicable requirements of Subparts A and Dc.
B.13	**Emission Unit ID:** 01 **Equipment ID:** BR5-2013 **Control Device ID:** None §60.40c Applicability and delegation of authority. (a) Except as provided in paragraphs (d), (e), (f), and (g) of this section, the affected facility to which this subpart applies is each steam generating unit for which construction, modification, or reconstruction is commenced after June 9, 1989 and that has a maximum design heat input capacity of 29 megawatts (MW) (100 million British thermal units per hour (MMBtu/h)) or less, but greater than or equal to 2.9 MW (10 MMBtu/h). (b) In delegating implementation and enforcement authority to a State under section 111(c) of the Clean Air Act, § 60.48c(a)(4) shall be retained by the Administrator and not transferred to a State.
B.14	**Emission Unit ID:** 01 **Equipment ID:** BR5-2013 **Control Device ID:** None § 60.42c Standard for sulfur dioxide (SO_2). (d) On and after the date on which the initial performance test is completed or required to be completed under § 60.8, whichever date comes first, no owner or operator of an affected facility that combusts oil shall cause to be discharged into the atmosphere from that affected facility any gases that contain SO_2 in excess of 215 ng/J (0.50 lb/MMBtu) heat input from oil; or, as an alternative, no owner or operator of an affected facility that combusts oil shall combust oil in the affected facility that contains greater than 0.5 weight percent sulfur. The percent reduction requirements are not applicable to affected facilities under this paragraph.

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	(g) Except as provided in paragraph (h) of this section, compliance with the percent reduction requirements, fuel oil sulfur limits, and emission limits of this section shall be determined on a 30-day rolling average basis. (h) For affected facilities listed under paragraphs (h)(1), (2), (3), or (4) of this section, compliance with the emission limits or fuel oil sulfur limits under this section may be determined based on a certification from the fuel supplier, as described under § 60.48c(f), as applicable. (1) Distillate oil-fired affected facilities with heat input capacities between 2.9 and 29 MW (10 and 100 MMBtu/hr). (i) The SO_2 emission limits, fuel oil sulfur limits, and percent reduction requirements under this section apply at all times, including periods of startup, shutdown, and malfunction.
B.15	**Emission Unit ID:** 01 **Equipment ID:** BR5-2013 **Control Device ID:** None § 60.44c Compliance and performance test methods and procedures for sulfur dioxide. (h) For affected facilities subject to § 60.42c(h)(1), (2), or (3) where the owner or operator seeks to demonstrate compliance with the SO_2 standards based on fuel supplier certification, the performance test shall consist of the certification from the fuel supplier, as described in § 60.48c(f), as applicable.
B.16	**Emission Unit ID:** 01 **Equipment ID:** BR5-2013 **Control Device ID:** None § 60.46c Emission monitoring for sulfur dioxide. (e) The monitoring requirements of paragraphs (a) and (d) of this section shall not apply to affected facilities subject to § 60.42c(h) (1), (2), or (3) where the owner or operator of the affected facility seeks to demonstrate compliance with the SO_2 standards based on fuel supplier certification, as described under § 60.48c(f), as applicable.
B.17	**Emission Unit ID:** 01 **Equipment ID:** BR5-2013 **Control Device ID:** None § 60.48c Reporting and recordkeeping requirements. (a) The owner or operator of each affected facility shall submit notification of the date of construction or reconstruction and actual startup, as provided by § 60.7 of this part. This notification shall include: (1) The design heat input capacity of the affected facility and identification of fuels to be combusted in the affected facility.

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	(2) If applicable, a copy of any federally enforceable requirement that limits the annual capacity factor for any fuel or mixture of fuels under § 60.42c, or § 60.43c. (3) The annual capacity factor at which the owner or operator anticipates operating the affected facility based on all fuels fired and based on each individual fuel fired. (d) The owner or operator of each affected facility subject to the SO_2 emission limits, fuel oil sulfur limits, or percent reduction requirements under § 60.42c shall submit reports to the Administrator. (e) The owner or operator of each affected facility subject to the SO_2 emission limits, fuel oil sulfur limits, or percent reduction requirements under § 60.42c shall keep records and submit reports as required under paragraph (d) of this section, including the following information, as applicable. (1) Calendar dates covered in the reporting period. (2) Each 30-day average SO_2 emission rate (ng/J or lb/MMBtu), or 30-day average sulfur content (weight percent), calculated during the reporting period, ending with the last 30-day period; reasons for any noncompliance with the emission standards; and a description of corrective actions taken. (11)If fuel supplier certification is used to demonstrate compliance, records of fuel supplier certification as described under paragraph (f)(1), (2), (3), or (4) of this section, as applicable. In addition to records of fuel supplier certifications, the report shall include a certified statement signed by the owner or operator of the affected facility that the records of fuel supplier certifications submitted represent all of the fuel combusted during the reporting period. (f) Fuel supplier certification shall include the following information: (1) For distillate oil: (i) The name of the oil supplier; (ii) A statement from the oil supplier that the oil complies with the specifications under the definition of distillate oil in § 60.41c; and (iii) The sulfur content or maximum sulfur content of the oil. (g) (1) Except as provided under paragraphs (g)(2) and (g)(3) of this section, the owner or operator of each affected facility shall record and maintain records of the amount of each fuel combusted during each operating day. (2) As an alternative to meeting the requirements of paragraph (g)(1) of this section, the owner or operator of an affected facility that combusts only natural gas, wood, fuels using fuel certification in § 60.48c(f) to demonstrate compliance with the SO_2 standard, fuels not

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	subject to an emissions standard (excluding opacity), or a mixture of these fuels may elect to record and maintain records of the amount of each fuel combusted during each calendar month. (3) As an alternative to meeting the requirements of paragraph (g)(1) of this section, the owner or operator of an affected facility or multiple affected facilities located on a contiguous property unit where the only fuels combusted in any steam generating unit (including steam generating units not subject to this subpart) at that property are natural gas, wood, distillate oil meeting the most current requirements in § 60.42C to use fuel certification to demonstrate compliance with the SO_2 standard, and/or fuels, excluding coal and residual oil, not subject to an emissions standard (excluding opacity) may elect to record and maintain records of the total amount of each steam generating unit fuel delivered to that property during each calendar month. (i) All records required under this section shall be maintained by the owner or operator of the affected facility for a period of two years following the date of such record. (j) The reporting period for the reports required under this subpart is each six-month period. All reports shall be submitted to the Administrator and shall be postmarked by the 30th day following the end of the reporting period.
B.18	**Emission Unit ID:** Facility-Wide **Equipment ID:** Facility-Wide **Control Device ID:** Facility-Wide (S.C. Regulation 61-62.1, Section II(E)) This facility has established federally enforceable emissions limitations to limit its potential to emit to less than 250.0 tons per year for VOC emissions to avoid PSD. The owner or operator shall maintain records of all volatile organic compounds (VOC). These records shall include the total amount of each material used, material recovery records, production records, the VOC content in percent by weight of each material, fuel consumption, fuel heat content, and any other records necessary to determine VOC emissions. VOC emissions shall be calculated monthly, and a twelve-month rolling sum shall be calculated monthly. Facility-wide emission totals must include emissions from insignificant activities. Emissions from malfunctions are required to be quantified and included in the calculations. The twelve-month rolling sum shall be less than 250.0 tons for VOC. Reports of the calculated values and the twelve-month rolling sum, calculated for each month in the reporting period, shall be submitted semiannually. Emissions shall be calculated using the following: • Assembly Fluid, Audit Fluid, and Cleaner Usage – Material usage records, material recovery records, production records, and material pollutant concentrations per manufacturers' SDS (or equivalent document). Material recovery records must include a statement that the material recovered is not a mixed waste and was shipped off-site. If waste is mixed, an

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	application rate must be used instead of material recovery records. o Where material is recovered from the process: $$Lost\ Material \times VOC\ Concentration \times Density$$ o Where material is not recovered from the process: $$Application\ Rate \times VOC\ Concentration \times Density \times Process\ Rate$$ • Natural Gas and No. 2 Fuel Oil Firing – Fuel usage records, heat content from the fuel supplier and the latest VOC emission factor from AP-42 Table 1.4-2 $$Fuel\ Usage \times Heat\ Content\ of\ Fuel \times Pollutant\ Emission\ Factor$$
B.19	**Emission Unit ID:** 03 **Equipment ID:** CPL1-2, CPL4 **Control Device ID:** CD-CR SCRUB, CD-CPL4 (S.C. Regulation 61-62.70.6(a)(3)(i)(C)) The owner or operator shall inspect, calibrate, adjust, and maintain continuous monitoring systems, monitoring devices, and gauges in accordance with manufacturer's specifications or good engineering practices. The owner or operator shall maintain on file all measurements including continuous monitoring system or monitoring device performance measurements; all continuous monitoring system performance evaluations; all continuous monitoring system or monitoring device calibration checks; adjustments and maintenance performed on these systems or devices; and all other information required in a permanent form suitable for inspection by Department personnel. (S.C. Regulation 61-62.1, Section II(J)(1)(d)) Sources required to have continuous emission monitors shall submit reports as specified in applicable parts of the permit, law, regulations, or standards.
B.20	**Emission Unit ID:** 03 **Equipment ID:** CPL1-2, CPL4 **Control Device ID:** CD-CR SCRUB, CD-CPL4 (S.C. Regulation 61-62.70.6(a)(3)(i)(C)) All gauges shall be readily accessible and easily read by operating personnel and Department personnel (i.e. on ground level or easily accessible roof level). Monitoring parameter readings (e.g., pressure drop readings, flow rates, etc.) and inspection checks shall be maintained in logs (written or electronic), along with any corrective action taken when deviations occur. Each occurrence of operation outside the operational ranges, including date and time, cause, and corrective action taken, shall be recorded and kept on site. Exceedance of operational range shall not be considered a violation of an emission limit of this permit, unless the exceedance is also accompanied by other information demonstrating that a violation of an emission limit has taken place. Reports of these occurrences shall be submitted semiannually. If there were no occurrences during the reporting period, then documentation shall be submitted to indicate such. Any alternative

B. LIMITATIONS, MONITORING, AND REPORTING	
Condition Number	**Conditions**
	method for monitoring control device performance must be preapproved by the Department and shall be incorporated into the permit as set forth in S.C. Regulation 61-62.70.7.
B.21	**Emission Unit ID:** 03 **Equipment ID:** CPL1-2, CPL4 **Control Device ID:** CD-CR SCRUB, CD-CPL4 (S.C. Regulation 61-62.70.6(a)(3)(i)(C)) Operational ranges for the monitored parameters have been established to ensure proper operation of the pollution control equipment. These operational ranges for the monitored parameters were derived from stack test data, vendor certification, and/or operational history and visual inspections, which demonstrate the proper operation of the equipment. The facility shall maintain the established ranges and supporting documentation for these monitored parameters. Operating ranges may be updated following submittal to the Department.
B.22	**Emission Unit ID:** 03 **Equipment ID:** CPL1-2 **Control Device ID:** CD-CR SCRUB (S.C. Regulation 61-62.70.6(a)(3)(i)(C)) The owner or operator shall continue to operate and maintain liquid flow meters, liquid pressure indicators, and gas flow meters on each scrubber module. Each monitored parameter shall be recorded daily during source operation. Facilities with automated data collection may collect monitoring data on a more frequent basis and calculate the daily average. Readings collected when the source is shutdown or not operating may not be used in the calculation. The owner or operator must get approval from the Department for an increased frequency/averaging plan prior to using averaging for parametric monitoring. The owner or operator shall continue to record daily, the calculated monitoring averages using the approved increased frequency/averaging plan unless prior approval is obtained from the Department for changing the plan. Operation and maintenance checks shall be made per the requirements in MACT Subpart N. The scrubber shall be in place and operational whenever processes controlled by it are running, except during periods of scrubber malfunction or mechanical failure.
B.23	**Emission Unit ID:** 03 **Equipment ID:** CPL4 **Control Device ID:** CD-CPL4 (S.C. Regulation 61-62.70.6(a)(3)(i)(C)) The owner or operator shall continue to operate and maintain pressure drop indicators and gas flow meters on the demister. Each monitored parameter shall be recorded daily during source operation. Facilities with automated data collection may collect monitoring data on a more frequent basis and calculate the daily average. Readings collected when the source is shutdown or not operating may not be used in the calculation. The owner or operator must get approval from the Department for an increased frequency/averaging plan prior to using averaging for parametric monitoring. The owner or operator shall continue to record daily, the calculated monitoring averages using the approved increased frequency/averaging plan unless prior

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	approval is obtained from the Department for changing the plan. Operation and maintenance checks shall be made per the requirements in MACT Subpart N.The demister shall be in place and operational whenever processes controlled by it are running, except during periods of demister malfunction or mechanical failure.

C. NESHAP (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 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 §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	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. (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: 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).
C.4	**Emission Unit ID:** 03 **Equipment ID:** CPL1-2, CPL4 **Control Device ID:** CD-CR SCRUB, CD-CPL4

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

Condition Number	Conditions
	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 N Chromium Emissions from Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks. 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.
C.5	**Emission Unit ID:** 03 **Equipment ID:** CPL1-2, CPL4 **Control Device ID:** CD-CR SCRUB, CD-CPL4 §63.340 Applicability and designation of sources. (a) The affected source to which the provisions of this subpart apply is each chromium electroplating or chromium anodizing tank at facilities performing hard chromium electroplating, decorative chromium electroplating, or chromium anodizing. (b) Owners or operators of affected sources subject to the provisions of this subpart must also comply with the requirements of subpart A of this part, according to the applicability of subpart A of this part to such sources, as identified in Table 1 of this subpart. (c) Process tanks associated with a chromium electroplating or chromium anodizing process, but in which neither chromium electroplating nor chromium anodizing is taking place, are not subject to the provisions of this subpart. Examples of such tanks include, but are not limited to, rinse tanks, etching tanks, and cleaning tanks. Likewise, tanks that contain a chromium solution, but in which no electrolytic process occurs, are not subject to this subpart. An example of such a tank is a chrome conversion coating tank where no electrical current is applied.
C.6	**Emission Unit ID:** 03 **Equipment ID:** CPL1-2, CPL4 **Control Device ID:** CD-CR SCRUB, CD-CPL4 §63.342 Standards. (a) (1) At all times, each owner or operator must operate and maintain any affected source subject to the requirements of this subpart, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. The general duty to minimize emissions does not require the owner or operator to make any further efforts to reduce emissions if levels required by this standard have been achieved. Determination of whether such operation and maintenance procedures are being used will be based on information available to the Administrator which may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source.

C. NESHAP (40 CFR 61 AND 40 CFR 63)	
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	(2) Each owner or operator of an affected source subject to the provisions of this subpart shall comply with these requirements in this section on and after the compliance dates specified in § 63.343(a). All affected sources are regulated by applying maximum achievable control technology. (b) *Applicability of emission limitations.* (1) The emission limitations in this section apply during tank operation as defined in § 63.341, and during periods of startup and shutdown as these are routine occurrences for affected sources subject to this subpart. In response to an action to enforce the standards set forth in this subpart, the owner or operator may assert a defense to a claim for civil penalties for violations of such standards that are caused by a malfunction, as defined in 40 CFR 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. (i) To establish the affirmative defense in any action to enforce such a standard, the owner or operator must timely meet the reporting requirements of paragraph (b)(1)(ii) of this section, and must prove by a preponderance of evidence that: (A) The violation was caused by a sudden, infrequent, and unavoidable failure of air pollution control equipment, process equipment, or a process to operate in a normal and 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 was not part of a recurring pattern indicative of inadequate design, operation, or maintenance; and (B) Repairs were made as expeditiously as possible when exceeded violation occurred. Off-shift and overtime labor were used, to the extent practicable to make these repairs; and (C) The frequency, amount and duration of the violation (including any bypass) were minimized to the maximum extent practicable; and (D) If the violation 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; and (E) All possible steps were taken to minimize the impact of the violation on ambient air quality, the environment, and human health; and (F) All emissions monitoring and control systems were kept in operation if at all possible, consistent with safety and good air pollution control practices; and (G) All of the actions in response to the violation were documented by properly signed, contemporaneous operating logs; and

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	(H) At all times, the affected sources were operated in a manner consistent with good practices for minimizing emissions; and (I) A written root cause analysis was prepared, 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. (ii) *Report*. The owner or operator seeking to assert an affirmative defense shall submit a written report to the Administrator with all necessary supporting documentation, that it has met the requirements set forth in paragraph (i) of this section. This affirmative defense report shall be included in the first periodic compliance, deviation report or excess emission report otherwise required after the initial occurrence of the violation of the relevant standard (which may be the end of any applicable averaging period). If such compliance, deviation report or excess emission report is due less than 45 days after the initial occurrence of the violation, the affirmation defense report may be included in the second compliance, deviation report or excess emission report due after the initial occurrence of the violation of the relevant standard. (2) If an owner or operator is controlling a group of tanks with a common add-on air pollution control device, the emission limitations of paragraphs (c), (d), and (e) of this section apply whenever any one affected source is operated. The emission limitation that applies to the group of affected sources is: (i) The emission limitation identified in paragraphs (c), (d), and (e) of this section if the affected sources are performing the same type of operation (e.g., hard chromium electroplating), are subject to the same emission limitation, and are not controlled by an add-on air pollution control device also controlling nonaffected sources; (c) (1) *Standards for open surface hard chromium electroplating tanks*. During tank operation, each owner or operator of an existing, new, or reconstructed affected source shall control chromium emissions discharged to the atmosphere from that affected source by either: (ii) Not allowing the concentration of total chromium in the exhaust gas stream discharged to the atmosphere to exceed 0.015 mg/dscm (6.6 × 10−6 gr/dscf) for all open surface hard chromium electroplating tanks that are existing affected sources and are located at small, hard chromium electroplating facilities; or (iv) Not allowing the concentration of total chromium in the exhaust gas stream discharged to the atmosphere to exceed 0.006 mg/dscm of ventilation air (2.6 × 10−6 gr/dscf) for all open surface hard chromium electroplating tanks that are new affected sources; or (v) After September 21, 2015, the owner or operator of an affected open surface hard chromium electroplating tank shall not add PFOS-based fume suppressants to any

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	affected open surface hard chromium electroplating tank. (f) *Operation and maintenance practices*. All owners or operators subject to the standards in paragraphs (c) and (d) of this section are subject to these operation and maintenance practices. (1) (i) At all times, including periods of startup, shutdown, and malfunction, owners or operators shall operate and maintain any affected source, including associated air pollution control devices and monitoring equipment, in a manner consistent with good air pollution control practices. (ii) Malfunctions shall be corrected as soon as practicable after their occurrence. (iii) Operation and maintenance requirements established pursuant to section 112 of the Act are enforceable independent of emissions limitations or other requirements in relevant standards. (2) (i) Determination of whether acceptable operation and maintenance procedures are being used will be based on information available to the Administrator, which may include, but is not limited to, monitoring results; review of the operation and maintenance plan, procedures, and records; and inspection of the source. (ii) Based on the results of a determination made under paragraph (f)(2)(i) of this section, the Administrator may require that an owner or operator of an affected source make changes to the operation and maintenance plan required by paragraph (f)(3) of this section for that source. Revisions may be required if the Administrator finds that the plan: (A) Does not address a malfunction that has occurred; (B) Fails to provide for the proper operation of the affected source, the air pollution control techniques, or the control system and process monitoring equipment during a malfunction in a manner consistent with good air pollution control practices; or (C) Does not provide adequate procedures for correcting malfunctioning process equipment, air pollution control techniques, or monitoring equipment as quickly as practicable. (3) *Operation and maintenance plan*. (i) The owner or operator of an affected source subject to paragraph (f) of this section shall prepare an operation and maintenance plan no later than the compliance date, except for hard chromium electroplaters and the chromium anodizing operations in California which have until January 25, 1998. The plan shall be incorporated by reference into the source's title V permit, if and when a title V permit is required. The plan shall include the

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	following elements: (A) The plan shall specify the operation and maintenance criteria for the affected source, the add-on air pollution control device (if such a device is used to comply with the emission limits), and the process and control system monitoring equipment, and shall include a standardized checklist to document the operation and maintenance of this equipment; (B) For sources using an add-on control device or monitoring equipment to comply with this subpart, the plan shall incorporate the operation and maintenance practices for that device or monitoring equipment, as identified in Table 1 of this section, if the specific equipment used is identified in Table 1 of this section; (D) The plan shall specify procedures to be followed to ensure that equipment or process malfunctions due to poor maintenance or other preventable conditions do not occur; and (E) The plan shall include a systematic procedure for identifying malfunctions of process equipment, add-on air pollution control devices, and process and control system monitoring equipment and for implementing corrective actions to address such malfunctions. (F) The plan shall include housekeeping procedures, as specified in Table 2 of this section. (ii) If the operation and maintenance plan fails to address or inadequately addresses an event that meets the characteristics of a malfunction at the time the plan is initially developed, the owner or operator shall revise the operation and maintenance plan within 45 days after such an event occurs. The revised plan shall include procedures for operating and maintaining the process equipment, add-on air pollution control device, or monitoring equipment during similar malfunction events, and a program for corrective action for such events. (iii) Recordkeeping associated with the operation and maintenance plan is identified in § 63.346(b). Reporting associated with the operation and maintenance plan is identified in § 63.347 (g) and (h) and paragraph (f)(3)(iv) of this section. (iv) If actions taken by the owner or operator during periods of malfunction are inconsistent with the procedures specified in the operation and maintenance plan required by paragraph (f)(3)(i) of this section, the owner or operator shall record the actions taken for that event and shall report by phone such actions within 2 working days after commencing actions inconsistent with the plan. This report shall be followed by a letter within 7 working days after the end of the event, unless the owner or operator makes alternative reporting arrangements, in advance, with the Administrator. (v) The owner or operator shall keep the written operation and maintenance plan on record after it is developed to be made available for inspection, upon request, by the

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Administrator for the life of the affected source or until the source is no longer subject to the provisions of this subpart. In addition, if the operation and maintenance plan is revised, the owner or operator shall keep previous (i.e., superseded) versions of the operation and maintenance plan on record to be made available for inspection, upon request, by the Administrator for a period of 5 years after each revision to the plan.

(vi) To satisfy the requirements of paragraph (f)(3) of this section, the owner or operator may use applicable standard operating procedure (SOP) manuals, Occupational Safety and Health Administration (OSHA) plans, or other existing plans, provided the alternative plans meet the requirements of this section.

Table 1 to § 63.342—Summary of Operation and Maintenance Practices

Control technique	Operation and maintenance practices	Frequency
Composite mesh-pad (CMP) system	1. Visually inspect device to ensure there is proper drainage, no chromic acid buildup on the pads, and no evidence of chemical attack on the structural integrity of the device	1. 1/quarter.
	2. Visually inspect back portion of the mesh pad closest to the fan to ensure there is no breakthrough of chromic acid mist	2. 1/quarter.
	3. Visually inspect ductwork from tank to the control device to ensure there are no leaks	3. 1/quarter.
	4. Perform washdown of the composite mesh-pads in accordance with manufacturers recommendations	4. Per manufacturer.
Packed-bed scrubber (PSB)	1. Visually inspect device to ensure there is proper drainage, no chromic acid buildup on the packed beds, and no evidence of chemical attack on the structural integrity of the device	1. 1/quarter.
	2. Visually inspect back portion of the chevron blade mist eliminator to ensure that it is dry and there is no breakthrough of chromic acid mist	2. 1/quarter.
	3. Visually inspect ductwork from tank to the control device to ensure there are no leaks	3. 1/quarter.
	4. Add fresh makeup water to the top of the packed bed [a b]	4. Whenever makeup is added.
Fiber-bed mist eliminator [c]	1. Visually inspect fiber-bed unit and prefiltering device to ensure there is proper drainage, no chromic acid buildup in the units, and no evidence of chemical attack on the structural integrity of the devices	1. 1/quarter.

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	2. Visually inspect ductwork from tank or tanks to the control device to ensure there are no leaks	2. 1/quarter.
	3. Perform washdown of fiber elements in accordance with manufacturers recommendations	3. Per manufacturer.

[a] If greater than 50 percent of the scrubber water is drained (e.g., for maintenance purposes), makeup water may be added to the scrubber basin.

[b] For horizontal-flow scrubbers, top is defined as the section of the unit directly above the packing media such that the makeup water would flow perpendicular to the air flow through the packing. For vertical-flow units, the top is defined as the area downstream of the packing material such that the makeup water would flow countercurrent to the air flow through the unit.

[c] Work practice standards for the control device installed upstream of the fiber-bed mist eliminator to prevent plugging do not apply as long as the work practice standards for the fiber-bed unit are followed.

Table 2 to § 63.342—Housekeeping Practices

For	You must:	At this minimum frequency
1. Any substance used in an affected chromium electroplating or chromium anodizing tank that contains hexavalent chromium	(a) Store the substance in a closed container in an enclosed storage area or building; AND (b) Use a closed container when transporting the substance from the enclosed storage area	At all times, except when transferring the substance to and from the container. Whenever transporting substance, except when transferring the substance to and from the container.
2. Each affected tank, to minimize spills of bath solution that result from dragout. Note: this measure does not require the return of contaminated bath solution to the tank. This requirement applies only as the parts are removed from the tank. Once away from the tank area, any spilled solution must be handled in accordance with Item 4 of these housekeeping measures	(a) Install drip trays that collect and return to the tank any bath solution that drips or drains from parts as the parts are removed from the tank; OR (b) Contain and return to the tank any bath solution that drains or drips from parts as the parts are removed from the tank; OR (c) Collect and treat in an onsite wastewater treatment plant any bath solution that drains or drips from parts as the parts are removed from the tank	Prior to operating the tank. Whenever removing parts from an affected tank. Whenever removing parts from an affected tank.

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	3. Each spraying operation for removing excess chromic acid from parts removed from, and occurring over, an affected tank	Install a splash guard to minimize overspray during spraying operations and to ensure that any hexavalent chromium laden liquid captured by the splash guard is returned to the affected chromium electroplating or anodizing tank	Prior to any such spraying operation.
	4. Each operation that involves the handling or use of any substance used in an affected chromium electroplating or chromium anodizing tank that contains hexavalent chromium	Begin clean up, or otherwise contain, all spills of the substance. Note: substances that fall or flow into drip trays, pans, sumps, or other containment areas are not considered spills	Within 1 hour of the spill.
	5. Surfaces within the enclosed storage area, open floor area, walkways around affected tanks contaminated with hexavalent chromium from an affected chromium electroplating or chromium anodizing tank	(a) Clean the surfaces using one or more of the following methods: HEPA vacuuming; Hand-wiping with a damp cloth; Wet mopping; Hose down or rinse with potable water that is collected in a wastewater collection system; Other cleaning method approved by the permitting authority; OR (b) Apply a non-toxic chemical dust suppressant to the surfaces	At least once every 7 days if one or more chromium electroplating or chromium anodizing tanks were used, or at least after every 40 hours of operating time of one or more affection chromium electroplating or chromium anodizing tank, whichever is later. According to manufacturer's recommendations.
	6. All buffing, grinding, or polishing operations that are located in the same room as chromium electroplating or chromium anodizing operations	Separate the operation from any affected electroplating or anodizing operation by installing a physical barrier; the barrier may take the form of plastic strip curtains	Prior to beginning the buffing, grinding, or polishing operation.

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	7. All chromium or chromium-containing wastes generated from housekeeping activities	Store, dispose, recover, or recycle the wastes using practices that do not lead to fugitive dust and in accordance with hazardous waste requirements	At all times.
C.7	**Emission Unit ID:** 03 **Equipment ID:** CPL1-2, CPL4 **Control Device ID:** CD-CR SCRUB, CD-CPL4 §63.343 Compliance provisions. (a) *Compliance dates.* (3) The owner or operator of an existing area source that increases actual or potential emissions of hazardous air pollutants such that the area source becomes a major source must comply with the provisions for existing major sources, including the reporting provisions of § 63.347(g), immediately upon becoming a major source. (5) An owner or operator of an existing hard chromium electroplating tank or tanks located at a small, hard chromium electroplating facility that increases its maximum cumulative potential rectifier capacity, or its actual cumulative rectifier capacity, such that the facility becomes a large, hard chromium electroplating facility must comply with the requirements of § 63.342(c)(1)(i) for all hard chromium electroplating tanks at the facility no later than 1 year after the month in which monthly records required by §§ 63.342(c)(2) and 63.346(b)(12) show that the large designation is met, or by the compliance date specified in paragraph (a)(1)(ii) of this section, whichever is later. (8) After March 19, 2013, the owner or operator of an affected source that is subject to the standards in paragraphs § 63.342(c) or (d) shall implement the housekeeping procedures specified in Table 2 of § 63.342. (c) *Monitoring to demonstrate continuous compliance*. The owner or operator of an affected source subject to the emission limitations of this subpart shall conduct monitoring according to the type of air pollution control technique that is used to comply with the emission limitation. The monitoring required to demonstrate continuous compliance with the emission limitations is identified in this section for the air pollution control techniques expected to be used by the owners or operators of affected sources. As an alternative to the daily monitoring, the owner or operator of an affected source may install a continuous pressure monitoring system. (1) *Composite mesh-pad systems.* (ii) On and after the date on which the initial performance test is required to be completed under § 63.7, the owner or operator of an affected source, or group of affected sources under common control, shall monitor and record the pressure drop across the		

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	composite mesh-pad system once each day that any affected source is operating. To be in compliance with the standards, the composite mesh-pad system shall be operated within ±2 inches of water column of the pressure drop value established during the initial performance test or shall be operated within the range of compliant values for pressure drop established during multiple performance tests. (iii) The owner or operator of an affected source complying with the emission limitations in § 63.343 through the use of a composite mesh-pad system may repeat the performance test and establish as a new site-specific operating parameter the pressure drop across the composite mesh-pad system according to the requirements in paragraphs (c)(1)(i) or (ii) of this section. To establish a new site-specific operating parameter for pressure drop, the owner or operator shall satisfy the requirements specified in paragraphs (c)(1)(iii)(A) through (D) of this section. (A) Determine the outlet chromium concentration using the test methods and procedures in § 63.344(c); (B) Establish the site-specific operating parameter value using the procedures § 63.344(d)(5); (C) Satisfy the recordkeeping requirements in § 63.346(b)(6) through (8); and (D) Satisfy the reporting requirements in § 63.347(d) and (f). (iv) The requirement to operate a composite mesh-pad system within the range of pressure drop values established under paragraphs (c)(1)(i) through (iii) of this section does not apply during automatic washdown cycles of the composite mesh-pad system. (2) *Packed-bed scrubber systems.* (ii) On and after the date on which the initial performance test is required to be completed under § 63.7, the owner or operator of an affected source, or group of affected sources under common control, shall monitor and record the velocity pressure at the inlet to the packed-bed system and the pressure drop across the scrubber system once each day that any affected source is operating. To be in compliance with the standards, the scrubber system shall be operated within ±10 percent of the velocity pressure value established during the initial performance test, and within ±1 inch of water column of the pressure drop value established during the initial performance test, or within the range of compliant operating parameter values established (4) *Fiber-bed mist eliminator.* (ii) On and after the date on which the initial performance test is required to be completed under § 63.7, the owner or operator of an affected source, or group of affected sources under common control, shall monitor and record the pressure drop across the fiber-bed mist eliminator, and the control device installed upstream of the fiber bed to prevent plugging, once each day that any affected source is operating. To be in compliance with

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	the standards, the fiber-bed mist eliminator and the upstream control device shall be operated within ±1 inch of water column of the pressure drop value established during the initial performance test or shall be operated within the range of compliant values for pressure drop established during multiple performance tests.
C.8	**Emission Unit ID:** 03 **Equipment ID:** CPL1-2, CPL4 **Control Device ID:** CD-CR SCRUB, CD-CPL4 §63.344 Performance test requirements and test methods. (a) *Performance test requirements.* Performance tests shall be conducted using the test methods and procedures in this section. Performance tests shall be conducted under such conditions as the Administrator specifies to the owner or operator based on representative performance of the affected source for the period being tested. Upon request, the owner or operator shall make available to the Administrator such records as may be necessary to determine the conditions of performance tests. Performance test results shall be documented in complete test reports that contain the information required by paragraphs (a)(1) through (9) of this section. The test plan to be followed shall be made available to the Administrator prior to the testing, if requested. (1) A brief process description; (2) Sampling location description(s); (3) A description of sampling and analytical procedures and any modifications to standard procedures; (4) Test results; (5) Quality assurance procedures and results; (6) Records of operating conditions during the test, preparation of standards, and calibration procedures; (7) Raw data sheets for field sampling and field and laboratory analyses; (8) Documentation of calculations; and (9) Any other information required by the test method. (c) *Test methods.* Each owner or operator subject to the provisions of this subpart and required by § 63.343(b) to conduct an initial performance test shall use the test methods identified in this section to demonstrate compliance with the standards in § 63.342. (1) Method 306 or Method 306A, "Determination of Chromium Emissions from Decorative and Hard Chromium Electroplating and Anodizing Operations," appendix A of this part shall be used to determine the chromium concentration from hard or decorative chromium electroplating tanks or chromium anodizing tanks. The sampling time and sample volume for each run of Methods 306 and 306A, appendix A of this part shall be at least 120 minutes

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	and 1.70 dscm (60 dscf), respectively. Methods 306 and 306A, appendix A of this part allow the measurement of either total chromium or hexavalent chromium emissions. For the purposes of this standard, sources using chromic acid baths must demonstrate compliance with the emission limits of § 63.342 by measuring the total chromium. (d) *Establishing site-specific operating parameter values.* (1) Each owner or operator required to establish site-specific operating parameters shall follow the procedures in this section. (2) All monitoring equipment shall be installed such that representative measurements of emissions or process parameters from the affected source are obtained. For monitoring equipment purchased from a vendor, verification of the operational status of the monitoring equipment shall include execution of the manufacturer's written specifications or recommendations for installation, operation, and calibration of the system. (i) Specifications for differential pressure measurement devices used to measure velocity pressure shall be in accordance with section 2.2 of Method 2 (40 CFR part 60, appendix A). (ii) Specification for differential pressure measurement devices used to measure pressure drop across a control system shall be in accordance with manufacturer's accuracy specifications. (4) The owner or operator of a source required to measure the velocity pressure at the inlet to an add-on air pollution control device in accordance with § 63.343(c)(2), shall establish the site-specific velocity pressure as follows: (i) Locate a velocity traverse port in a section of straight duct that connects the hooding on the plating tank or tanks with the control device. The port shall be located as close to the control system as possible and shall be placed a minimum of 2 duct diameters downstream and 0.5 diameter upstream of any flow disturbance such as a bend, expansion, or contraction (see Method 1, 40 CFR part 60, appendix A). If 2.5 diameters of straight duct work does not exist, locate the port 0.8 of the duct diameter downstream and 0.2 of the duct diameter upstream from any flow disturbance. (ii) A 12-point velocity traverse of the duct to the control device shall be conducted along a single axis according to Method 2 (40 CFR part 60, appendix A) using an S-type pitot tube; measurement of the barometric pressure and duct temperature at each traverse point is not required but is suggested. Mark the S-type pitot tube as specified in Method 1 (40 CFR part 60, appendix A) with 12 points. Measure the velocity pressure (Δ p) values for the velocity points and record. Determine the square root of the individual velocity point Δ p values and average. The point with the square root value that comes closest to the average square root value is the point of average velocity. The Δ p value measured for this point during the performance test will be used as the reference for future monitoring.

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	(5) The owner or operator of a source required to measure the pressure drop across the add-on air pollution control device in accordance with § 63.343(c) (1) through (4) may establish the pressure drop in accordance with the following guidelines: (i) Pressure taps shall be installed at any of the following locations: (A) At the inlet and outlet of the control system. The inlet tap should be installed in the ductwork just prior to the control device and the corresponding outlet pressure tap should be installed on the outlet side of the control device prior to the blower or on the downstream side of the blower; (B) On each side of the packed bed within the control system or on each side of each mesh pad within the control system; or (C) On the front side of the first mesh pad and back side of the last mesh pad within the control system. (ii) Pressure taps shall be sited at locations that are: (A) Free from pluggage as possible and away from any flow disturbances such as cyclonic demisters. (B) Situated such that no air infiltration at measurement site will occur that could bias the measurement. (iii) Pressure taps shall be constructed of either polyethylene, polybutylene, or other nonreactive materials. (iv) Nonreactive plastic tubing shall be used to connect the pressure taps to the device used to measure pressure drop. (v) Any of the following pressure gauges can be used to monitor pressure drop: a magnehelic gauge, an inclined manometer, or a "U" tube manometer. (vi) Prior to connecting any pressure lines to the pressure gauge(s), each gauge should be zeroed. No calibration of the pressure gauges is required. (e) *Special compliance provisions for multiple sources controlled by a common add-on air pollution control device.* (1) This section identifies procedures for measuring the outlet chromium concentration from an add-on air pollution control device that is used to control multiple sources that may or may not include sources not affected by this subpart. (2) When multiple affected sources performing the same type of operation (e.g., all are performing hard chromium electroplating), and subject to the same emission limitation, are controlled with an add-on air pollution control device that is not controlling emissions from any other type of affected operation or from any nonaffected sources, the applicable emission limitation identified in § 63.342 must be met at the outlet of the add-on air pollution

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	control device.
C.9	**Emission Unit ID:** 03 **Equipment ID:** CPL1-2, CPL4 **Control Device ID:** CD-CR SCRUB, CD-CPL4 §63.346 Recordkeeping requirements. (a) The owner or operator of each affected source subject to these standards shall fulfill all recordkeeping requirements outlined in this section and in the General Provisions to 40 CFR part 63, according to the applicability of subpart A of this part as identified in Table 1 of this subpart. (b) The owner or operator of an affected source subject to the provisions of this subpart shall maintain the following records for such source: (1) Inspection records for the add-on air pollution control device, if such a device is used, and monitoring equipment, to document that the inspection and maintenance required by the work practice standards of § 63.342(f) and Table 1 of § 63.342 have taken place. The record can take the form of a checklist and should identify the device inspected, the date of inspection, a brief description of the working condition of the device during the inspection, and any actions taken to correct deficiencies found during the inspection. (2) Records of all maintenance performed on the affected source, the add-on air pollution control device, and monitoring equipment, except routine housekeeping practices; (3) Records of the occurrence, duration, and cause (if known) of each malfunction of process, add-on air pollution control, and monitoring equipment; (4) Records of actions taken during periods of malfunction to minimize emissions in accordance with § 63.342(a)(1), including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation; (5) Other records, which may take the form of checklists, necessary to demonstrate consistency with the provisions of the operation and maintenance plan required by § 63.342(f)(3); (6) Test reports documenting results of all performance tests; (7) All measurements as may be necessary to determine the conditions of performance tests, including measurements necessary to determine compliance with the special compliance procedures of § 63.344(e); (8) Records of monitoring data required by § 63.343(c) that are used to demonstrate compliance with the standard including the date and time the data are collected; (9) The specific identification (i.e., the date and time of commencement and completion) of each period of excess emissions, as indicated by monitoring data, that occurs during malfunction of the process, add-on air pollution control, or monitoring equipment; (10) The specific identification (i.e., the date and time of commencement and completion) of each

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	period of excess emissions, as indicated by monitoring data, that occurs during periods other than malfunction of the process, add-on air pollution control, or monitoring equipment; (11) The total process operating time of the affected source during the reporting period; (15) Any information demonstrating whether a source is meeting the requirements for a waiver of recordkeeping or reporting requirements, if the source has been granted a waiver under § 63.10(f); and (16) All documentation supporting the notifications and reports required by § 63.9, § 63.10, and § 63.347. (c) All records shall be maintained for a period of 5 years in accordance with § 63.10(b)(1).
C.10	**Emission Unit ID:** 03 **Equipment ID:** CPL1-2, CPL4 **Control Device ID:** CD-CR SCRUB, CD-CPL4 §63.347 Reporting requirements. (a) The owner or operator of each affected source subject to these standards shall fulfill all reporting requirements outlined in this section and in the General Provisions to 40 CFR part 63, according to the applicability of subpart A as identified in Table 1 of this subpart. These reports shall be made to the Administrator at the appropriate address as identified in § 63.13 or to the delegated State authority. (1) Reports required by subpart A of this part and this section may be sent by U.S. mail, fax, or by another courier. (i) Submittals sent by U.S. mail shall be postmarked on or before the specified date. (ii) Submittals sent by other methods shall be received by the Administrator on or before the specified date. (2) If acceptable to both the Administrator and the owner or operator of an affected source, reports may be submitted on electronic media. (b) The reporting requirements of this section apply to the owner or operator of an affected source when such source becomes subject to the provisions of this subpart. (d) *Notification of performance test.* (1) The owner or operator of an affected source shall notify the Administrator in writing of his or her intention to conduct a performance test at least 60 calendar days before the test is scheduled to begin to allow the Administrator to have an observer present during the test. Observation of the performance test by the Administrator is optional. (2) In the event the owner or operator is unable to conduct the performance test as scheduled,

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	the provisions of § 63.7(b)(2) apply. (f) *Reports of performance test results.* (1) If the State in which the source is located has not been delegated the authority to implement the rule, the owner or operator of an affected source shall report to the Administrator the results of any performance test conducted as required by § 63.7 or § 63.343(b). If the State has been delegated the authority, the owner or operator of an affected source should report performance test results to the appropriate authority. (2) Reports of performance test results shall be submitted no later than 90 days following the completion of the performance test and shall be submitted as part of the notification of compliance status required by paragraph (e) of this section. (3) (i) Within 60 days after the date of completing each performance test (defined in § 63.2) as required by this subpart, you must submit the results of the performance tests, including any associated fuel analyses, required by this subpart to the EPA's WebFIRE database by using the Compliance and Emissions Data Reporting Interface (CEDRI) that is accessed through the EPA's Central Data Exchange (CDX) (www.epa.gov/cdx). Performance test data must be submitted in the file format generated through use of the EPA's Electronic Reporting Tool (ERT) (see http://www.epa.gov/ttn/chief/ert/index.html). Only data collected using test methods on the ERT Web site are subject to this requirement for submitting reports electronically to WebFIRE. Owners or operators who claim that some of the information being submitted for performance tests is confidential business information (CBI) must submit a complete ERT file including information claimed to be CBI on a compact disk, flash drive or other commonly used electronic storage media to the EPA. The electronic media must be clearly marked as CBI and mailed to U.S. EPA/OAPQS/CORE CBI Office, Attention: WebFIRE Administrator, MD C404-02, 4930 Old Page Rd., Durham, NC 27703. The same ERT file with the CBI omitted must be submitted to the EPA via CDX as described earlier in this paragraph. At the discretion of the delegated authority, you must also submit these reports, including the confidential business information, to the delegated authority in the format specified by the delegated authority. For any performance test conducted using test methods that are not listed on the ERT Web site, the owner or operator shall submit the results of the performance test to the Administrator at the appropriate address listed in § 63.13. (h) *Ongoing compliance status reports for area sources.* The requirements of this paragraph do not alleviate affected area sources from complying with the requirements of State or Federal operating permit programs under 40 CFR part 71. (1) The owner or operator of an affected source that is located at an area source site shall prepare a summary report to document the ongoing compliance status of the affected source. The report shall contain the information identified in paragraph (g)(3) of this section, shall be completed annually and retained on site, and made available to the Administrator

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	upon request. The report shall be completed annually except as provided in paragraph (h)(2) of this section. (2) *Reports of exceedances.* (i) If either of the following conditions is met, semiannual reports shall be prepared and submitted to the Administrator: (A) The total duration of excess emissions (as indicated by the monitoring data collected by the owner or operator of the affected source in accordance with § 63.343(c)) is 1 percent or greater of the total operating time for the reporting period; or (B) The total duration of malfunctions of the add-on air pollution control device and monitoring equipment is 5 percent or greater of the total operating time. (ii) Once an owner or operator of an affected source reports an exceedance as defined in paragraph (h)(2)(i) of this section, ongoing compliance status reports shall be submitted semiannually until a request to reduce reporting frequency under paragraph (h)(3) of this section is approved. (iii) The Administrator may determine on a case-by-case basis that the summary report shall be completed more frequently and submitted, or that the annual report shall be submitted instead of being retained on site, if these measures are necessary to accurately assess the compliance status of the source.
C.11	**Emission Unit ID:** 03 **Equipment ID:** CPL1-2, CPL4 **Control Device ID:** CD-CR SCRUB, CD-CPL4 §63.348 Implementation and enforcement. (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 implementation and enforcement of this subpart is delegated to a State, local, or Tribal agency. (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. (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. (1) Approval of alternatives to the requirements in §§ 63.340, 63.342(a) through (e) and (g), and 63.343(a).

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	(2) Approval of major alternatives to test methods under § 63.7(e)(2)(ii) and (f), as defined in § 63.90, and as required in this subpart. (3) Approval of major alternatives to monitoring under § 63.8(f), as defined in § 63.90, and as required in this subpart. (4) Approval of major alternatives to recordkeeping and reporting under § 63.10(f), as defined in § 63.90, and as required in this subpart.
C.12	**Emission Unit ID:** 01 **Equipment ID:** BR5-2013, BR6 **Control Device ID:** None 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 JJJJJJ Industrial, Commercial, and Institutional Boilers Area Sources. 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.
C.13	**Emission Unit ID:** 01 **Equipment ID:** BR5-2013, BR6 **Control Device ID:** None §63.11193 Am I subject to this subpart? You are subject to this subpart if you own or operate an industrial, commercial, or institutional boiler as defined in § 63.11237 that is located at, or is part of, an area source of hazardous air pollutants (HAP), as defined in § 63.2, except as specified in § 63.11195.
C.14	**Emission Unit ID:** 01 **Equipment ID:** BR5-2013, BR6 **Control Device ID:** None §63.11194 What is the affected source of this subpart? (a) This subpart applies to each new, reconstructed, or existing affected source as defined in paragraphs (a)(1) and (2) of this section. (1) The affected source of this subpart is the collection of all existing industrial, commercial, and institutional boilers within a subcategory, as listed in § 63.11200 and defined in § 63.11237, located at an area source. (2) The affected source of this subpart is each new or reconstructed industrial, commercial, or institutional boiler within a subcategory, as listed in § 63.11200 and as defined in § 63.11237, located at an area source. (b) An affected source is an existing source if you commenced construction or reconstruction of the

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	affected source on or before June 4, 2010. (c) An affected source is a new source if you commenced construction of the affected source after June 4, 2010, and the boiler meets the applicability criteria at the time you commence construction.
C.15	**Emission Unit ID:** 01 **Equipment ID:** BR5-2013, BR6 **Control Device ID:** None §63.11196 What are my compliance dates?? (a) If you own or operate an existing affected boiler, you must achieve compliance with the applicable provisions in this subpart as specified in paragraphs (a)(1) through (3) of this section. (1) If the existing affected boiler is subject to a work practice or management practice standard of a tune-up, you must achieve compliance with the work practice or management practice standard no later than March 21, 2014. (c) If you start up a new affected source after May 20, 2011, you must achieve compliance with the provisions of this subpart upon startup of your affected source.
C.16	**Emission Unit ID:** 01 **Equipment ID:** BR5-2013, BR6 **Control Device ID:** None §63.11200 What are the subcategories of boilers? The subcategories of boilers, as defined in § 63.11237 are: (c) Oil.
C.17	**Emission Unit ID:** 01 **Equipment ID:** BR5-2013, BR6 **Control Device ID:** None §63.11201 What standards must I meet? (a) You must comply with each emission limit specified in Table 1 to this subpart that applies to your boiler. (b) You must comply with each work practice standard, emission reduction measure, and management practice specified in Table 2 to this subpart that applies to your boiler. An energy assessment completed on or after January 1, 2008 that meets or is amended to meet the energy assessment requirements in Table 2 to this subpart satisfies the energy assessment requirement. A facility that operates under an energy management program established through energy management systems compatible with ISO 50001, that includes the affected units, also satisfies the energy assessment requirement. (d) These standards apply at all times the affected boiler is operating, except during periods of

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startup and shutdown as defined in § 63.11237, during which time you must comply only with Table 2 to this subpart.

Table 1 to Subpart JJJJJJ of Part 63—Emission Limits

As stated in §63.11201, you must comply with the following applicable emission limits:

If your boiler is in this subcategory…	For the following pollutants…	You must achieve less than or equal to the following emission limits, except during periods of startup and shutdown…
5. New oil-fired boilers with heat input capacity of 10 MMBtu/hr or greater that do not meet the definition of seasonal boiler or limited-use boiler	PM (Filterable)	3.0E-02 lb per MMBtu of heat input

Table 2 to Subpart JJJJJJ of Part 63—Work Practice Standards, Emission Reduction Measures, and Management Practices

As stated in § 63.11201, you must comply with the following applicable work practice standards, emission reduction measures, and management practices:

If your boiler is in this subcategory…	You must meet the following…
1. Existing or new coal-fired, new biomass-fired, or new oil-fired boilers (units with heat input capacity of 10 MMBtu/hr or greater)	Minimize the boiler's startup and shutdown periods and conduct startups and shutdowns according to the manufacturer's recommended procedures. If manufacturer's recommended procedures are not available, you must follow recommended procedures for a unit of similar design for which manufacturer's recommended procedures are available.
4. Existing oil-fired boilers with heat input capacity greater than 5 MMBtu/hr that do not meet the definition of seasonal boiler or limited-use boiler, or use an oxygen trim system that maintains an optimum air-to-fuel ratio	Conduct an initial tune-up as specified in § 63.11214 and conduct a tune-up of the boiler biennially as specified in § 63.11223.

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	5. New oil-fired boilers with heat input capacity greater than 5 MMBtu/hr that do not meet the definition of seasonal boiler or limited-use boiler, or use an oxygen trim system that maintains an optimum air-to-fuel ratio	Conduct a tune-up of the boiler biennially as specified in § 63.11223.
C.18	**Emission Unit ID:** 01 **Equipment ID:** BR5-2013, BR6 **Control Device ID:** None §63.11205 What are my general requirements for complying with this subpart? (a) At all times you must operate and maintain any affected source, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. The general duty to minimize emissions does not require you to make any further efforts to reduce emissions if levels required by this standard have been achieved. 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 to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source.	
C.19	**Emission Unit ID:** 01 **Equipment ID:** BR5-2013, BR6 **Control Device ID:** None §63.11210 What are my initial compliance requirements and by what date must I conduct them? (c) For existing affected boilers that have applicable work practice standards, management practices, or emission reduction measures, you must demonstrate initial compliance no later than the compliance date that is specified in § 63.11196 and according to the applicable provisions in § 63.7(a)(2), except as provided in paragraph (j) of this section. (f) For new or reconstructed boilers that combust only ultra-low-sulfur liquid fuel as defined in § 63.11237, you are not subject to the PM emission limit in Table 1 of this subpart providing you monitor and record on a monthly basis the type of fuel combusted. If you intend to burn a fuel other than ultra-low-sulfur liquid fuel or gaseous fuels as defined in § 63.11237, you must conduct a performance test within 60 days of burning the new fuel. (g) For new or reconstructed affected boilers that have applicable work practice standards or	

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	management practices, you are not required to complete an initial performance tune-up, but you are required to complete the applicable biennial or 5-year tune-up as specified in § 63.11223 no later than 25 months or 61 months, respectively, after the initial startup of the new or reconstructed affected source. (i) For affected boilers that switch fuels or make a physical change to the boiler that results in the applicability of a different subcategory within subpart JJJJJJ or the boiler becoming subject to subpart JJJJJJ, you must demonstrate compliance within 180 days of the effective date of the fuel switch or the physical change. Notification of such changes must be submitted according to § 63.11225(g).
C.20	**Emission Unit ID:** 01 **Equipment ID:** BR5-2013, BR6 **Control Device ID:** None §63.11214 How do I demonstrate initial compliance with the work practice standard, emission reduction measures, and management practice? (b) If you own or operate an existing or new biomass-fired boiler or an existing or new oil-fired boiler, you must conduct a performance tune-up according to § 63.11210(c) or (g), as applicable, and § 63.11223(b). If you own or operate an existing biomass-fired boiler or existing oil-fired boiler, you must submit a signed statement in the Notification of Compliance Status report that indicates that you conducted an initial tune-up of the boiler.
C.21	**Emission Unit ID:** 01 **Equipment ID:** BR5-2013, BR6 **Control Device ID:** None §63.11223 How do I demonstrate continuous compliance with the work practice and management practice standards? (a) For affected sources subject to the work practice standard or the management practices of a tune-up, you must conduct a performance tune-up according to paragraph (b) of this section and keep records as required in § 63.11225(c) to demonstrate continuous compliance. You must conduct the tune-up while burning the type of fuel (or fuels in the case of boilers that routinely burn two types of fuels at the same time) that provided the majority of the heat input to the boiler over the 12 months prior to the tune-up. (b) Except as specified in paragraphs (c) through (f) of this section, you must conduct a tune-up of the boiler biennially to demonstrate continuous compliance as specified in paragraphs (b)(1) through (7) of this section. Each biennial tune-up must be conducted no more than 25 months after the previous tune-up. For a new or reconstructed boiler, the first biennial tune-up must be no later than 25 months after the initial startup of the new or reconstructed boiler. (1) As applicable, inspect the burner, and clean or replace any components of the burner as necessary (you may delay the burner inspection until the next scheduled unit shutdown, not

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	to exceed 36 months from the previous inspection). Units that produce electricity for sale may delay the burner inspection until the first outage, not to exceed 36 months from the previous inspection. (2) 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. (3) 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, not to exceed 36 months from the previous inspection). Units that produce electricity for sale may delay the inspection until the first outage, not to exceed 36 months from the previous inspection. (4) Optimize total emissions of CO. This optimization should be consistent with the manufacturer's specifications, if available, and with any nitrogen oxide requirement to which the unit is subject. (5) 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. (6) Maintain on-site and submit, if requested by the Administrator, a report containing the information in paragraphs (b)(6)(i) through (iii) of this section. (i) 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 operating load, before and after the tune-up of the boiler. (ii) A description of any corrective actions taken as a part of the tune-up of the boiler. (iii) The type and amount of fuel used over the 12 months prior to the tune-up of the boiler, 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 use by each unit. (7) If the unit is not operating on the required date for a tune-up, the tune-up must be conducted within 30 days of startup.
C.22	**Emission Unit ID:** 01 **Equipment ID:** BR5-2013, BR6 **Control Device ID:** None §63.11225 What are my notification, reporting, and recordkeeping requirements? (a) You must submit the notifications specified in paragraphs (a)(1) through (5) of this section to the administrator. (1) You must submit all of the notifications in §§ 63.7(b); 63.8(e) and (f); and 63.9(b) through (e),

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	(g), and (h) that apply to you by the dates specified in those sections except as specified in paragraphs (a)(2) and (4) of this section. (2) An Initial Notification must be submitted no later than January 20, 2014 or within 120 days after the source becomes subject to the standard. (b) You must prepare, by March 1 of each year, and submit to the delegated authority upon request, an annual compliance certification report for the previous calendar year containing the information specified in paragraphs (b)(1) through (4) of this section. You must submit the report by March 15 if you had any instance described by paragraph (b)(3) of this section. For boilers that are subject only to the energy assessment requirement and/or a requirement to conduct a biennial or 5-year tune-up according to § 63.11223(a) and not subject to emission limits or operating limits, you may prepare only a biennial or 5-year compliance report as specified in paragraphs (b)(1) and (2) of this section. (1) Company name and address. (2) Statement by a responsible official, with the official's name, title, phone number, email address, and signature, certifying the truth, accuracy and completeness of the notification and a statement of whether the source has complied with all the relevant standards and other requirements of this subpart. Your notification must include the following certification(s) of compliance, as applicable, and signed by a responsible official: (i) "This facility complies with the requirements in § 63.11223 to conduct a biennial or 5-year tune-up, as applicable, of each boiler." (4) The total fuel use by each affected boiler subject to an emission limit, for each calendar month within the reporting period, including, but not limited to, a description of the fuel, whether the fuel has received a non-waste determination by you or EPA through a petition process to be a non-waste under § 241.3(c), whether the fuel(s) were processed from discarded non-hazardous secondary materials within the meaning of § 241.3, and the total fuel usage amount with units of measure. (c) You must maintain the records specified in paragraphs (c)(1) through (7) of this section. (1) As required in § 63.10(b)(2)(xiv), you must keep a copy of each notification and report that you submitted to comply with this subpart and all documentation supporting any Initial Notification or Notification of Compliance Status that you submitted. (2) You must keep records to document conformance with the work practices, emission reduction measures, and management practices required by § 63.11214 and § 63.11223 as specified in paragraphs (c)(2)(i) through (vi) of this section. (i) Records must identify each boiler, the date of tune-up, the procedures followed for tune-up, and the manufacturer's specifications to which the boiler was tuned. (iv) For each boiler subject to an emission limit in Table 1 to this subpart, you must keep records of monthly fuel use by each boiler, including the type(s) of fuel and amount(s)

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	used. For each new oil-fired boiler that meets the requirements of § 63.11210(e) or (f), you must keep records, on a monthly basis, of the type of fuel combusted. (4) Records of the occurrence and duration of each malfunction of the boiler, or of the associated air pollution control and monitoring equipment. (5) Records of actions taken during periods of malfunction to minimize emissions in accordance with the general duty to minimize emissions in § 63.11205(a), including corrective actions to restore the malfunctioning boiler, air pollution control, or monitoring equipment to its normal or usual manner of operation. (d) Your records must be in a form suitable and readily available for expeditious review. You must keep each record for 5 years following the date of each recorded action. You must keep each record on-site or be accessible from a central location by computer or other means that instantly provide access at the site for at least 2 years after the date of each recorded action. You may keep the records off site for the remaining 3 years. (f) If you intend to commence or recommence combustion of solid waste, you must provide 30 days prior notice of the date upon which you will commence or recommence combustion of solid waste. The notification must identify: (1) The name of the owner or operator of the affected source, the location of the source, the boiler(s) that will commence burning solid waste, and the date of the notice. (2) The currently applicable subcategory under this subpart. (3) The date on which you became subject to the currently applicable emission limits. (4) The date upon which you will commence combusting solid waste. (g) If you have switched fuels or made a physical change to the boiler and the fuel switch or change resulted in the applicability of a different subcategory within this subpart, in the boiler becoming subject to this subpart, or in the boiler switching out of this subpart due to a fuel change that results in the boiler meeting the definition of gas-fired boiler, as defined in § 63.11237, or you have taken a permit limit that resulted in you becoming subject to this subpart or no longer being subject to this subpart, you must provide notice of the date upon which you switched fuels, made the physical change, or took a permit limit within 30 days of the change. The notification must identify: (1) The name of the owner or operator of the affected source, the location of the source, the boiler(s) that have switched fuels, were physically changed, or took a permit limit, and the date of the notice. (2) The date upon which the fuel switch, physical change, or permit limit occurred.
C.23	**Emission Unit ID:** 01 **Equipment ID:** BR5-2013, BR6 **Control Device ID:** None

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	§63.11235 What parts of the General Provisions apply to me? Table 8 to this subpart shows which parts of the General Provisions in §§ 63.1 through 63.15 apply to you.
C.24	**Emission Unit ID:** 01 **Equipment ID:** BR5-2013, BR6 **Control Device ID:** None §63.11236 Who implements and enforces this subpart? (a) This subpart can be implemented and enforced by 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 has the authority to implement and enforce this subpart. You should contact your EPA Regional Office to find out if implementation and enforcement of this subpart is delegated to your state, local, or tribal agency. (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 contained in paragraphs (c) of this section are retained by the EPA Administrator and are not transferred to the state, local, or tribal agency. (c) The authorities that cannot be delegated to state, local, or tribal agencies are specified in paragraphs (c)(1) through (5) of this section. (5) Approval of major change to recordkeeping and reporting under § 63.10(f). A "major change to recordkeeping/reporting" is defined in § 63.90.

D. GENERAL FACILITY WIDE	
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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

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	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	(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: 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), 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

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	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 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 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	(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

E. GENERAL RECORD KEEPING AND REPORTING	
Condition Number	**Conditions**
	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: 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. The initial twenty-four (24) hour notification should be made to the Department's local Regional Office. The written report should be sent to the Department.
E.7	(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: 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 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. GENERAL RECORD KEEPING AND REPORTING	
Condition Number	**Conditions**
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. PERMIT FLEXIBILITY	
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.
F.2	The following activities shall be allowed, without a construction permit, or without revising or reopening the operating permit unless otherwise specified by S.C. Regulation 61-62.70 or any other State or Federal requirement. The activity will not result in emissions that will exceed any limit in this permit or the facility's potential to emit; the activity itself is not considered a modification under 40 CFR Part 60, 61 or 63 and compliance with South Carolina Regulation 61-62.5 Standards 2 (Ambient Air Quality Standards), 7 (PSD) and 8 (Toxic Air Pollutants) is not affected. 40CFR63 (MACT) related activities are not covered under this permitting flexibility condition. As part of this permit flexibility procedure the facility shall keep an on-site implementation log (OSIL) to document all changes made under the procedure. The OSIL shall provide detailed contemporaneous information supporting the changes made under this procedure. The OSIL shall be readily available to the Bureau and submitted semiannually to the Department. If no changes to the OSIL occurred during the reporting period, then a letter shall indicate such. The owner or operator must cease implementation of any modification if it is found to be inconsistent with the permit flexibility conditions and may also be subject to possible enforcement action(s). The owner or operator assumes the risk of any financial loss resulting from implementing the modification(s). Implementation of the modification(s) may be resumed upon receipt of written approval. 1. Replacement of process equipment such as reactors, storage tanks, etc. with equipment identical in capacity, dimensions, and characteristics or with equipment that will have the

F. PERMIT FLEXIBILITY	
Condition Number	**Conditions**
	same or lower emissions. 2. Manufacture of new products in existing equipment. 3. Changes in product formulation in existing equipment. 4. Additions of new raw material, and changes in raw material usage or formulation including paints and other coatings that do not necessitate construction or modification to existing equipment. 5. Addition of control devices for the purpose of hygiene, safety, or other non-creditable decreases in emissions. 6. Any activity exempted in South Carolina Regulation 61-62.1 Sections II. 7. Re-routing of stacks or any change in stack parameters (i.e. stack height, orientation, diameter, removal or addition of rain caps). 8. Changes in the sequence of process operations. 9. Change in the method of raw material addition. 10. Change in the method of product packaging. 11. The operational changes in the physical dimensions, layout, configuration of equipment, arrangement or locations of process equipment to accommodate production needs as long as it does not affect air emissions or impact modeled stack parameters. 12. Changes in the supplier of raw materials, fuels, or paints and other coatings, as long as there are no changes in formulation. 13. Change in operating parameters as long as they do not quantitatively affect air emissions or impact modeled stack parameters. 14. Temporary discontinuation of use of equipment, including but not limited to dip tanks, holding tanks, mix tanks, solvent tanks, and piping, as long as the period of discontinuation does not exceed 12 months. The following information shall be recorded and maintained in the OSIL for any of the activities described above on the date the activity is commenced at the facility: i. A brief description of the modification(s) and how it relates to the above pre-approved changes including any flow diagrams, equipment identification, etc. that help clarify the proposed changes. ii. The date the modification(s) will occur. iii. Identification of what equipment/emissions units the modification(s) will affect. (Include Operating Permit unit identification, equipment identification, stack identification, etc.) iv. The schedule for the implementation of the modification(s). v. An applicability determination showing the proposed physical or operational change will not be a modification under 40CFR60, 40CFR61, or 40CFR63. An applicability determination showing the proposed physical or operational change will not cause the facility or activity to be subject to South Carolina Regulation 61-62.5, Standard 7. If the facility is major for PSD and there is any increase in a regulated NSR pollutant, an actual-to-projected-actual applicability test or actual-to-potential test must be performed and documented. The baseline actual emissions, projected actual emissions, and potential emissions used in these

F. PERMIT FLEXIBILITY	
Condition Number	**Conditions**
	tests must include fugitive emissions. A review of recent project activity at the facility must be made and the emissions from multiple projects that are interrelated must be aggregated. If the difference between the baseline actual and projected actual and/or potential equals or exceeds 50 percent of the applicable NSR significant level, the activity will require a construction permit. The facility shall maintain records of the actual to projected actual or potential emission details as well as the aggregation review and determination and include as part of the OSIL submittal. vi. Emissions calculations for all regulated air pollutants resulting from the activity and demonstration that when added to the existing emissions all permit limits will be met. This should include the increase and the facility-wide PTE emissions totals from the modification(s). An applicability determination showing the proposed physical or operational change will not change the previous air dispersion modeling for the facility, in accordance with South Carolina 61-62.5, Standards 2, 7 and/or 8. Any changes in the parameters used in the air dispersion modeling may require a review by the Department 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.

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 permit issuance, unless the permit has been appropriately modified to reflect such new requirements. 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

G. PERMIT SHIELD	
Condition Number	**Conditions**
	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).

Permit Shield Exceptions
S.C. Regulation 61-62.1 Air Pollution Control Regulations and Standards - Definitions and General Requirements
S.C. Regulation 61-62.1, Section II(E) Synthetic Minor Construction Permits
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 61-62.60 South Carolina Designated Facility Plan and New Source Performance Standards
S.C. Regulation 61-62.61 National Emission Standards for Hazardous Air Pollutants (NESHAP)
S.C. Regulation 61-62.63 National Emission Standards for Hazardous Air Pollutants (NESHAP) for Source Categories
40 CFR 61 Subpart A General Provisions
40 CFR 61 Subpart M Asbestos
40 CFR 75 - Continuous Emissions Monitoring
40 CFR 76 - Acid Rain Nitrogen Oxides Emission Reduction Program
40 CFR 96 - NOX Budget Trading Program and CAIR NOX and SO2 Trading Programs for State Implementation Plans
40 CFR 97 - Federal NOX Budget Trading Program, CAIR NOX and SO2 Trading Programs, CSAPR NOX and SO2 Trading Programs, and Texas SO2 Trading Program

H. AMBIENT AIR STANDARDS	
Condition Number	**Conditions**
H.1	(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. The owner or operator shall maintain this facility at or below the emission rates used in the most

H. AMBIENT AIR STANDARDS

Condition Number	Conditions
	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.

I. COMPLIANCE SCHEDULE – RESERVED

Applicable and Non-Applicable Federal and State Regulations

Robert Bosch LLC
TV-0900-0020 v2.0

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 61-62.1, Section II(G) Conditional Major Operating Permits	No
S.C. Regulation 61-62.1, Section II(E) Synthetic Minor Construction Permits	No
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. 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	Yes
S.C. Regulation 61-62.60 South Carolina Designated Facility Plan and New Source Performance Standards	Yes
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

State Air Pollution Control Regulations and Standards	
Regulation Citation	**Applicable?**
S.C. Regulation 61-62.70 Title V Operating Permit Program	Yes
S.C. Regulation 61-62.72 Acid Rain	No
S.C. Regulation 61-62.96 Nitrogen Oxides (NOX) Budget Program	No
S.C. Regulation 61-62.97 Cross State Air Pollution Rule (CSAPR) Trading Program	No
S.C. Regulation 61-62.99 Nitrogen Oxides (NOx) Budget Trading Program Requirements for Stationary Sources Not in the Trading Program	No

40 CR 60	
Regulation Citation	**Applicable?**
40 CFR 60 Subpart EE Surface Coating of Metal Furniture	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 F Portland Cement Plants	No
40 CFR 60 Subpart FFF Flexible Vinyl and Urethane Coating and Printing	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 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 GG Stationary Gas Turbines	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 CR 60	
Regulation Citation	**Applicable?**
40 CFR 60 Subpart H Sulfuric Acid Plants	No
40 CFR 60 Subpart HH Lime Manufacturing Plants	No
40 CFR 60 Subpart HHH Synthetic Fiber Production Facilities	No
40 CFR 60 Subpart I Hot Mix Asphalt Plants	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 IIII Stationary Compression Ignition Internal Combustion Engines	Yes
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 JJJ Petroleum Dry Cleaners	No
40 CFR 60 Subpart JJJJ Stationary Spark Ignition Internal Combustion Engines	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 KK Lead-Acid Battery Manufacturing Plants	No
40 CFR 60 Subpart KKa Lead Acid Battery Manufacturing Plants for Which Construction, Modification or Reconstruction Commenced After February 23, 2022	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 KKKK Stationary Combustion Turbines	No

40 CR 60	
Regulation Citation	**Applicable?**
40 CFR 60 Subpart L Secondary Lead Smelters	No
40 CFR 60 Subpart La Secondary Lead Smelters for Which Construction, Reconstruction, or Modification Commenced After December 1, 2022	No
40 CFR 60 Subpart LL Metallic Mineral Processing Plants	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 LLLL New Sewage Sludge Incineration Units	No
40 CFR 60 Subpart M Secondary Brass and Bronze Production Plants	No
40 CFR 60 Subpart MM Automobile and Light-Duty Truck Surface Coating Operations	No
40 CFR 60 Subpart MMa Automobile and Light Duty Truck Surface Coating Operations for which Construction, Modification or Reconstruction Commenced After May 18, 2022	No
40 CFR 60 Subpart MMMM Emission Guidelines and Compliance Times for Existing Sewage Sludge Incineration Units	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 NN Phosphate Rock Plants	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 O Sewage Treatment Plants	No
40 CFR 60 Subpart OOO Nonmetallic Mineral Processing Plants	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 CR 60	
Regulation Citation	**Applicable?**
40 CFR 60 Subpart P Primary Copper Smelters	No
40 CFR 60 Subpart PP Ammonium Sulfate Manufacture	No
40 CFR 60 Subpart PPP Wool Fiberglass Insulation Manufacturing Plants	No
40 CFR 60 Subpart Q Primary Zinc Smelters	No
40 CFR 60 Subpart QQ Graphic Arts Industry: Publication Rotogravure Printing	No
40 CFR 60 Subpart QQQ VOC Emissions from Petroleum Refinery Wastewater Systems	No
40 CFR 60 Subpart QQQQ New Residential Hydronic Heaters and Forced-Air Furnaces	No
40 CFR 60 Subpart R Primary Lead Smelters	No
40 CFR 60 Subpart RR Pressure Sensitive Tape and Label Surface Coating Operations	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 S Primary Aluminum Reduction Plants	No
40 CFR 60 Subpart SS Industrial Surface Coating: Large Appliances	No
40 CFR 60 Subpart SSS Magnetic Tape Coating Facilities	No
40 CFR 60 Subpart T Phosphate Fertilizer Industry: Wet- Process Phosphoric Acid Plants	No
40 CFR 60 Subpart TT Metal Coil Surface Coating	No
40 CFR 60 Subpart TTT Industrial Surface Coating: Surface Coating of Plastic Parts for Business Machines	No
40 CFR 60 Subpart TTTT Greenhouse Gas Emissions for Electric Generating Units	No
40 CFR 60 Subpart U Phosphate Fertilizer Industry: Superphosphoric Acid Plants	No

40 CR 60	
Regulation Citation	**Applicable?**
40 CFR 60 Subpart UU Asphalt Processing and Asphalt Roofing Manufacture	No
40 CFR 60 Subpart UUU Calciners and Dryers in Mineral Industries	No
40 CFR 60 Subpart UUUUa Emission Guidelines for Greenhouse Gas Emissions from Existing Electric Utility Generating Units	No
40 CFR 60 Subpart V Phosphate Fertilizer Industry: Diammonium Phosphate Plants	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 VVV Polymeric Coating of Supporting Substrates Facilities	No
40 CFR 60 Subpart W Phosphate Fertilizer Industry: Triple Superphosphoric Plants	No
40 CFR 60 Subpart WW Beverage Can Surface Coating Industry	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 X Phosphate Fertilizer Industry: Granular Triple Superphosphate Storage Facilities	No
40 CFR 60 Subpart XX Bulk Gasoline Terminals	No
40 CFR 60 Subpart XXX Municipal Solid Waste Landfills That Commenced Construction, Reconstruction, or Modification After July 17, 2014	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 A General Provisions	Yes
40 CFR 60 Subpart AA Steel Plants: Electric Arc Furnaces Constructed After October 21, 1974 and on or Before August 17, 1983	No

40 CR 60	
Regulation Citation	**Applicable?**
40 CFR 60 Subpart AAA New Residential Wood Heaters	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 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 AAb Steel Plants: Electric Arc Furnaces and Argon-Oxygen Decarbonization Vessels Constructed After May 16, 2022	No
40 CFR 60 Subpart BB Kraft Pulp Mills	No
40 CFR 60 Subpart BBa Kraft Pulp Mill Affected Sources for which Construction, Reconstruction, or Modification Commenced after May 23, 2013	No
40 CFR 60 Subpart BBB Rubber Tire Manufacturing Industry	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 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 CC Glass Manufacturing Plants	No
40 CFR 60 Subpart CCCC Commercial and Industrial Solid Waste Units	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 Cf Emission Guidelines and Compliance Times for Municipal Solid Waste Landfills	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 CR 60	
Regulation Citation	**Applicable?**
40 CFR 60 Subpart Dc Small Industrial-Commercial-Institutional Steam Generating Units	Yes
40 CFR 60 Subpart DD Grain Elevators	No
40 CFR 60 Subpart DDD Volatile Organic Compounds (VOC) Emissions from the Polymer Manufacturing Industry	No
40 CFR 60 Subpart DDDD Emissions Guidelines and Compliance Times for Commercial and Industrial Solid Waste Incineration 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 CR 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 B Underground Uranium Mines	No
40 CFR 61 Subpart BB Benzene Emissions from Benzene Transfer Operations	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 CR 61	
Regulation Citation	**Applicable?**
40 CFR 61 Subpart FF Benzene Waste Operations	No
40 CFR 61 Subpart H Radionuclides Other Than Radon from Department of Energy Facilities	No
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 CR 63	
Regulation Citation	**Applicable?**
40 CFR 63 Subpart QQ Surface Impoundments	No
40 CFR 63 Subpart QQQ Primary Copper Smelting	No
40 CFR 63 Subpart QQQQ Surface Coating of Wood Building Products	No
40 CFR 63 Subpart QQQQQ Friction Materials Manufacturing Facilities	No
40 CFR 63 Subpart QQQQQQ Wood Preserving Area Sources	No
40 CFR 63 Subpart R Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations)	No
40 CFR 63 Subpart RR Individual Drain Systems	No
40 CFR 63 Subpart RRR Secondary Aluminum Production	No
40 CFR 63 Subpart RRRRR Taconite Iron Ore Processing	No
40 CFR 63 Subpart RRRRRR Clay Ceramics Manufacturing Area Sources	No
40 CFR 63 Subpart S The Pulp and Paper Industry	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 SSSS Surface Coating of Metal Coil	No
40 CFR 63 Subpart SSSSS Refractory Products Manufacturing	No
40 CFR 63 Subpart SSSSSS Glass Manufacturing Area Sources	No
40 CFR 63 Subpart T Halogenated Solvent Cleaning	No
40 CFR 63 Subpart TT Equipment Leaks—Control Level 1	No
40 CFR 63 Subpart TTT Primary Lead Smelting	No

40 CR 63	
Regulation Citation	**Applicable?**
40 CFR 63 Subpart TTTT Leather Finishing Operations	No
40 CFR 63 Subpart TTTTTT Secondary Nonferrous Metals Processing Area Sources	No
40 CFR 63 Subpart U Group I Polymers and Resins	No
40 CFR 63 Subpart UU Equipment Leaks--Control Level 2 Standards	No
40 CFR 63 Subpart UUU Petroleum Refineries: Catalytic Cracking Units, Catalytic Reforming Units, and Sulfur Recovery Units	No
40 CFR 63 Subpart UUUU Cellulose Products Manufacturing	No
40 CFR 63 Subpart UUUUU Coal- and Oil-Fired Electric Utility Steam Generating Units	No
40 CFR 63 Subpart VV Oil-Water Separators and Organic-Water Separators	No
40 CFR 63 Subpart VVV Publicly Owned Treatment Works	No
40 CFR 63 Subpart VVVV Boat Manufacturing	No
40 CFR 63 Subpart VVVVVV Chemical Manufacturing Area Sources	No
40 CFR 63 Subpart W Epoxy Resins Production and Non-Nylon Polyamides Production	No
40 CFR 63 Subpart WW Storage Vessels (Tanks)—Control Level 2	No
40 CFR 63 Subpart WWWW Reinforced Plastic Composites Production	No
40 CFR 63 Subpart WWWWW Hospital Ethylene Oxide Sterilizers	No
40 CFR 63 Subpart WWWWWW Area Source Standards for Plating and Polishing Operations	No
40 CFR 63 Subpart X Secondary Lead Smelting	No
40 CFR 63 Subpart XX Ethylene Manufacturing Process Units: Heat Exchange Systems and Waste Operations	No

40 CR 63	
Regulation Citation	**Applicable?**
40 CFR 63 Subpart XXX Ferroalloys Production: Ferromanganese and Silicomanganese	No
40 CFR 63 Subpart XXXX Rubber Tire Manufacturing	No
40 CFR 63 Subpart XXXXXX Area Source Standards for Nine Metal Fabrication and Finishing Source Categories	No
40 CFR 63 Subpart Y Marine Tank Vessel Loading Operations	No
40 CFR 63 Subpart YY Generic Maximum Achievable Control Technology Standards	No
40 CFR 63 Subpart YYYY Stationary Combustion Turbines	No
40 CFR 63 Subpart YYYYY Area Sources: Electric Arc Furnace Steelmaking Facilities	No
40 CFR 63 Subpart YYYYYY Area Sources: Ferroalloys Production Facilities	No
40 CFR 63 Subpart ZZZZ Stationary Reciprocating Internal Combustion Engines	Yes
40 CFR 63 Subpart ZZZZZ Iron and Steel Foundries Area Sources	No
40 CFR 63 Subpart ZZZZZZ Area Source Standards for Aluminum, Copper, And Other Nonferrous Foundries	No
40 CFR 63 Subpart EEEEE Iron and Steel Foundries	No
40 CFR 63 Subpart GGGGGG Primary Nonferrous Metals Area Sources--Zinc, Cadmium, And Beryllium	No
40 CFR 63 Subpart TTTTT Primary Magnesium Refining	No
40 CFR 63 Subpart A General Provisions	Yes
40 CFR 63 Subpart AA Phosphoric Acid Manufacturing Plants	No
40 CFR 63 Subpart AAAA Municipal Solid Waste Landfills	No
40 CFR 63 Subpart AAAAA Lime Manufacturing Plants	No

40 CR 63	
Regulation Citation	**Applicable?**
40 CFR 63 Subpart AAAAAAA Area Sources: Asphalt Processing and Asphalt Roofing Manufacturing	No
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 BB Phosphate Fertilizers Production Plants	No
40 CFR 63 Subpart BBBBB Semiconductor Manufacturing	No
40 CFR 63 Subpart BBBBBB Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities	No
40 CFR 63 Subpart BBBBBBB Area Sources: Chemical Preparations Industry	No
40 CFR 63 Subpart CC Petroleum Refineries	No
40 CFR 63 Subpart CCC Steel Pickling--HCl Process Facilities and Hydrochloric Acid Regeneration Plants	No
40 CFR 63 Subpart CCCC Manufacturing of Nutritional Yeast	No
40 CFR 63 Subpart CCCCC Coke Ovens: Pushing, Quenching, and Battery Stacks	No
40 CFR 63 Subpart CCCCCC Gasoline Dispensing Facilities	No
40 CFR 63 Subpart CCCCCCC Area Sources: Paints and Allied Products Manufacturing	No
40 CFR 63 Subpart DD Off-site Waste and Recovery Operations	No
40 CFR 63 Subpart DDD Mineral Wool Production	No
40 CFR 63 Subpart DDDD Plywood and Composite Wood Products	No
40 CFR 63 Subpart DDDDD Industrial, Commercial, and Institutional Boilers and Process Heaters	No
40 CFR 63 Subpart DDDDDD Polyvinyl Chloride and Copolymers Production Area Sources	No
40 CFR 63 Subpart DDDDDDD Area Sources: Prepared Feeds Manufacturing	No

40 CR 63	
Regulation Citation	**Applicable?**
40 CFR 63 Subpart EE Magnetic Tape Manufacturing Operations	No
40 CFR 63 Subpart EEE Hazardous Waste Combustors	No
40 CFR 63 Subpart EEEE Organic Liquids Distribution (Non-Gasoline)	No
40 CFR 63 Subpart EEEEEE Primary Copper Smelting Area Sources	No
40 CFR 63 Subpart EEEEEEE Gold Mine Ore Processing and Production Area Source Category	No
40 CFR 63 Subpart F The Synthetic Organic Chemical Manufacturing Industry	No
40 CFR 63 Subpart FFFF Miscellaneous Organic Chemical Manufacturing	No
40 CFR 63 Subpart FFFFF Integrated Iron and Steel Manufacturing Facilities	No
40 CFR 63 Subpart FFFFFF Secondary Copper Smelting Area Sources	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 GG Aerospace Manufacturing and Rework Facilities	No
40 CFR 63 Subpart GGG Pharmaceuticals Production	No
40 CFR 63 Subpart GGGG Solvent Extraction for Vegetable Oil Production	No
40 CFR 63 Subpart GGGGG Site Remediation	No
40 CFR 63 Subpart H Equipment Leaks	No
40 CFR 63 Subpart HH Oil and Natural Gas Production Facilities	No
40 CFR 63 Subpart HHH Natural Gas Transmission and Storage Facilities	No
40 CFR 63 Subpart HHHH Wet-Formed Fiberglass Mat Production	No

40 CR 63	
Regulation Citation	**Applicable?**
40 CFR 63 Subpart HHHHH Miscellaneous Coating Manufacturing	No
40 CFR 63 Subpart HHHHHH Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources	No
40 CFR 63 Subpart HHHHHHH Emissions for Polyvinyl Chloride and Copolymers Production	No
40 CFR 63 Subpart I Certain Processes Subject to the Negotiated Regulation for Equipment Leaks	No
40 CFR 63 Subpart II Shipbuilding and Ship Repair (Surface Coating)	No
40 CFR 63 Subpart III Flexible Polyurethane Foam Production	No
40 CFR 63 Subpart IIII Surface Coating of Automobiles and Light-Duty Trucks	No
40 CFR 63 Subpart IIIII Mercury Emissions from Mercury Cell Chlor-Alkali Plants	No
40 CFR 63 Subpart J Polyvinyl Chloride and Copolymers Production	No
40 CFR 63 Subpart JJ Wood Furniture Manufacturing Operations	No
40 CFR 63 Subpart JJJ Group IV Polymers and Resins	No
40 CFR 63 Subpart JJJJ Paper and Other Web Coating	No
40 CFR 63 Subpart JJJJJ Brick and Structural Clay Products Manufacturing	No
40 CFR 63 Subpart JJJJJJ Industrial, Commercial, And Institutional Boilers Area Sources	Yes
40 CFR 63 Subpart KK The Printing and Publishing Industry	No
40 CFR 63 Subpart KKKK Surface Coating of Metal Cans	No
40 CFR 63 Subpart KKKKK Clay Ceramics Manufacturing	No
40 CFR 63 Subpart L Coke Oven Batteries	No

40 CR 63	
Regulation Citation	**Applicable?**
40 CFR 63 Subpart LL Primary Aluminum Reduction Plants	No
40 CFR 63 Subpart LLL Portland Cement Manufacturing Industry	No
40 CFR 63 Subpart LLLLL Asphalt Processing and Asphalt Roofing Manufacturing	No
40 CFR 63 Subpart LLLLLL Acrylic and Modacrylic Fibers Production Area Sources	No
40 CFR 63 Subpart M Perchloroethylene Air Emission Standards for Dry Cleaning Facilities	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 MMM Pesticide Active Ingredient Production	No
40 CFR 63 Subpart MMMMM Flexible Polyurethane Foam Fabrication Operations	No
40 CFR 63 Subpart MMMM Surface Coating of Miscellaneous Metal Parts and Products	No
40 CFR 63 Subpart MMMMMM Carbon Black Production Area Sources	No
40 CFR 63 Subpart N Chromium Emissions from Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks	Yes
40 CFR 63 Subpart NN Wool Fiberglass Manufacturing at Area Sources	No
40 CFR 63 Subpart NNN Wool Fiberglass Manufacturing	No
40 CFR 63 Subpart NNNN Surface Coating of Large Appliances	No
40 CFR 63 Subpart NNNNN Hydrochloric Acid Production	No
40 CFR 63 Subpart NNNNNN Chemical Manufacturing Area Sources: Chromium Compounds	No
40 CFR 63 Subpart O Ethylene Oxide Emissions Standards for Sterilization Facilities	No
40 CFR 63 Subpart OO Tanks - Level 1	No

40 CR 63	
Regulation Citation	**Applicable?**
40 CFR 63 Subpart OOO Manufacture of Amino/Phenolic Resins	No
40 CFR 63 Subpart OOOO Printing, Coating, and Dyeing of Fabrics and Other Textiles	No
40 CFR 63 Subpart OOOOOO Flexible Polyurethane Foam Production and Fabrication Area Sources	No
40 CFR 63 Subpart PP Containers	No
40 CFR 63 Subpart PPP Polyester Polyols Production	No
40 CFR 63 Subpart PPPP Surface Coating of Plastic Parts and Products	No
40 CFR 63 Subpart PPPPP Engine Test Cells/Stands	No
40 CFR 63 Subpart PPPPPP Lead Acid Battery Manufacturing Area Sources	No
40 CFR 63 Subpart Q Industrial Process Cooling Towers	No

Other Federal Air Pollution Control Regulations and Standards	
Regulation Citation	**Applicable?**
40 CFR 64 CAM - Compliance Assurance Monitoring	No
40 CFR 72 - Permits Regulation	No
40 CFR 73 - Sulfur Dioxide Allowance System	No
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 96 - NOX Budget Trading Program and CAIR NOX and SO2 Trading Programs for State Implementation Plans	No

Other Federal Air Pollution Control Regulations and Standards	
Regulation Citation	**Applicable?**
40 CFR 97 - Federal NOX Budget Trading Program, CAIR NOX and SO2 Trading Programs, CSAPR NOX and SO2 Trading Programs, and Texas SO2 Trading Program	No