

PERMIT TO INSTALL

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Common Abbreviations / Acronyms

Common Acronyms		Pollutant / Measurement Abbreviations	
AQD	Air Quality Division	BTU	British Thermal Unit
BACT	Best Available Control Technology	°C	Degrees Celsius
CAA	Clean Air Act	CO	Carbon Monoxide
CEM	Continuous Emission Monitoring	dscf	Dry standard cubic foot
CFR	Code of Federal Regulations	dscm	Dry standard cubic meter
CO ₂ e	Carbon Dioxide Equivalent	°F	Degrees Fahrenheit
COM	Continuous Opacity Monitoring	gr	Grains
EPA	Environmental Protection Agency	Hg	Mercury
EU	Emission Unit	hr	Hour
FG	Flexible Group	H ₂ S	Hydrogen Sulfide
GACS	Gallon of Applied Coating Solids	hp	Horsepower
GC	General Condition	lb	Pound
GHGs	Greenhouse Gases	kW	Kilowatt
HAP	Hazardous Air Pollutant	m	Meter
HVLP	High Volume Low Pressure *	mg	Milligram
ID	Identification	mm	Millimeter
LAER	Lowest Achievable Emission Rate	MM	Million
MACT	Maximum Achievable Control Technology	MW	Megawatts
MAERS	Michigan Air Emissions Reporting System	ng	Nanogram
MAP	Malfunction Abatement Plan	NO _x	Oxides of Nitrogen
MDEQ	Michigan Department of Environmental Quality (Department)	PM	Particulate Matter
MSDS	Material Safety Data Sheet	PM10	PM with aerodynamic diameter ≤10 microns
NESHAP	National Emission Standard for Hazardous Air Pollutants	PM2.5	PM with aerodynamic diameter ≤ 2.5 microns
NSPS	New Source Performance Standards	pph	Pounds per hour
NSR	New Source Review	ppm	Parts per million
PS	Performance Specification	ppmv	Parts per million by volume
PSD	Prevention of Significant Deterioration	ppmw	Parts per million by weight
PTE	Permanent Total Enclosure	psia	Pounds per square inch absolute
PTI	Permit to Install	psig	Pounds per square inch gauge
RACT	Reasonably Available Control Technology	scf	Standard cubic feet
ROP	Renewable Operating Permit	sec	Seconds
SC	Special Condition	SO ₂	Sulfur Dioxide
SCR	Selective Catalytic Reduction	THC	Total Hydrocarbons
SRN	State Registration Number	tpy	Tons per year
TAC	Toxic Air Contaminant	µg	Microgram
TEQ	Toxicity Equivalence Quotient	VOC	Volatile Organic Compound
VE	Visible Emissions	yr	Year

* For High Volume Low Pressure (HVLP) applicators, the pressure measured at the HVLP gun air cap shall not exceed ten (10) pounds per square inch gauge (psig).

GENERAL CONDITIONS

1. The process or process equipment covered by this permit shall not be reconstructed, relocated, or modified, unless a Permit to Install authorizing such action is issued by the Department, except to the extent such action is exempt from the Permit to Install requirements by any applicable rule. **(R 336.1201(1))**
2. If the installation, construction, reconstruction, relocation, or modification of the equipment for which this permit has been approved has not commenced within 18 months, or has been interrupted for 18 months, this permit shall become void unless otherwise authorized by the Department. Furthermore, the permittee or the designated authorized agent shall notify the Department via the Supervisor, Permit Section, Air Quality Division, Michigan Department of Environmental Quality, P.O. Box 30260, Lansing, Michigan 48909-7760, if it is decided not to pursue the installation, construction, reconstruction, relocation, or modification of the equipment allowed by this Permit to Install. **(R 336.1201(4))**
3. If this Permit to Install is issued for a process or process equipment located at a stationary source that is not subject to the Renewable Operating Permit program requirements pursuant to R 336.1210, operation of the process or process equipment is allowed by this permit if the equipment performs in accordance with the terms and conditions of this Permit to Install. **(R 336.1201(6)(b))**
4. The Department may, after notice and opportunity for a hearing, revoke this Permit to Install if evidence indicates the process or process equipment is not performing in accordance with the terms and conditions of this permit or is violating the Department's rules or the Clean Air Act. **(R 336.1201(8), Section 5510 of Act 451, PA 1994)**
5. The terms and conditions of this Permit to Install shall apply to any person or legal entity that now or hereafter owns or operates the process or process equipment at the location authorized by this Permit to Install. If the new owner or operator submits a written request to the Department pursuant to R 336.1219 and the Department approves the request, this permit will be amended to reflect the change of ownership or operational control. The request must include all of the information required by subrules (1)(a), (b), and (c) of R 336.1219 and shall be sent to the District Supervisor, Air Quality Division, Michigan Department of Environmental Quality. **(R 336.1219)**
6. Operation of this equipment shall not result in the emission of an air contaminant which causes injurious effects to human health or safety, animal life, plant life of significant economic value, or property, or which causes unreasonable interference with the comfortable enjoyment of life and property. **(R 336.1901)**
7. The permittee shall provide notice of an abnormal condition, start-up, shutdown, or malfunction that results in emissions of a hazardous or toxic air pollutant which continue for more than one hour in excess of any applicable standard or limitation, or emissions of any air contaminant continuing for more than two hours in excess of an applicable standard or limitation, as required in Rule 912, to the Department. The notice shall be provided not later than two business days after start-up, shutdown, or discovery of the abnormal condition or malfunction. Written reports, if required, must be filed with the Department within 10 days after the start-up or shutdown occurred, within 10 days after the abnormal conditions or malfunction has been corrected, or within 30 days of discovery of the abnormal condition or malfunction, whichever is first. The written reports shall include all of the information required in Rule 912(5). **(R 336.1912)**
8. Approval of this permit does not exempt the permittee from complying with any future applicable requirements which may be promulgated under Part 55 of 1994 PA 451, as amended or the Federal Clean Air Act.
9. Approval of this permit does not obviate the necessity of obtaining such permits or approvals from other units of government as required by law.
10. Operation of this equipment may be subject to other requirements of Part 55 of 1994 PA 451, as amended and the rules promulgated thereunder.

11. Except as provided in subrules (2) and (3) or unless the special conditions of the Permit to Install include an alternate opacity limit established pursuant to subrule (4) of R 336.1301, the permittee shall not cause or permit to be discharged into the outer air from a process or process equipment a visible emission of density greater than the most stringent of the following. The grading of visible emissions shall be determined in accordance with R 336.1303. **(R 336.1301)**
 - a. A six-minute average of 20 percent opacity, except for one six-minute average per hour of not more than 27 percent opacity.
 - b. A visible emission limit specified by an applicable federal new source performance standard.
 - c. A visible emission limit specified as a condition of this Permit to Install.

12. Collected air contaminants shall be removed as necessary to maintain the equipment at the required operating efficiency. The collection and disposal of air contaminants shall be performed in a manner so as to minimize the introduction of contaminants to the outer air. Transport of collected air contaminants in Priority I and II areas requires the use of material handling methods specified in R 336.1370(2). **(R 336.1370)**

13. The Department may require the permittee to conduct acceptable performance tests, at the permittee's expense, in accordance with R 336.2001 and R 336.2003, under any of the conditions listed in R 336.2001. **(R 336.2001)**

SPECIAL CONDITIONS

EMISSION UNIT SUMMARY TABLE

The descriptions provided below are for informational purposes and do not constitute enforceable conditions.

Emission Unit ID	Emission Unit Description (Process Equipment & Control Devices)	Installation Date / Modification Date	Flexible Group ID
EU-BOILER#16	No. 16 Boiler, tangentially fired boiler, 52.5 MW nameplate capacity, with dry wire Electrostatic precipitators and sulfur conditioning system. Emissions are vented to the ambient air through stack SV0006.	01-01-1948 / 03-15-1991 / 01-27-2012	FG-BLR_16-19, FG-BLR_9&16-19, FG-RPS
EU- BOILER#17	No. 17 Boiler, tangentially fired boiler, 52.5 MW nameplate capacity, with dry wire Electrostatic precipitators and sulfur conditioning system. Emissions are vented to the ambient air through stack SV0006.	01-01-1948 / 03-15-1991 / 01-27-2012	FG-BLR_16-19, FG-BLR_9&16-19, FG-RPS
EU- BOILER#18	No. 18 Boiler, tangentially fired boiler, 52.5 MW nameplate capacity, with dry wire Electrostatic precipitators and sulfur conditioning system. Emissions are vented to the ambient air through stack SV0006.	01-01-1948 / 03-15-1991 / 01-27-2012	FG-BLR_16-19, FG-BLR_9&16-19, FG-RPS
EU- BOILER#19	No. 19 Boiler, tangentially fired boiler, 52.5 MW nameplate capacity, with dry wire Electrostatic precipitators and sulfur conditioning system. Emissions are vented to the ambient air through stack SV0006.	01-01-1948 / 03-15-1991 / 01-27-2012	FG-BLR_16-19, FG-BLR_9&16-19, FG-RPS
EU-BOILER9A	Boiler No. 9A, tangentially fired boiler, 520 MW nameplate capacity, with dry wire Electrostatic precipitators and Low-NOx burners. Emissions are vented to the ambient air through stack SV0007.	01-01-1965 / 11-21-2000 / 01-27-2012	FG-BLR_9&16-19, FG-RPS
Changes to the equipment described in this table are subject to the requirements of R 336.1201, except as allowed by R 336.1278 to R 336.1290.			

FLEXIBLE GROUP SUMMARY TABLE

The descriptions provided below are for informational purposes and do not constitute enforceable conditions.

Flexible Group ID	Flexible Group Description	Associated Emission Unit IDs
FG-BLR_9&16-19	Boilers 9A and Boilers 16 through 19.	EU-BOILER#16, EU-BOILER#17, EU-BOILER#18, EU-BOILER #19, EU-BOILER9A
FG-RPS	Boilers that burn recovered paint solids (RPS) - one or more of the boilers of FG-BLR_9&16-19	EU-BOILER#16, EU-BOILER#17, EU-BOILER#18, EU-BOILER #19, EU-BOILER9A

The following conditions apply to: FG-BLR 9&16-19

DESCRIPTION: Boilers 9A and Boilers 16 through 19.

Emission Units: EU-BOILER#16, EU-BOILER#17, EU-BOILER#18, EU-BOILER#19, EU-BOILER9A

POLLUTION CONTROL EQUIPMENT: Low NOx Burners (on Boiler 9A only), emissions are vented to the ambient air through stack SV0007. Sulfur Conditioning System (on Boilers 16-19 only) and Electrostatic Precipitators, emissions are vented to the ambient air through stack SV0006.

I. EMISSION LIMITS

Permittee shall comply with the following emission limits through December 31, 2016:

Pollutant	Limit	Time Period/ Operating Scenario	Equipment	Monitoring/ Testing Method	Underlying Applicable Requirements
1. SO ₂	151.36 tpd	Calendar Day	FG-BLR_9&16-19	SC VI.1, SC VI.3	R336.1201(3)
2. SO ₂	55246.4 tpy	Calendar Year	FG-BLR_9&16-19	SC VI.1, SC VI.3	R336.1201(3)
3. PM	0.19 pounds per 1000 pounds exhaust gases on a wet basis, corrected to 50% excess air.	Test Protocol	EU-BOILER#16, EU-BOILER#17, EU-BOILER#18, EU-BOILER#19	SC V.I	R336.1331
4. PM	0.15 pounds per 1000 pounds exhaust gases on a wet basis, corrected to 50% excess air.	Test Protocol	Boiler 9A	SC V.I	R336.1331

Permittee shall comply with the following emission limits on and after January 1, 2017:

Pollutant	Limit	Time Period/ Operating Scenario	Equipment	Monitoring/ Testing Method	Underlying Applicable Requirements
1. SO ₂	151.36 tpd	Calendar Day	FG-BLR_9&16-19	SC VI.1, SC VI.3	R336.1201(3)
2. SO ₂	30,388.4 tpy	12-month rolling time period as determined at the end of each month	FG-BLR_9&16-19	SC VI.1, SC VI.3	R 336.2804, 40 CFR 52.21(d), Section 110 CAA
3. SO ₂	6,938 pph	720-clock hour rolling average, as determined at the end of each calendar day	FG-BLR_9&16-19	SC VI.1, SC VI.3	R 336.2804, 40 CFR 52.21(d), Section 110 CAA
4. PM	0.19 pounds per 1000 pounds exhaust gases on a wet basis, corrected to 50% excess air.	Test Protocol	EU-BOILER#16, EU-BOILER#17, EU-BOILER#18, EU-BOILER#19	SC V.I	R336.1331
5. PM	0.15 pounds per 1000 pounds exhaust gases on a wet basis, corrected to 50% excess air.	Test Protocol	Boiler 9A	SC V.I	R336.1331

II. MATERIAL LIMITS

1. The sulfur content of the coal as fired to each boiler FG-BLR_9&16-19 shall not exceed 0.83 pound per million BTU's heat input, based on a monthly average. The permittee shall demonstrate compliance with this limit using either continuous emission monitors (CEM) and associated data acquisition and handling system (DAHS) or based on the sulfur content and heat content in the coal. **(R336.1201(3), R 336.1401, Michigan State Implementation Plan)**
2. The sulfur content of the distillate oil (No. 2 fuel oil) as fired in the boilers shall not exceed 0.3 percent by weight. **(R 336.1401, Michigan State Implementation Plan)**

III. PROCESS/OPERATIONAL RESTRICTION

1. Permittee shall only burn coal, distillate fuel oil (No. 2 fuel oil), or recovered paint solids in the pressure boilers FG-BLR_9&16-19. **(R 336.1201(3))**
2. Boiler 9A shall be operated with low NOx burners installed and operated properly. **(40 CFR Part 52.21(b)(2)(iii)(h), R 336.1910)**
3. FG-BLR_9&16-19 shall be operated with the electrostatic precipitators (ESP) installed and operating properly to insure that the stack emissions meet the applicable emission limits. **(R336.1301, R336.1331, R336.1910)**
4. Permittee shall maintain and implement a Malfunction Abatement Plan for Boiler 9A. This Plan will address the Low NOx Burners and the Electrostatic Precipitator. In addition, this Plan will also address abnormal conditions, startup/shutdown, malfunctions and excess emissions. **(R 336.1911)**

IV. DESIGN/EQUIPMENT PARAMETER

1. The permittee shall not operate the ESP unless each is equipped with a saturable core reactor, silicon-controlled rectifier linear reactor, or equivalent type automatic control system. **(R 336.1910)**
2. Each transformer-rectifier set of the ESP shall be capable of operating at the optimum spark-limited mode and shall meter and display the primary RMS voltage and amperage, the average secondary amperage, and the average spark rate. The requirements to meter and display average spark rate shall not apply if the automatic controller employs solid state circuitry to preset power levels based on sparking rate limits. **(R 336.1910)**

V. TESTING/SAMPLING

Records shall be maintained on file for a period of five years. **(R 336.1201(3))**

1. Once during the term of the ROP [ROP No. 199600204], the permittee shall verify the particulate matter emission rate from FG-BLR_9&16-19 by testing at the owner's expense, in accordance with Department requirements. Stack testing procedures and the location of the stack testing ports shall be in accordance with federal EPA Method 5 or other AQD approved test method. No less than 30 days prior to testing, a complete test plan shall be submitted to the AQD. The AQD must approve the final plan prior to testing. Verification of emission rates includes the submittal of a complete report of the test results to the AQD within 60 days following the last date of the test. **(R 336.1201(3))**

VI. MONITORING/RECORDKEEPING

Records shall be maintained on file for a period of five years. **(R 336.1201(3))**

1. Permittee shall monitor and record the sulfur dioxide, nitrogen oxide, stack gas flow, carbon dioxide, and opacity on a continuous basis in a manner and with instrumentation acceptable to the Air Quality Division and according to the monitoring requirements in 40 CFR Part 75. **(40 CFR 75)**
2. The permittee shall maintain a complete record of fuel oil specifications and/or fuel analysis for each delivery, or storage tank, of fuel oil. These records may include purchase records for ASTM specification fuel oil, specifications or analysis specified by the vendor at the time of delivery, analytical results from laboratory testing, or any other records pre-approved by the District Supervisor to demonstrate compliance with the percent sulfur limit in fuel oil. **(Michigan State Implementation Plan)**
3. For compliance with condition No. II.1, the permittee shall keep records of the sulfur content, amount, and type of coal as it is fired in the high-pressure boilers FG-BLR_9&16-19 in lieu of Part 75, quality-assured data to calculate the calendar month average (tons/month) and the calendar year average (tons/year) Sulfur Dioxide mass emissions. All such records shall be maintained for a period of at least five years following the date of such records and made available to the Division upon request. **(R 336.1401, R 336.1201(3), Michigan State Implementation Plan)**
4. The permittee shall implement and maintain a quality assurance and quality control program as described in 40 CFR Part 75 for the continuous monitoring devices installed. **(40 CFR Part 75, R 336.1401(1), 40 CFR Part 52.21(d), Michigan State Implementation Plan, R 336.2804, Section 110 CAA)**
5. On and after January 1, 2017, EU-BOILER9A, the company shall monitor and record SO₂ emissions and exhaust gas flow on a continuous basis following the monitoring requirements in 40 CFR Part 75. The continuous emission monitoring system (CEMS) for SO₂, specified in 40 CFR Part 75, shall be used for compliance demonstrations with the SO₂ emission limitations in subdivision (a) during each calendar day in which the SO₂ CEMS collects at least one quality-assured monitor operating hour, as defined in 40 CFR Part 72.2. When a SO₂ CEMS collects at least one hour but less than twenty-four hours of quality-assured data, resulting in between one and twenty-three hours, inclusive, within the calendar day in which the SO₂ CEMS is not operating or operating "out-of-control" as defined in 40 CFR Part 72.2, the company shall implement the procedure in Subpart D of 40 CFR Part 75 to calculate SO₂ emissions for hours in which quality-assured data was not collected. When a SO₂ CEMS fails to collect at least one quality-assured monitor operating hour within a calendar day, the company shall determine the SO₂ emission rate for each hour without quality-assured CEMS data by collecting at least one sample during the calendar day to determine the heat content and sulfur content of the coal combusted within the emission unit and by determining the amount of coal combusted in the emission unit during the calendar day, using methods acceptable to the department. **(R 336.2804, 40 CFR 52.21(d), Section 110 CAA)**

VII. REPORTING

1. Permittee shall submit to the District Supervisor of the Air Quality Division, within 30 days of the end of the calendar quarter, a written report for each calendar quarter which shall include days of operation and sulfur dioxide daily emission rate averages. **(R336.1401, R 336.1201(3))**
2. For the continuous monitoring system for the measurement of opacity, The permittee shall submit to the District Supervisor and Technical Programs Unit Supervisor, Air Quality Division, within 30 days of the end of the calendar quarter, a written report for each calendar quarter which shall include all of the following information:
 - a. Excess emissions, corrective action taken and the nature and cause of excess emissions, if know, as follows: For opacity measurements, the report shall consist of the magnitude, in actual percent opacity, of all 6-minute averages of opacity more than the applicable opacity standard for each hour of operation (all allowable exceptions are to be deducted prior to determining the excess averages of opacity). Average values shall be obtained by integration over the averaging period or by arithmetically averaging a minimum of 24 equally spaced, instantaneous opacity measurements per 6 minutes.

- b. The date and time identifying each period during which the continuous monitoring system was inoperative, except for zero and span checks, and the nature of repairs or adjustments made.
 - c. If the monitoring system has not been inoperative, repaired, or adjusted, and if no excess emissions occurred, a statement attesting to this fact. **(R 336.1201(3), R336.2170(1); Title 1 (Air Pollution Prevention and Control) of the Clean Air Act, Section 114(a), R 336.1201(3))**
3. Starting with the first calendar quarter of 2017 and every quarter thereafter, as described in 40 CFR 60.7(c) and (d), the permittee shall submit two copies of an excess emission report and summary report in an acceptable format to the department within 30 days following the end of each calendar quarter. The summary report shall follow the format of Figure 1 in 40 CFR 60.7(d). The excess emission report shall include the following information:
- a. A report of each exceedance above the SO₂ limitations. This includes the date, time, magnitude, cause and corrective actions for all occurrences during the reporting period.
 - b. A report of all periods of continuous emission monitoring system downtime, any downtime sampling and analysis completed, and corrective action.
 - c. A report of any periods that any component of the continuous emission monitoring system exceeds the instrument range.
 - d. If no exceedances or continuous emission monitoring system downtime occurred during the reporting period, the company shall report that fact.
- (R 336.2804, 40 CFR 52.21(d), Section 110 CAA)**

VIII. STACK/VENT RESTRICTIONS

The exhaust gases from the stacks listed in the table below shall be discharged unobstructed vertically upwards to the ambient air unless otherwise noted:

Stack & Vent ID	Maximum Exhaust Dimensions (inches)	Minimum Height Above Ground (feet)	Underlying Applicable Requirements
1.SV0006	174	559	40 CFR Part 52.21 Subparts (c) and (d)
2. SV0007	192	561.5	40 CFR Part 52.21 Subparts (c) and (d)

IX. OTHER REQUIREMENTS

1. The permittee shall comply with the acid rain permitting provisions of 40 CFR Part 72.1 to 72.94 as outlined in a complete Phase II Acid Rain permit issued by the AQD. The Phase II Acid Rain Permit is incorporated into ROP No. 199600204 as Appendix 9. **(R 336.1299)**
2. The permittee shall not allow the emission of an air pollutant to exceed the amount of any emission allowances that an affected source lawfully holds as of the allowance transfer deadline pursuant to R 336.1299 and 40 CFR Part 72.9(c)(1)(i). **(R 336.1201(3))**
3. The permittee shall comply with the CAIR SO₂ Trading Program provisions of 40 CFR Part 97.201 through 97.288, as adopted and modified by R 336.1420, and as outlined in any complete CAIR SO₂ Permit No. MI-SO₂-1745-2009 issued by the AQD. **(R 336.1821)**
4. The permittee shall hold allowances for compliance deductions in the source's compliance account as of the allowance transfer deadline in an amount not less than the total SO₂ emissions for the control period from the source pursuant to 40 CFR Part 97.254. **(40 CFR Part 97.254)**

5. The permittee shall comply with the CAIR NO_x Annual Trading Program provisions of 40 CFR Part 97.101 through 97.188m as adopted and modified by R336.1802a, R336.1821, and R336.1830 through R336.1834, and as outlined in any complete CAIR NO_x Annual Permit No. MI-NOA-1745-2009 issued by the AQD. **(R 336.1821)**
6. Permittee shall comply with a NO_x Budget Trading permitting provisions of 40 CFR Part 96.1 to 96.88 as outlined in any complete NO_x Budget Trading permit issued by the AQD. **(R 336.1802)**
7. The permittee shall hold allowances for compliance deductions in the source's compliance account as of the allowance transfer deadline in an amount not less than the total NO_x emissions for the control period from the source pursuant to 40 CFR Part 97.154. **(40 CFR Part 97.154)**
8. Permittee shall hold NO_x allowances available for compliance deductions under 40 CFR Part 96.54 in the unit's compliance account and the source's overdraft account in an amount not less than the total NO_x emissions for the control period from the unit. **(R 336.1805, 40 CFR Part 96.6(c))**
9. The permittee shall comply with the CAIR NO_x Ozone Trading Program provisions of 40 CFR Part 97.301 through 97.388, as adopted and modified by R 336.1802a, R336.1803, and R336.1821 through R336.1826, and as outlined in any complete CAIR NO_x Ozone Permit No. MI-NOO-1745-2009 issued by the AQD. **(R336.1821)**
10. The permittee shall hold allowances for compliance deductions in the source's compliance account as of the allowance transfer deadline in an amount not less than the total NO_x emissions for the control period from the source pursuant to 40 CFR Part 97.354. **(40 CFR Part 97.354)**
11. The permittee shall properly maintain the monitoring systems, including maintaining necessary parts for routine repairs of monitoring equipment. **(40 CFR Part 64.7(b))**
12. The permittee shall comply with all applicable provisions of the National Emissions Standards for Hazardous Air Pollutants as set forth in 40 CFR Part 63 Subparts A and UUUUU for FG-BLR_9&16-19. All records shall be kept on file for a period of at least five years and made available to the AQD upon request. **(40 CFR 63 Subparts A and UUUUU)**

Footnotes:

¹This condition is state only enforceable and was established pursuant to Rule 201(1)(b).

The following conditions apply to: FG-RPS

DESCRIPTION: Recovered paint solids (RPS) as part of the fuel burned in one or more boilers listed as the high pressure units Boilers 16-19, and Boiler9A. There are no equipment changes to accommodate the RPS.

Emission Units: EU-BOILER#16, EU-BOILER#17, EU-BOILER#18, EU-BOILER#19, EU-BOILER9A

POLLUTION CONTROL EQUIPMENT: No additional requirements

I. EMISSION LIMITS

NA

II. MATERIAL LIMITS

Material	Limit	Time Period / Operating Scenario	Equipment	Testing / Monitoring Method	Underlying Applicable Requirements
1. Recovered paint solids (RPS) burned	60 tons per day	Calendar day	FG-RPS	SC VI.3	R 336.1205(1)(a)(ii)
2. RPS burned	10,000 tons per year	12-month rolling time period as determined at the end of each calendar month	FG-RPS	SC VI.4	R 336.1205(1)(a)(ii)

III. PROCESS/OPERATIONAL RESTRICTIONS

NA

IV. DESIGN/EQUIPMENT PARAMETERS

NA

V. TESTING/SAMPLING

Records shall be maintained on file for a period of five years. (R 336.1201(3))

NA

VI. MONITORING/RECORDKEEPING

Records shall be maintained on file for a period of five years. (R 336.1201(3))

1. The permittee shall keep the following records for each calendar day that FG-RPS is operated:
 - a. Tons of coal burned in FG-RPS
 - b. Tons of RPS burned in FG-RPS(R 336.1205(1)(a)(ii))

2. The permittee shall keep the following records for each calendar month that FG-RPS is operated and for the 12-month rolling time period ending that month:
 - a. Tons of coal burned in FG-RPS
 - b. Tons of RPS burned in FG-RPS**(R 336.1205(1)(a)(ii))**

VII. REPORTING

1. The permittee shall maintain a fuel monitoring plan to measure the amount of recovered paint solids fed into any of the affected emission units (EU-BOILER#16, EU-Boiler#17, EU-Boiler#18, EU-Boiler#19, EU-BOILER9A) in a manner acceptable and approved by the District Supervisor, AQD. **(R 336.1205(3))**

VIII. STACK/VENT RESTRICTIONS

The exhaust gases from the stacks listed in the table below shall be discharged unobstructed vertically upwards to the ambient air unless otherwise noted:

Stack & Vent ID	Maximum Exhaust Dimensions (inches)	Minimum Height Above Ground (feet)	Underlying Applicable Requirements
1.SV0006	174	559	40 CFR Part 52.21 Subparts (c) and (d)
2. SV0007	192	561.5	40 CFR Part 52.21 Subparts (c) and (d)

IX. OTHER REQUIREMENTS

NA

Footnotes:

¹This condition is state only enforceable and was established pursuant to Rule 201(1)(b).