



South Coast Air Quality Management District
21865 Copley Drive, Diamond Bar, CA 91765-4178

Title Page
Facility ID: 800327
Revision #: 14
Date: December 16, 2025

FACILITY PERMIT TO OPERATE

GLENDALE CITY, GLENDALE WATER & POWER
800 AIR WAY
GLENDALE, CA 91201

NOTICE

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR A COPY THEREOF MUST BE KEPT AT THE LOCATION FOR WHICH IT IS ISSUED.

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT SHALL NOT BE CONSTRUED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF ANY OTHER FEDERAL, STATE OR LOCAL GOVERNMENTAL AGENCIES.

Wayne Nastri
Executive Officer

By Jason Aspell for
Jason Aspell
Deputy Executive Officer
Engineering and Permitting



FACILITY PERMIT TO OPERATE GLENDALE CITY, GLENDALE WATER & POWER

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 2: GAS TURBINE GENERATORS					
System 1: TURBINES					
GAS TURBINE, #9, NATURAL GAS, GENERAL ELECTRIC, MODEL LM6000 SPRINT, WITH WATER INJECTION, 470 MMBTU/HR WITH A/N: 641481	D58	C60		CO: 6 PPMV (4) [RULE 1303(a) (1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]; CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 2.5 PPMV (4) [RULE 1135, 7-19-1991; RULE 1135, 10-4-2024; RULE 1303(a) (1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]; NOX: 108 PPMV NATURAL GAS (8A) [40CFR 60 Subpart GG, 2-27-2014]; PM: 0.01 GRAINS/SCF (5B) [RULE 475, 10-8-1976; RULE 475, 8-7-1978]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]; PM: 11 LBS/HR (5A) [RULE 475, 10-8-1976; RULE 475, 8-7-1978]; SO2: (8B) [40CFR 72 - Acid Rain Provisions, 11-24-1997]; SOX: 150 PPMV (8A) [40CFR 60 Subpart GG, 2-27-2014]; VOC: 2 PPMV (4) [RULE 1303(a)(1) -BACT, 5-10-1996; RULE 1303(a) (1)-BACT, 12-6-2002]	A63.4, A99.4, A99.5, A195.4, A195.5, A195.6, A327.2, C1.7, C1.8, D29.4, D82.3, D82.4, E193.2, H23.8, K40.3, K67.6
GENERATOR, 49.6 MW					
CO OXIDATION CATALYST, DELTAK A/N: 641480	C60	D58 C61			

* (1) (1A) (1B) Denotes RECLAIM emission factor (2) (2A) (2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
 (5) (5A) (5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



FACILITY PERMIT TO OPERATE GLENDALE CITY, GLENDALE WATER & POWER

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 6: IC Engine Generators					

- * (1) (1A) (1B) Denotes RECLAIM emission factor
 - (3) Denotes RECLAIM concentration limit
 - (5) (5A) (5B) Denotes command and control emission limit
 - (7) Denotes NSR applicability limit
 - (9) See App B for Emission Limits
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 6: IC Engine Generators					
INTERNAL COMBUSTION ENGINE, NON-EMERGENCY, #11, LEAN BURN, 4-STROKE, NATURAL GAS, WARTSILA, MODEL 18V50SG, 161.6 MMBTU WITH A/N: 621976 Permit to Construct Issued: 04/18/24	D103	C105		CO: 0.2 LBS/NET MWH NATURAL GAS (5) [RULE 1110.2, 11-3-2023]; CO: 11.2 PPMV NATURAL GAS (4) [RULE 1703(a)(2) - PSD-BACT, 10-7-1988]; CO: 270 PPMV NATURAL GAS (8) [40CFR 60 Subpart J.J.J.J, 1-24-2023]; H2S: 5 PPMV NATURAL GAS (5) [RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]; NOX: 0.07 LBS/NET MWH NATURAL GAS (5) [RULE 1110.2, 11-3-2023]; NOX: 2.4 PPMV NATURAL GAS (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]; NOX: 82 PPMV NATURAL GAS (8) [40CFR 60 Subpart J.J.J.J, 1-24-2023]; VOC: 0.1 LBS/NET MWH NATURAL GAS (5) [RULE 1110.2, 11-3-2023]; VOC: 9.8 PPMV NATURAL GAS (4) [RULE 1303(a)-BACT, 5-10-1996; RULE 1303(a)-BACT, 12-6-2002]; VOC: 60 PPMV NATURAL GAS (8) [40CFR 60 Subpart J.J.J.J, 1-24-2023]	A63.7, A99.6, A99.7, A99.8, A195.12, A195.13, A195.14, C1.12, C1.13, C1.14, D12.10, D12.11, D29.9, D82.7, D82.8, E193.9, E193.10, K40.5, K67.10
GENERATOR, 18.8 MW					

* (1) (1A) (1B) Denotes RECLAIM emission factor (2) (2A) (2B) Denotes RECLAIM emission rate
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 6: IC Engine Generators					
STACK, UNIT 11, HEIGHT: 80 FT ; DIAMETER: 5 FT 3 IN					
CO OXIDATION CATALYST, CATALYST VOL: 150 CU. FT, UMICORE, CORMETECH OR EQUIVALENT, PALLADIUM, PLATINUM OR EQUIVALENT, 98 CATALYST MODULES, EACH AT 0.466 M (L) X 0.466 M (W) X 0.13 M (H) A/N: 621993 Permit to Construct Issued: 04/16/24	C105	D103 C106			
SELECTIVE CATALYTIC REDUCTION, CATALYST VOL: 304 CU.FT., UMICORE, CORMETECH OR EQUIVALENT, VANADIUM OR EQUIV., 147 MODULES, EACH AT 0.466 M (L) X 0.466 M (W) X 0.27 M (H) A/N: 621993 Permit to Construct Issued: 04/16/24	C106	C105		NH3: 5 PPMV NATURAL GAS (4) [RULE 1303(a)(1) -BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]	D12.12, D12.13, D12.14, D29.10

* (1) (1A) (1B) Denotes RECLAIM emission factor (2) (2A) (2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
 (5) (5A) (5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
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Process 6: IC Engine Generators					
INTERNAL COMBUSTION ENGINE, NON-EMERGENCY, #12, LEAN BURN, 4-STROKE, NATURAL GAS, WARTSILA, MODEL 18V50SG, 161.6 MMBTU WITH A/N: 621977 Permit to Construct Issued: 04/18/24	D108	C110		CO: 0.2 LBS/NET MWH NATURAL GAS (5) [RULE 1110.2, 11-3-2023]; CO: 11.2 PPMV NATURAL GAS (4) [RULE 1703(a)(2) - PSD-BACT, 10-7-1988]; CO: 270 PPMV NATURAL GAS (8) [40CFR 60 Subpart JJJJ, 1-24-2023]; H2S: 5 PPMV NATURAL GAS (5) [RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]; NOX: 0.07 LBS/NET MWH NATURAL GAS (5) [RULE 1110.2, 11-3-2023]; NOX: 2.4 PPMV NATURAL GAS (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]; NOX: 82 PPMV NATURAL GAS (8) [40CFR 60 Subpart JJJJ, 1-24-2023]; VOC: 0.1 LBS/NET MWH NATURAL GAS (5) [RULE 1110.2, 11-3-2023]; VOC: 9.8 PPMV NATURAL GAS (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]; VOC: 60 PPMV NATURAL GAS (8) [40CFR 60 Subpart JJJJ, 1-24-2023]	A63.7, A99.6, A99.7, A99.8, A195.12, A195.13, A195.14, C1.12, C1.13, C1.14, D12.10, D12.11, D29.9, D82.7, D82.8, E193.9, E193.10, K40.5, K67.10
GENERATOR, 18.8 MW					

- * (1) (1A) (1B) Denotes RECLAIM emission factor
- (3) Denotes RECLAIM concentration limit
- (5) (5A) (5B) Denotes command and control emission limit
- (7) Denotes NSR applicability limit
- (9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate
- (4) Denotes BACT emission limit
- (6) Denotes air toxic control rule limit
- (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 6: IC Engine Generators					
STACK, #12, HEIGHT: 80 FT ; DIAMETER: 5 FT 3 IN					
CO OXIDATION CATALYST, CATALYST VOL: 150 CU. FT, UMICORE, CORMETECH OR EQUIVALENT, PALLADIUM, PLATINUM OR EQUIVALENT, 98 CATALYST MODULES, EACH AT 0.466 M (L) X 0.466 M (W) X 0.13 M (H) A/N: 621994 Permit to Construct Issued: 04/16/24	C110	D108 C111			
SELECTIVE CATALYTIC REDUCTION, CATALYST VOL: 304 CU.FT., UMICORE, CORMETECH OR EQUIVALENT, VANADIUM OR EQUIV., 147 MODULES, EACH AT 0.466 M (L) X 0.466 M (W) X 0.27 M (H) A/N: 621994 Permit to Construct Issued: 04/16/24	C111	C110		NH3: 5 PPMV NATURAL GAS (4) [RULE 1303(a)(f) -BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]	D12.12, D12.13, D12.14, D29.10

- * (1) (1A) (1B) Denotes RECLAIM emission factor
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Process 6: IC Engine Generators					
INTERNAL COMBUSTION ENGINE, NON-EMERGENCY, #13, LEAN BURN, 4-STROKE, NATURAL GAS, WARTSILA, MODEL 18V50SG, 161.6 MMBTU WITH A/N: 621978 Permit to Construct Issued: 04/18/24	D113	C115		CO: 0.2 LBS/NET MWH NATURAL GAS (5) [RULE 1110.2, 11-3-2023]; CO: 11.2 PPMV NATURAL GAS (4) [RULE 1703(a)(2) - PSD-BACT, 10-7-1988]; CO: 270 PPMV NATURAL GAS (8) [40CFR 60 Subpart JJJJ, 1-24-2023]; H2S: 5 PPMV NATURAL GAS (5) [RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]; NOX: 0.07 LBS/NET MWH NATURAL GAS (5) [RULE 1110.2, 11-3-2023]; NOX: 2.4 PPMV NATURAL GAS (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]; NOX: 82 PPMV NATURAL GAS (8) [40CFR 60 Subpart JJJJ, 1-24-2023]; VOC: 0.1 LBS/NET MWH NATURAL GAS (5) [RULE 1110.2, 11-3-2023]; VOC: 9.8 PPMV NATURAL GAS (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]; VOC: 60 PPMV NATURAL GAS (8) [40CFR 60 Subpart JJJJ, 1-24-2023]	A63.7, A99.6, A99.7, A99.8, A195.12, A195.13, A195.14, C1.12, C1.13, C1.14, D12.10, D12.11, D29.9, D82.7, D82.8, E193.9, E193.10, K40.5, K67.10
GENERATOR, 18.8 MW					

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 6: IC Engine Generators					
STACK, #13, HEIGHT: 80 FT ; DIAMETER: 5 FT 3 IN					
CO OXIDATION CATALYST, CATALYST VOL: 150 CU. FT, UMICORE, CORMETECH OR EQUIVALENT, PALLADIUM, PLATINUM OR EQUIVALENT, 98 CATALYST MODULES, EACH AT 0.466 M (L) X 0.466 M (W) X 0.13 M (H) A/N: 621995 Permit to Construct Issued: 04/16/24	C115	D113 C116			
SELECTIVE CATALYTIC REDUCTION, CATALYST VOL: 304 CU.FT., UMICORE, CORMETECH OR EQUIVALENT, VANADIUM OR EQUIV., 147 MODULES, EACH AT 0.466 M (L) X 0.466 M (W) X 0.27 M (H) A/N: 621995 Permit to Construct Issued: 04/16/24	C116	C115		NH3: 5 PPMV NATURAL GAS (4) [RULE 1303(a)(1) -BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]	D12.12, D12.13, D12.14, D29.10

- * (1) (1A) (1B) Denotes RECLAIM emission factor (2) (2A) (2B) Denotes RECLAIM emission rate
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 (9) See App B for Emission Limits (10) See section J for NESHAP/MACT requirements
- ** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



South Coast Air Quality Management District
21865 Copley Drive, Diamond Bar, CA 91765-4178

Section H	Page: 8
Facility ID:	800327
Revision #:	10
Date:	December 16, 2025

FACILITY PERMIT TO OPERATE GLENDALE CITY, GLENDALE WATER & POWER

SECTION H: DEVICE ID INDEX

**The following sub-section provides an index
to the devices that make up the facility
description sorted by device ID.**



FACILITY PERMIT TO OPERATE GLENDALE CITY, GLENDALE WATER & POWER

SECTION H: DEVICE ID INDEX

Device Index For Section H			
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C106	3	6	0
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C110	5	6	0
C111	5	6	0
D113	7	6	0
C115	7	6	0
C116	7	6	0



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SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

FACILITY CONDITIONS

F9.1 Except for open abrasive blasting operations, the operator shall not discharge into the atmosphere from any single source of emissions whatsoever any air contaminant for a period or periods aggregating more than three minutes in any one hour which is:

(a) As dark or darker in shade as that designated No.1 on the Ringelmann Chart, as published by the United States Bureau of Mines; or

(b) Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in subparagraph (a) of this condition.

[RULE 401, 3-2-1984; RULE 401, 11-9-2001]

F14.1 The operator shall not use liquid fuel containing sulfur compounds in excess of 15 ppm by weight as supplied by the supplier.

[RULE 431.2, 5-4-1990; RULE 431.2, 9-15-2000]

F16.1 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

purchase records of fuel oil and sulfur content of the fuel

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

F18.1 Acid Rain SO2 Allowance Allocation for affected units are as follows:

Device ID	Boiler ID	Contaminant	Tons in any year
1	Grayson Unit No. 4	SO2	87
3	Grayson Unit No. 5	SO2	42



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The operator shall comply with the terms and conditions set forth below:

- a). The allowance allocation(s) shall apply to calendar years 2010 and beyond.
- b). The number of allowances allocated to Phase II affected units by U.S. EPA may change in a 1998 revision to 40CFR73 Tables 2,3, and 4. In addition, the number of allowances actually held by an affected source in a unit account may differ from the number allocated by U.S. EPA. Neither of the aforementioned conditions necessitate a revision to the unit SO₂ allowance allocations identified in this permit (see 40 CFR 72.84)

[40CFR 73 Subpart B, 1-11-1993]

F24.1 Accidental release prevention requirements of Section 112(r)(7):

- a). The operator shall comply with the accidental release prevention requirements pursuant to 40 CFR Part 68 and shall submit to the Executive Officer, as a part of an annual compliance certification, a statement that certifies compliance with all of the requirements of 40 CFR Part 68, including the registration and submission of a risk management plan (RMP).
- b). The operator shall submit any additional relevant information requested by the Executive Officer or designated agency.

[40CFR 68 - Accidental Release Prevention, 1-13-2017]

F67.1 The facility operator shall comply with all terms and conditions specified below.

Continuous operation of monitoring systems not subject to Rule 218 are not required when necessary calibration, maintenance or repair activities are performed in accordance with manufacturer's recommendation. The operator shall take all reasonable actions to minimize the time required to perform such activities. In no event shall any such activities exceed 96 consecutive hours for any one calibration, maintenance, or repair episode.

The operator shall notify the Executive Officer within 24 hours of the start of a calibration, maintenance, or repair activity, if the activity is expected to last more than 24 consecutive hours.



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The operator shall comply with the terms and conditions set forth below:

[RULE 204, 10-8-1993]

DEVICE CONDITIONS

A. Emission Limits

A63.7 The operator shall limit emissions from this equipment as follows:

POLLUTANT	EMISSIONS LIMIT
NOX	Less than or equal to 620 LBS IN ANY ONE MONTH
CO	Less than or equal to 1100 LBS IN ANY ONE MONTH
VOC	Less than or equal to 666 LBS IN ANY ONE MONTH
PM10	Less than or equal to 387 LBS IN ANY ONE MONTH
SOX	Less than or equal to 35 LBS IN ANY ONE MONTH

The operator shall report NOx and CO emissions using certified CEMS.

The operator shall calculate the monthly emissions using the monthly total fuel usage and the following emission factors: VOC: 17.0 lb/mm scf; PM10: 9.88 lb/mm scf; and SOx: 0.89 lb/mm scf.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 1313(g), 12-7-1995]

[Devices subject to this condition : D103, D108, D113]

A99.6 The 2.4 PPM NOX emission limit(s) shall not apply during startup and commissioning periods.

This concentration limit is averaged over 60 minutes, dry at 15% O2.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]



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The operator shall comply with the terms and conditions set forth below:

[Devices subject to this condition : D103, D108, D113]

A99.7 The 11.2 PPM CO emission limit(s) shall not apply during startup and commissioning periods.

This concentration limit is averaged over 60 minutes, dry at 15% O₂.

[RULE 1703(a)(2) - PSD-BACT, 10-7-1988]

[Devices subject to this condition : D103, D108, D113]

A99.8 The 9.8 PPM VOC emission limit(s) shall not apply during startup and commissioning periods.

This concentration limit is averaged over 60 minutes, dry at 15% O₂.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D103, D108, D113]

A195.12 The 0.07 LBS/NET MW-HR NO_X emission limit(s) is averaged over 60 minutes.

This limit does not apply during startup and commissioning periods..

Compliance with this limit shall be demonstrated by dividing the NO_X hourly mass emissions from the NO_X CEMS by the net megawatt-hours generated in the hour.

[RULE 1110.2, 11-3-2023]

[Devices subject to this condition : D103, D108, D113]

A195.13 The 0.20 LBS/NET MW-HR CO emission limit(s) is averaged over 60 minutes.



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The operator shall comply with the terms and conditions set forth below:

This limit does not apply during startup and commissioning periods.

Compliance with this limit shall be demonstrated by dividing the hourly CO mass emissions from the CO CEMS by the net megawatt-hours generated in the hour.

[RULE 1110.2, 11-3-2023]

[Devices subject to this condition : D103, D108, D113]

A195.14 The 0.10 LBS/NET MW-HR VOC emission limit(s) is averaged over 60 minutes.

This limit does not apply during startup and commissioning periods.

[RULE 1110.2, 11-3-2023]

[Devices subject to this condition : D103, D108, D113]

C. Throughput or Operating Parameter Limits

C1.12 The operator shall limit the natural gas fuel usage to no more than 39.25 MM cubic feet in any one calendar month.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 1313(g), 12-7-1995]

[Devices subject to this condition : D103, D108, D113]

C1.13 The operator shall limit the natural gas fuel usage to no more than 197.82 MM cubic feet per year.

[RULE 1303(b)(1)-Modeling, 5-10-1996; RULE 1303(b)(1)-Modeling, 12-6-2002]

[Devices subject to this condition : D103, D108, D113]

C1.14 The operator shall limit the duration of startup to no more than 30 minute(s).



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The operator shall comply with the terms and conditions set forth below:

The operator shall start ammonia injection as soon as the SCR reaches the minimum operating temperature.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D103, D108, D113]

D. Monitoring/Testing Requirements

D12.10 The operator shall install and maintain a(n) non-resettable elapsed time meter to accurately indicate the elapsed operating time of the engine.

The operator shall keep records of engine operation, including startups, as recorded by the engine hour meter.

[RULE 1110.2, 11-3-2023; RULE 1304(c)-Offset Exemption, 6-14-1996; RULE 1304(c)-Offset Exemption, 11-5-2021; 40CFR 60 Subpart JJJJ, 1-24-2023]

[Devices subject to this condition : D103, D108, D113]

D12.11 The operator shall install and maintain a(n) flow meter to accurately indicate the fuel usage of the engine.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 1313(g), 12-7-1995]

[Devices subject to this condition : D103, D108, D113]

D12.12 The operator shall install and maintain a(n) flow meter to accurately indicate the ammonia injection rate being supplied to the SCR.



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The operator shall comply with the terms and conditions set forth below:

The operator shall also install and maintain a device to continuously record the parameter being measured.

The measuring device or gauge shall be accurate to within plus or minus 5 percent. It shall be calibrated once every 12 months.

The ammonia injection rate shall not exceed 220 lb/hr.

[RULE 1303(a)-BACT, 5-10-1996; RULE 1303(a)-BACT, 12-6-2002]

[Devices subject to this condition : C106, C111, C116]

D12.13 The operator shall install and maintain a(n) temperature gauge to accurately indicate the temperature of the exhaust flue gas at the inlet to the SCR reactor.

The operator shall also install and maintain a device to continuously record the parameter being measured.

The measuring device or gauge shall be accurate to within plus or minus 5 percent. It shall be calibrated once every 12 months.

The facility shall operate the equipment and ammonia injection when the temperature is between 650°F and 896 °F.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : C106, C111, C116]

D12.14 The operator shall install and maintain a(n) differential pressure gauge to accurately indicate the differential pressure across the SCR catalyst bed in inches water column.

The operator shall also install and maintain a device to continuously record the parameter being measured.

The measuring device or gauge shall be accurate to within plus or minus 5 percent. It shall be calibrated once every 12 months.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]



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The operator shall comply with the terms and conditions set forth below:

[Devices subject to this condition : C106, C111, C116]

D29.9 The operator shall conduct source test(s) for the pollutant(s) identified below.

Pollutant(s) to be tested	Required Test Method(s)	Averaging Time	Test Location
NOX emissions	District method 100.1	1 hour	Outlet of the SCR serving this equipment
CO emissions	District method 100.1	1 hour	Outlet of the SCR serving this equipment
VOC emissions	Approved District method	District-approved averaging time	Outlet of the SCR serving this equipment
PM10 emissions	Approved District method	District-approved averaging time	Outlet of the SCR serving this equipment
SOX emissions	Approved District method	District-approved averaging time	Fuel Sample



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The operator shall comply with the terms and conditions set forth below:

The test is conducted to demonstrate compliance with the applicable BACT emission concentration limits and Rule 1110.2 emission standards.

The test shall be conducted when this equipment is operating at the maximum achievable load, and at the average load.

The initial source test shall be completed within 180 days after the equipment first start up, unless an extension is granted by the Executive Officer. Subsequent tests should be conducted once every two years, or 8,760 operating hours, whichever occurs first. Source test frequency can be reduced to once every three years if the engine has operated for less than 2000 hours since the last test.

Relative accuracy tests of the CO and NO_x CEMSs may be used to satisfy the CO and NO_x source test requirements.

The test shall be conducted in accordance with a District approved test protocol. The protocol shall be submitted to the District no later than 45 days before the proposed test date and shall be approved before the test commences. The test protocol shall include the proposed equipment operating conditions during the tests, the identity of the testing lab, a statement from the testing lab certifying that it meets the criteria of Rule 304, and a description of all sampling and analytical procedures.

Source test reports shall be submitted to the South Coast AQMD, addressed to South Coast Air Quality Management District, Attention Osiris Torres, P.O. Box 4941, Diamond Bar, CA 91765, or submitted electronically to Otorres@aqmd.gov within 60 days after the source test is completed, unless otherwise approved in writing by the Executive Officer.

[RULE 1110.2, 11-3-2023; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; 40CFR 60 Subpart JJJJ, 1-24-2023]

[Devices subject to this condition : D103, D108, D113]

D29.10 The operator shall conduct source test(s) for the pollutant(s) identified below.



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The operator shall comply with the terms and conditions set forth below:

Pollutant(s) to be tested	Required Test Method(s)	Averaging Time	Test Location
NH3 emissions	District method 207.1	1 hour	Outlet of the SCR serving this equipment

The test shall be conducted and the results submitted to the South Coast AQMD within 60 days after the test date.

The initial test shall be conducted within 90 days after the equipment commences operation. Subsequent tests shall be conducted at least quarterly during the first twelve months of operation and at least annually thereafter. If an annual test is failed, the owner or operator shall conduct four consecutive quarterly source tests to demonstrate compliance with the ammonia emission limit prior to resuming annual source tests.

The NOx concentration, as determined by the certified CEMS, shall be simultaneously recorded during the ammonia slip test. If the CEMS is inoperable or not yet certified, a test shall be conducted to determine the NOx emissions using District Method 100.1 measured over a 60 minute averaging time period.

The test shall be conducted to demonstrate compliance with the Rule 1303 concentration limit.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : C106, C111, C116]

D82.7 The operator shall install and maintain a CEMS to measure the following parameters:



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The operator shall comply with the terms and conditions set forth below:

CO concentration in ppmv

Concentrations shall be corrected to 15 percent oxygen on a dry basis.

The CEMS will convert the actual CO concentrations to mass emission rates (lbs/hr) and record the hourly emission rates on a continuous basis.

The CEMS shall be installed and operated to measure CO concentrations over a 15 minute averaging time period.

The CEMS shall be installed and operated in accordance with an approved Rule 218.2 CEMS plan application. The operator shall not operate the CEMS prior to receiving initial approval from the South Coast AQMD.

[RULE 1703(a)(3) PSD Analysis, 10-7-1988]

[Devices subject to this condition : D103, D108, D113]

D82.8 The operator shall install and maintain a CEMS to measure the following parameters:

NOX concentration in ppmv

Concentrations shall be corrected to 15 percent oxygen on a dry basis.

The CEMS will convert the actual NOX concentrations to mass emission rates (lbs/hr) and record the hourly emission rates on a continuous basis.

The CEMS shall be installed and operated to measure NOx concentrations over a 15 minute averaging time period.

The CEMS shall be installed and operated in accordance with an approved Rule 218.2 CEMS plan application. The operator shall not operate the CEMS prior to receiving initial approval from the South Coast AQMD.

[RULE 1110.2, 11-3-2023; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]



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The operator shall comply with the terms and conditions set forth below:

[Devices subject to this condition : D103, D108, D113]

E. Equipment Operation/Construction Requirements

E193.9 The operator shall operate and maintain this equipment according to the following requirements:

The operator shall notify the South Coast AQMD of the equipment's initial startup date. Notification should be sent electronically to Osiris Torres at Otorres@aqmd.gov.

Within 90 days of the initial startup date, the operator shall send a request to Osiris Torres by mail or electronically at Otorres@aqmd.gov to surrender the operating permits of Boiler B3, B4, B5, Gas Turbine GT8A, 8B, and 8C.

[RULE 1313(d), 12-7-1995; 40CFR 60 Subpart JJJJ, 1-24-2023]

[Devices subject to this condition : D103, D108, D113]

E193.10 The operator shall operate and maintain this equipment according to the following requirements:

Commissioning operation is limited to 218 operating hours.

Commissioning shall be completed within 90 days after the initial startup, unless an extension is granted by the Executive Officer.

Monthly total emissions during commissioning operation are subject to the limits of Condition A63.7.

The operator shall notify the South Coast AQMD when the commissioning is complete and the total hours of commissioning operation. Notification should be sent electronically to Osiris Torres at Otorres@aqmd.gov.

Records of the commissioning operation, including fuel usage and engine run hours, shall be maintained and kept on file for a minimum of five years.



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The operator shall comply with the terms and conditions set forth below:

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D103, D108, D113]

K. Record Keeping/Reporting

K40.5 The operator shall provide to the District a source test report in accordance with the following specifications:

Source test results shall be submitted to the District no later than 60 days after the source test was conducted.

Emission data shall be expressed in terms of concentration (ppmv) corrected to 15 percent oxygen (dry basis), mass rate (lbs/hr), and lbs/MM Cubic Feet. In addition, solid PM emissions, if required to be tested, shall also be reported in terms of grains per DSCF.

All exhaust flow rate shall be expressed in terms of dry standard cubic feet per minute (DSCFM) and dry actual cubic feet per minute (DACFM).

All moisture concentration shall be expressed in terms of percent corrected to 15 percent oxygen.

Source test results shall also include the oxygen levels in the exhaust, fuel flow rate (CFH), the flue gas temperature, and the generator power output (MW) under which the test was conducted.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D103, D108, D113]

K67.10 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):



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The operator shall comply with the terms and conditions set forth below:

Keep a maintenance plan and records of conducted maintenance. To the extent practicable, maintain and operate the engine in a manner consistent with good air pollution control practice for minimizing emissions.

[40CFR 60 Subpart JJJJ, 1-24-2023]

[Devices subject to this condition : D103, D108, D113]