



## FACILITY PERMIT TO OPERATE PARAMOUNT PETR CORP (EIS USE)

### 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
<b>Process 11 : ELECTRIC GENERATION</b>					
<b>System 2: EMERGENCY IC ENGINES</b>					
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, ISUZU, MODEL 6WG1X, TURBOCHARGE AND AFTERCOOLER, 532 HP A/N: 515155	Dxxx		NOX: PROCESS UNIT SOX: PROCESS SOURCE	CO: 2.6 GRAMS/BHP- HR (4)[ <b>RULE 1303(a)(1)-BACT</b> <b>5-10-1996</b> ; <b>RULE 1303(a)(1)-</b> <b>BACT</b> , 12-6-2002]; NOX: 150 LBS/1000 GAL DIESEL (1) [ <b>RULE 2012</b> , <b>5-6-2005</b> ]; NOX+ROG: 3.0 GRAMS/ BHP-HR (4)[ <b>RULE 1303(a)(1)-</b> <b>BACT</b> , <b>5-10-1996</b> ; <b>RULE</b> 1303(a)(1)- <b>BACT</b> , 12-6-2002] [ <b>RULE 2005</b> , <b>5-6-2005</b> ]; PM: 0.15 GRAMS/BHP- HR(4)[ <b>RULE 1303(a)(1)-BACT</b> <b>5-10-1996</b> ; <b>RULE 1303(a)(1)-</b> <b>BACT</b> , 12-6-2002] PM:(9) <b>RULE 404</b> , <b>2-7-1986</b> ]; SOX: 6.24LBS/1000 GAL DIESEL(1)[ <b>RULE 2011</b> , <b>5-6-2005</b> ]	B61.1 C1.40 C1.41 C1.42 E71.x E193.7 H23.25 I296.1 K67.11

\* (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 limits (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.

† This permit to construct was issued to the previous operator at a prior date. The equipment was constructed and the permit was subsequently transferred to this operator



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**DEVICE CONDITIONS**

**B. Material/Fuel Type Limits**

B61.1 The operator shall only use diesel fuel containing the following specified compounds:

Compound	Weight percent
Sulfur Compounds less than	0.05

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

**Rule 2005, 5-6-2005]**

[Devices subject to this condition: D551, D854, Dxxx]

**C. Throughput or Operating Parameter Limits**

C1.40 The operator shall limit the operating time to no more than 200 hour(s) in any one year.

To comply with this condition, 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 maintain records in a manner approved by the District, to demonstrate compliance with this condition.

**[Rule 1304(a)- Modeling and Offset Exemption, 6-14-1996; Rule 2012, 5-6-2005]**

[Devices subject to this condition: D854, Dxxx]

C1.41 The operator shall limit the maintenance and testing to no more than 50 hour(s) in any one year.

The operation of the engine beyond the 50 hours per year allotted for engine maintenance and testing shall be allowed only in the event of a loss of grid power or up to 30 minutes prior to a rotating outage, provided that the electrical grid operator or electric utility has ordered rotating outages in the control area where the engine is located or has indicated that it expects to issue such an order at a certain time, and the engine is located in a utility service block that is subject to the rotating outage. Engine operation shall be terminated immediately after the utility distribution company advises that a rotating outage is no longer imminent or in effect.



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[Rule 1303(a)(1)- BACT, 5-10-1996; Rule 1303(a)(1)- BACT, 12-6-2002; Rule 1470, 6-1-2007]

[Devices subject to this condition: D854, Dxxx]

C1.42 The operator shall limit the maintenance and testing to no more than 4.2 hour(s) in any one month.

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

[Rule 1313(g)(1), 5-10-1996]

[Devices subject to this condition: D854, Dxxx]

**E. Equipment Operation/Construction Requirements**

E71.x The operator shall not operate this equipment until the Caterpillar ICE, Dev ID D854 is taken out of service.

[Rule 1472, 3-7-2008]

[Devices subject to this condition: Dxxx]

**H. Applicable Rules**

H23.25 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
PM	District Rule	1470
CO	40CFR60, SUBPART	III
NOX	40CFR60, SUBPART	III
PM	40CFR60, SUBPART	III



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<b>ROG</b>	40CFR60, SUBPART	III
<b>HAPs</b>	40CFR63, SUBPART	ZZZZ

[Rule 1470, 6-1-2007; **40CFR60 Subpart III, 7-11-2006; 40CFR63 Subpart ZZZZ, 1-18-2008**]

[Devices subject to this condition: D854, Dxxx]

**I. Administrative**

I296.1 This equipment shall not be operated unless the operator demonstrates to the Executive Officer that the facility holds sufficient RTCs to offset the annual emissions increase for the first 12 months of operation. In addition, this equipment shall not be operated unless the operator demonstrates to the Executive Officer that, at the commencement of each compliance year after the start of operation, the facility holds sufficient RTCs in an amount equal to the annual emissions increase.

[Rule 2005, 5-6-2005]

[Devices subject to this condition: D854, Dxxx]

**K. Record Keeping/Reporting**

K67.11 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

A log of engine operations, including manual and automatic operation, documenting the total time the engine is operated each month and the specific reason for operation as:

- A. Emergency use
- B. Maintenance and testing
- C. Other (Describe the reason for the operation)

In addition, for each time the engine is manually started, the log shall include the date of engine operation, the specific reason for operation, and the totalizing hour meter reading (in hours and tenths of hours) at the beginning and end of the operation.

On or before January 15<sup>th</sup> of each year, the operator shall record the engine log:



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- A. Total hours of engine operation for the previous calendar year, and
- B. Total hours of engine operation for maintenance and testing for the previous calendar year.

Engine operation log(s) shall be retained on site for a minimum of five calendar years and shall be made available to the Executive Officer or representative upon request.

**[Rule 1303(a)(1)- BACT, 5-10-1996; Rule 1303(a)(1)- BACT, 12-6-2002; Rule 1304(a)- Modeling and Offset Exemption, 6-14-1996; Rule 1470, 6-1-2007; Rule 2012, 5-6-2005; Rule 3004(a)(4)- Periodic Monitoring, 12-12-1997]**

[Devices subject to this condition: D854, Dxxx]