



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

### 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
<b>Process 2 : HYDROTREATING</b>					
<b>System 2 : HEATERS</b>					
HEATER, H-301, REFINERY GAS, UNIVERSAL OIL PRODUCT, RERUN TOWER PREHEAT, WITH LOW NOX BURNER, 30 MMBTU/HR WITH A/N: 526349 BURNER, JOHN ZINK, MODEL PSFFG-30M, 12 LOW NOX BURNERS, WITH LOW NOX BURNER	D47		NOX: LARGE SOURCE SOX: MAJOR SOURCE	CO: 400 PPMV (5)[ <b>RULE 1146, 11-17-2000</b> ]; CO: 2000 PPMV (5A) [ <b>RULE 407,4-2-1982</b> ]; NOX: 38.475 PPMV (3)[ <b>RULE 2012, 5-6-2005</b> ]; PM: 0.1 GRAINS/SCF (5) [ <b>RULE 409,8-7-1981</b> ] PM:(9)[ <b>RULE 404, 2-7-1986</b> ]	B61.2, D90.7, D328.1, H23.4

* (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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### SECTION H: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

#### DEVICE CONDITIONS

##### B. Material/Fuel Type Limits

B61.2 The operator shall not use fuel gas containing the following specified compounds:

Compound	ppm by volume
H2S greater than	160

The H2S concentration limit shall be based on a rolling 3-hr averaging period.

[40CFR60 Subpart J, 6-24-2008]

[Devices subject to this condition: D27, D29, D30, D31, D44, D45, D46, D73, D74, D75, D76, C175]

##### D. Monitoring/Testing Requirements

D90.7 The operator shall continuously monitor the H2S concentration in the fuel gases before being burned in this device according to the following specifications:

The operator shall use an NSPS Subpart J approved instrument meeting the requirements of 40CFR60 Subpart J to monitor the parameter.

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

The operator may monitor the H2S concentration at a single location for fuel combustion devices, if monitoring at this location accurately represents the concentration of H2S in the fuel gas being burned in this device.

[40CFR60 Subpart J, 6-24-2008]

[Devices subject to this condition: D27, D44, D46, D73, D74, D75, D76, C175]



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**SECTION H: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

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

D328.1 The operator shall determine compliance with the CO emission limit(s) either: (a) conducting a source test at least once every five years using AQMD Method 100.1 or 10.1; or (b) conducting a test at least annually using a portable analyzer and AQMD-approved test method. The test shall be conducted when the equipment is operating under normal conditions to demonstrate compliance with the CO concentration limit(s). The operator shall comply with all general testing, reporting, and recordkeeping requirement in Sections E and K of this permit.

[Rule 1146, 11-17-2000; Rule 3004(a)(4)-Periodic Monitoring, 12-12-1997; Rule 407, 4-2-1982]

[Devices subject to this condition: D27, D31, D75, D76, D374]

**H. Applicable Rules**

H23.4 This equipment is subject to the applicable requirements of the following rules or regulations:

<b>Contaminant</b>	<b>Rule</b>	<b>Rule/Subpart</b>
H2S	40CFR60, SUBPART	J

[40CFR60 Subpart J, 6-24-2008]

[Devices subject to this condition: D27, D29, D30, D31, D44, D45, D46, D73, D74, D75, D76, C175, C531]