



**FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)**

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 4 : HYDROTREATING					P13.1
System 8: NAPHTHA HYDROTREATER/SPLITTER UNIT HEATERS					S2.1
HEATER, HOT OIL, 56-H-2, REFINERY GAS, 200 MMBTU/HR WITH A/N: 447455 BURNER, 15 BURNERS, REFINERY GAS, CALLIDUS, MODEL LECSGW #5, LOW NOX BURNER, 200 MMBTU/HR	D430	C431	NOX: MAJOR SOURCE; SOX: MAJOR SOURCE	CO: 2000 PPMV (5)[RULE 407, 4-2-1982]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981] PM: (9)[RULE 404, 2-7-1986]	B61.1, B61.2, D90.3, H23.5

* (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.



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PROCESS CONDITIONS

P13.1 All devices under this process are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
Benzene	40CFR61, SUBPART	FF

[40CFR61, SUBPART FF, 12-4-2003]

[Processes subject to this condition: 1, 3, 4, 5, 7, 8, 9, 10, 11, 12, 14]

SYSTEM CONDITIONS:

S2.1 The operator shall limit emissions from this system as follows

CONTAMINANT	EMISSIONS LIMIT
ROG	Less than or equal to 34 LBS IN ANY ONE DAY
CO	Less than or equal to 76 LBS IN ANY ONE DAY
PM	Less than or equal to 101 LBS IN ANY ONE DAY

For the purposes of this condition, the emission limit(s) are the combined emissions from Heaters 56-H-1 and 56-H-2 measured at the outlet of the common stack when both equipment are in operation.

The operator shall calculate the emission limit(s) using monthly fuel use data, and the following emission factors: ROG: 7.0 lbs/mmscf; CO: 17.5 lbs/mmscf; and PM: 21 lbs/mmscf.

In lieu of using the default emission factors whenever source test are required by this facility permit, the operator shall calculate the emissions using fuel usage during the calendar month as determined by a RECLAIM certified fuel meter and source test emission data. The source test emissions data will be converted to lb/mmscf, multiplied by the actual calendar month fuel usage, and divided by 30 to determine the daily mass emissions.

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

[Systems subject to this condition: Process 4, System 8]



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DEVICE CONDITIONS:

B. Material/Fuel Type Limits

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

Compound	ppm by volume
Sulfur less than	100

The operator shall maintain a continuous total sulfur analyzer to monitor the sulfur content of the fuel gas.

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

[Devices subject to this condition: D3, D6, D8, D12, D22, D59, D60, D73, D98, D429, D430, D768]

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

Compound	ppm by volume
H2S less than	160

[40CFR 60 Subpart J, 6-24-2008]

[Devices subject to this condition: D3, D6, D8, D9, D12, D22, D38, D52, D53, D59, D60, D73, D74, D98, D377, D378, D429, D430, D768]

D. Monitoring/Testing Requirements

D90.3 The operator shall continuously monitor the H2S concentration in the fuel gas 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.



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[40CFR 60 Subpart J, 6-24-2008]

[Devices subject to this condition: D3, D6, D8, D9, D12, D22, D38, D52, D53, D59, D60, D73, D74, D98, D377, D378, D429, D430, D768]

H. Applicable Rules

H23.5 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
H2S	40CFR60, SUBPART	J

[40CFR 60 Subpart J, 6-24-2008]

[Devices subject to this condition: D3, D6, D8, D9, D12, D22, D38, D52, D53, D59, D60, D73, D74, D98, D377, D378, D400, D402, D403, D429, D430, D768]