



**FACILITY PERMIT TO OPERATE
TESORO REFINING AND MARKETING CO.**

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS
The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connecte d To	RECLAIM Source Type / Monitoring Unit	Emissions and Requirements	Conditions
PROCESS 15: STORAGE TANKS					P13.1
SYSTEM 6 : STORAGE TANKS, OTHERS					
STORAGE TANK, FIXED ROOF, TANK 192, 5,460 GALLONS; DIAMETER:9 FT; HEIGHT:11 FT 11", CAUSTIC A/N: 519205	D1670				B59.10, K67.17 E336.2
STORAGE TANK, FIXED ROOF, TANK 138, 5,460 GALLONS; DIAMETER:9 FT; HEIGHT:11 FT 11", CAUSTIC A/N: 519207	D1671				B59.10, K67.17 E336.2
STORAGE TANK, FIXED ROOF, TANK 139, 5,460 GALLONS; DIAMETER:9 FT; HEIGHT:11 FT 11", CAUSTIC A/N: 519208	D1672				B59.10, K67.17 E336.2
STORAGE TANK, FIXED ROOF, TANK 200A, 8,400 GALLONS; DIAMETER:12 FT; HEIGHT:12 FT, CAUSTIC(SPENT) A/N: 519209	D1673				B59.10, K67.17 E336.2

Equipment	ID No.	Connec ted To	RECLAIM Source Type / Monitoring Unit	Emissions and Requireme nts	Conditions
PROCESS 21: AIR POLLUTION CONTROL					
SYSTEM 3: REFINERY VAPOR RECOVERY COMPRESSORS SYSTEM					S11.3, S13.4, S15.11, S18.1
COMPRESSOR, C-68, INGERSOLL-RAND, TWO-STAGE, 350 H.P. A/N: 519210/ 501287	D641				



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COMPRESSOR, C-69, INGERSOLL-RAND, TWO-STAGE, 350 H.P. A/N: <u>519210/ 501287</u>	D642				H23.4
COMPRESSOR, C-104, INGERSOLL-RAND, TWO-STAGE, 350 H.P. A/N: <u>519210/ 501287</u>	D643				
COMPRESSOR, C-105, INGERSOLL-RAND, TWO-STAGE, 350 H.P. A/N: <u>519210/ 501287</u>	D644				
DRUM, VAPOR RECOVERY KNOCKOUT, V-2380, LENGTH: 11 FT; DIAMETER: 54 FT A/N: <u>519210/ 501287</u>	D1662				
POT, V-556, CONDENSATE POT #4, HEIGHT: 6 FT; DIAMETER: 9 FT A/N: <u>519210/ 501287</u>	D886				
DRUM, SUCTION, V- 1135, LENGTH: 22 FT 6 IN; DIAMETER: 9 FT A/N: <u>519210/ 501287</u>	D887				
DRUM, DEA FLASH, V- 1491, LENGTH: 40 FT; DIAMETER: 4 FT A/N: <u>519210/ 501287</u>	D1663				
DRUM, <u>SOUR WATER FLASH DRUM AND BACK UP</u> DEA SKIM, V- 1490, LENGTH: 30 FT; DIAMETER: 12 FT A/N: <u>519210/ 501287</u>	D1615				
DRUM, DEA SKIM, V- 1139, SPARE, LENGTH: 26 FT; DIAMETER: 8 FT A/N: <u>519210/ 501287</u>	D1316				



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POT, V-1865, CONDENSATE POT #1, HEIGHT: 8 FT; DIAMETER: 8 FT A/N: <u>519210/ 501287</u>	D890				
POT, V-1866, CONDENSATE POT #2, HEIGHT: 8 FT; DIAMETER: 4 FT A/N: <u>519210/ 501287</u>	D891				
POT, V-1867, CONDENSATE POT #3, HEIGHT: 8 FT; DIAMETER: 4 FT A/N: <u>519210/ 501287</u>	D892				
POT, V-1868, CONDENSATE POT #5, HEIGHT: 8 FT; DIAMETER: 4 FT A/N: <u>519210/ 501287</u>	D893				
POT, V-1871, CONDENSATE POT #6, HEIGHT: 8 FT; DIAMETER: 4 FT A/N: <u>519210/ 501287</u>	D894				
POT, V-1872, CONDENSATE POT #7, HEIGHT: 8 FT; DIAMETER: 4 FT A/N: <u>519210/ 501287</u>	D895				
POT, V-1873, CONDENSATE POT #8, HEIGHT: 8 FT; DIAMETER: 4 FT A/N: <u>519210/ 501287</u>	D896				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: <u>519210/ 501287</u>	D1477				H23.5



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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

[40CFR 61 Subpart FF, 11-12-2002]

[Processes subject to this condition : 1, 2, 3, 4, 5, 6, 8, 9, 11, 12, 15]

DEVICE CONDITIONS

B. Material/Fuel Type Limits

B59.10 The operator shall only use the following material(s) in this device :

Caustic/Spent Caustic

[RULE 1303, 5-10-1996]

[Devices subject to this condition : D1670,D1671,D1672, D1673]

E. Equipment Operation/Construction Requirements

E 336.2 The operator shall vent the vent gases from this equipment as follows:

All vent gases under normal operating shall be directed to a vapor recovery system consisting of compressors D641, D642, D643 AND OR D644, which can be operated independently to maintain a system vacuum that efficiency collects all vented gases.

This equipment shall not operated unless the vapor recovery system is in full use and has a valid permit to receive vent gases from this equipment

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

[Devices subject to this condition : D458, D459, D460, D461, D462, D466, D467, D520, D521, D526, D531, D533, D534, D544, D546, D547, D548, D550, D551, D552, D553,D554, D555, D556, D557, D558, D559, D560, D561, D562, D563, D564, D565, D566,D567, D569, D571, D572, D573, D574, D575, D576, D577, D578, D579, D589,



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D584,D592,D593, D594, D595, D596, D597, D598, D599, D600, D602, D603, D604, D606, D607,D608, D611, D613, D614, D615, D616, D617, D619, D620, D622, D623, D624, D625,D626, D627, D628, D631, D633, D634, D636, D637, D639, D640, D807, D808, D809,D982, D998, D1001, D1002, D1500, **D1670,D1671,D1672, D1673**

K. Record Keeping/Reporting

K67.17 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Throughput of the stored liquids.

[**RULE 1303(b)(2)-Offset, 5-10-1996** RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : D1533, **D1670,D1671,D1672, D1673**]