



FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

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 13 : STORAGE TANKS					P13.1, P13.2
System 8 : DOME COVERED EXTERNAL FLOATING ROOF TANKS					S13.8
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, NO. 6, 42000 BBL, DIAMETER: 85 FT, HEIGHT: 48 FT WITH A/N : 501735 DOME COVER, GEODESIC FLOATING ROOF, DOUBLE DECK, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY A, WIPER TYPE GUIDEPOLE, GASKETED SLIDING COVER, WITH WIPER, UNSLOTTED	D549			BENZENE: (10) [40CFR 61 SUBPART FF_01, 12-4-2003]; HAP: (10) [40CFR 63 SUBPART CC, #3A, 6-23-2003]	B22.2, C1.50, H23.9, K67.11, K171.x
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, NO. 66, WITH A MIXER, 82000 BBL, DIAMETER: 117 FT, HEIGHT: 45 FT WITH A/N : 501727 DOME COVER, GEODESIC FLOATING ROOF, PONTOON, RIVETED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), WIPER TYPE GUIDEPOLE, GASKETED SLIDING COVER, WITH WIPER, UNSLOTTED	D555			BENZENE: (10) [40CFR 61 SUBPART FF_01, 12-4-2003]; HAP: (10) [40CFR 63 SUBPART CC, #3A, 6-23-2003]	H23.9, K67.11, K171.x

* (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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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 purchase diesel fuel containing sulfur compounds in excess of 15 ppm by weight as supplied by the supplier.

This condition shall become effective on or after June 1, 2004.

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

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, 5-24-1996]



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

- F25.1 The permit holder of this facility shall not install, alter, or operate a refinery process unit or other non-Rule 219 exempt equipment without a valid RECLAIM/TitleV permit issued by the AQMD pursuant to Rule 201 - Permit to Construct, Rule 203 - Permit to Operate, Rule 2004 - Requirements, and Rule 3002 - Requirements, as applicable.

Notwithstanding the above, the provisions of Rules 201, 203, 2004, and 3002 shall not apply to installations or alterations that involve only the equipment listed in Table 1 below, nor shall they apply to the operation of equipment listed in Table 1, when directly associated with permitted process units or other permitted equipment.

Notwithstanding the above, all new equipment listed in Table 1, including associated fugitive components installed with such equipment, shall have Best Available Control Technology installed in conformance with the Best Available Control Technology Guidelines in effect at the time of the installation.

TABLE 1

- (a) Heat Exchanger (including air-cooler, reboiler, cooler, condenser, and shell and tube exchanger)
- (b) In-line Mixer
- (c) Pump
- (d) Knockout Pot - Compressor inlet (immediate inlet) and interstage
- (e) Knockout Pot - Fuel Gas System (downstream of fuel gas mix drums)

This condition applies only to the facility that processes petroleum as defined in the Standard Industrial Classification Manual as Industry No. 2911 - Petroleum Refining, as well as its directly associated sulfur recovery plant which may be located outside of the facility.

[RULE 2004, 5-11-2001; RULE 2004, 4-6-2007]

- F34.2 The operator shall not sell refinery gas containing sulfur compounds in excess of 40 ppmv, calculated as hydrogen sulfide, averaged over 4-hour period.

[RULE 431.1, 6-12-1998]

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

F52.1 This facility is subject to the applicable requirements of the following rules or regulation(s):

40CFR79
40CFR80
California Code of Regulations, Title 13, Division 3, Chapter 5

[40CFR 79, 7-1-1999; 40CFR 80, 7-1-1999; CCR Title 13, 9-24-1999]

F52.2 This facility is subject to the applicable requirements of the following rules or regulation(s):

CONSENT DECREE CIVIL NO. H-05-0258. The facility shall send the District a copy of the semiannual updates sent to the EPA of the specific requirement of emission standards and limitations from the Consent Decree as well as dates of compliance for the requirement not yet fulfilled.

[CONSENT DECREE CIVIL NO. H-05-0258, 8-11-2008]

F52.3 This facility is subject to the applicable requirements of the following rules or regulation(s):

40 CFR 60 SubpartA
40 CFR 61 SubpartA
40 CFR 63 SubpartA

[40CFR 60 Subpart A, 5-16-2007; 40CFR 61 Subpart A, 5-16-2007; 40CFR 63 Subpart A, 5-16-2007]

F60.1 The emission limits identified in Section D and H of the permit shall be defined as emissions discharged to the atmosphere from the originating equipment.



**FACILITY PERMIT TO OPERATE
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The operator shall comply with the terms and conditions set forth below:

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
VOC	District Rule	463

[Rule 463, 5-6-2005]

[Processes subject to this condition : 13]

P13.2 All devices under this process are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
HAPs	40CFR61, SUBPART	FF

[40CFR 61 Subpart FF, 12-4-2003]

[Processes subject to this condition : 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 18]

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

SYSTEM CONDITIONS

S13.8 All devices under this system are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	463
VOC	District Rule	1178
VOC	District Rule	1149

For Rule 463 applicability, only subdivision (d) in the March 11, 1994 amendment, or equivalent requirements in the future amendments, shall apply to domed external floating roof tanks. This does not preclude any requirements specified in Rule 1178.

[RULE 1149, 7-14-1995; RULE 1149, 5-2-2008; RULE 1178, 4-7-2006; RULE 463, 5-6-2005]

[Systems subject to this condition : Process 13, System 3, 8]

DEVICE CONDITIONS

B. Material/Fuel Type Limits

B22.2 The operator shall not use this equipment with materials having a(n) true vapor pressure of 11 psia or greater under actual operating conditions.

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

[Devices subject to this condition : D549]



**FACILITY PERMIT TO OPERATE
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The operator shall comply with the terms and conditions set forth below:

C. Throughput or Operating Parameter Limits

C1.50 The operator shall limit the throughput to no more than 730,000 barrel(s) in any one calendar year.

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

[Devices subject to this condition : D549]

H. Applicable Rules

H23.9 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	40CFR60, SUBPART	Kb
Benzene	40CFR61, SUBPART	FF

[40CFR 60 Subpart Kb, 10-15-2003; 40CFR 61 Subpart FF, 12-4-2003]

[Devices subject to this condition : D546, D549, D555, D556, D602, D612, D630, D633]

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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

K. Recordkeeping/Reporting

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

Tank throughput in barrels

Commodity stored and its time period.

True vapor pressure, in psia at actual storage temperature, of each commodity stored.

Hydrocarbon concentration measurements of the vapor space above the floating roof of the tank.

Other records that are required to comply with the applicable requirements of Rule 463(d), 1149, 1178, and 40CFR63 Subpart CC.

[RULE 1149, 7-14-1995; RULE 1149, 5-2-2008; RULE 1178, 4-7-2006; RULE 1301, 12-7-1995; RULE, 463, 5-6-2005; 40CFR 63 Subpart CC, 6-23-2003]

[Devices subject to this condition : D549, D555]

K171.x The operator shall provide to the District, the following item(s):

Final drawings and/or specifications of the geodesic dome cover, slotted/unslotted guidepole, wiper and other tank appurtenances upgrades to be installed/constructed shall be submitted to the district within 60 days after construction.

[RULE 1178, 4-7-2006]

[Devices subject to this condition : D549, D555]



FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION I: PLANS AND SCHEDULES

This section lists all plans approved by AQMD for the purposes of meeting the requirements of applicable AQMD rules specified below. The operator shall comply with all conditions specified in the approval of these plans, with the following exceptions:

- a. The operator does not have to comply with NOx or SOx emission limits from rules identified in Table 1 or Table 2 of Rule 2001(j) which become effective after December 31, 1993.
- b. The operator does not have to comply with NOx or SOx emission limits from rules identified in Table 1 or Table 2 of Rule 2001(j) after the facility has received final certification of all monitoring and reporting requirements specified in Section F and Section G.

Documents pertaining to the plan applications listed below are available for public review at AQMD Headquarters. Any changes to plan applications will require permit modification in accordance with Title V permit revision procedures.

List of approved plans:

Application	Rule
327268	2002
332225	1176
377893	463
400212	1118
424268	1173
429616	1105.1
445782	1470
452305	1178
457557	1178
460019	1105.1
489764	461

NOTE: This section does not list compliance schedules pursuant to the requirements of Regulation XXX - Title V Permits; Rule 3004(a)(10)(C). For equipment subject to a variance, order for abatement, or alternative operating condition granted pursuant to Rule 518.2, equipment specific conditions are added to the equipment in Section D or H of the permit.



South Coast Air Quality Management District



21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 • www.aqmd.gov

December 4, 2009

Mr. Marshall Waller
ConocoPhillips Corporation
1600 West Anaheim Street
Wilmington, CA 90744

Re: Rule 1178 Compliance Plan
Application Number: 457557
Plan Owner/Operator: ConocoPhillips Corporation
Facility ID: 800363
Site Address: 1600 West Anaheim Street
Wilmington, CA 90744

Dear Mr. Waller:

Application #457557 for your facility's revised Rule 1178 compliance plan to comply with the South Coast Air Quality Management District's (AQMD) Rule 1178 – Further Reductions of VOC Emissions from Storage Tanks at Petroleum Facilities, was received on June 7, 2006. Your facility has chosen the compliance schedule specified in rule 1178(d)(2)(A)(iv). The Rule 1178 compliance plan has been reviewed and approved, subject to the conditions listed below.

CONDITIONS

1. The operator shall complete the dome roof cover installation, or accept a change of condition restricting the vapor pressure to less than 3 psia, or remove from service and inactivate permit, on four Phase II storage tanks by 31 December 2010.

2. The operator shall keep adequate records to show compliance with all plan conditions. Such records shall be made available to District personnel upon request. The operator shall maintain records for five years.

If you have any question, please contact Mr. Jon Uhl at (909) 396-2725.

Sincerely yours,

Jay Chen, P.E.
Senior AQ Engineering Manager
Refinery & Waste Management
Permitting

Attachment A-Revised Rule 1178 Compliance Schedule

cc: Compliance
A/N 457557

Attachment A

Revised Rule 1178 Compliance Schedule

No.	Storage Tank No.	AQMD Device No.	Phase I or Phase II	Completed the Dome Addition	(j)(5) Exemption, permit condition limits TVP < 3 psia	Tank removed from Service, Permit inactive	31 December 2010 Compliance Schedule (Phase II)
1	1	D546	I	X			
2	171	D573	I	X			
3	330	D592	I	X			
4	147	D567	I	X			
5	169	D571	I	X			
6	401	D356	I		X		
7	402	D357	I		X		
8	404	D359	I		X		
9	407	D362	I		X		
10	408	D363	I		X		
11	409	D620	I			X	
12	410	D364	I		X		
13	91	D559	I	X			
14	110	D563	I	X			
15	149	D604	I	X			
16	292	D587	I	X			
17	6	D549	II				X
18	66	D555	II				X
19	67	D556	II				X
20	94	D562	II			X	
21	337	D602	II				X
22	168	D570	II	X			