



FACILITY PERMIT TO OPERATE EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emission* And Requirements	Conditions
Process 3: FLUID CATALYTIC CRACKING UNIT					P13.1
System 2: FCCU AIR POLLUTION CONTROL SYSTEM					
CYCLONE, 2C-25, 3RD STAGE SEPARATOR, CATALYST DUST, HEIGHT: 57 FT ; DIAMETER: 26 FT A/N: 428467 512800	C1590	D151 D2404			
CYCLONE, 2C-26-CY, 4TH STAGE SEPARATOR, CATALYST DUST, HEIGHT: 3 FT 3 IN; DIAMETER: 1 FT 9 IN WITH A/N: 428467 512800 HOPPER, 2C-26, CATALYST DUST, DIA: 8 FT, H: 12 FT	C2314	D151			D323.1, E102.2, K67.16
Process 3: FLUID CATALYTIC CRACKING UNIT					P13.1
System 3: CATALYST/SPENT CATALYST HANDLING AND STORAGE					
STORAGE SILO, 2C-1, FRESH CATALYST (BASE), SINOPEC RIPP ZDOS-T, GRACE DAVISON GENESIS-2634, GRACE DAVISON ALCYON-U411 HEIGHT: 37 FT 6 IN; DIAMETER: 15 FT A/N: 431353-510469	D167	C2317		PM: (9) [RULE 404, 2-7-1986; RULE 405, 2-7-1986]	<u>B27.X</u> D323.1, E71.11

Conditions:

P13.1 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, 7, 8, 9, 11, 12, 13, 14, 15, 20, 22, 23]

B27.xThe operator shall not use materials containing any toxic air contaminants (TACs) identified in the SCAQMD Rule 1401, as amended 06-05-2009.

[RULE 1401, 6-5-2009]

[Devices subject to this condition : ..D167..]



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

D323.1 The operator shall conduct an inspection for visible emissions from all stacks and other emission points of this equipment whenever there is a public complaint of visible emissions, whenever visible emissions are observed, and on a semi-annual basis, at least, unless the equipment did not operate during the entire semi-annual period. The routine semi-annual inspection shall be conducted while the equipment is in operation and during daylight hours.

If any visible emissions (not including condensed water vapor) are detected that last more than three minutes in any one hour, the operator shall verify and certify within 24 hours that the equipment causing the emission and any associated air pollution control equipment are operating normally according to their design and standard procedures and under the same conditions under which compliance was achieved in the past, and either:

- 1). Take corrective action(s) that eliminates the visible emissions within 24 hours and report the visible emissions as a potential deviation in accordance with the reporting requirements in Section K of this permit; or
- 2). Have a CARB-certified smoke reader determine compliance with the opacity standard, using EPA Method 9 or the procedures in the CARB manual "Visible Emission Evaluation", within three business days and report any deviations to AQMD.

In accordance with the reporting requirements in Section K of this permit, the operator shall keep the records in accordance with the recordkeeping requirements in Section K of this permit and the following records:

- 1). Stack or emission point identification;
- 2). Description of any corrective actions taken to abate visible emissions;
- 3). Date and time visible emission was abated; and
- 4). All visible emission observation records by operator or a certified smoke reader.

[**RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 401, 3-2-1984; RULE 401, 11-9-2001**]

[Devices subject to this condition : D129, D130, D167, D168, D919, C1558, D2291, D2292, D2293, D2294, D2295, D2296, D2297, D2298, D2299, D2300, D2301, D2302, D2303, C2314, D2316, C2317, D2331, D2332, D2333, D2334, D2335, D2384, D2385, D2386, D2388, D2389]

E71.11 The operator shall only vent this equipment to the water sump whenever it is being filled. The operator shall not fill this silo unless the air/steam ejector is utilized and the vent gas is sparged at least 6 inches below the water surface of the sump.



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[RULE 404, 2-7-1986; RULE 405, 2-7-1986]

[Devices subject to this condition : D167, D168, D2316]

E102.2 The operator shall discharge dust collected in this equipment only into closed containers.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 401, 3-2-1984; RULE 401, 11-9-2001]

[Devices subject to this condition : C165, C166, C2314]

K67.16 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Truck outhauls of the hopper.

[RULE 1105.1, 11-7-2003]

[Devices subject to this condition : C2314]

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