

Bay Area Air Quality Management District

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San Francisco, CA 94109
(415) 771-6000

Permit Evaluation and Statement of Basis for Major Facility Review Permit Reopening - Revision 3.6

for
**Chevron Products Company
Facility #A0010**

Facility Address:
841 Chevron Way
Richmond, CA 94802

Mailing Address:
Post Office Box 1272
Richmond, CA 94802

November 2006

Applications (NSR/Title V) : 10158, 10729/13476, 10798/10797, 11503, 12693/12694
12975, 13023/ 13024, 13610/13012, 14096/14485, 14565/14566

Application Engineer: Greg Solomon, Senior Air Quality Engineer
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Changes to the Permit

The legal and factual basis for the permit follows. The permit sections are described in the order that they are presented in the permit.

Note that this Rev 3.6 application #13024 includes the Title V portions of the following district applications: 10158, 11503, and 12975.

Title Page

Both the Responsible Official and Facility contact will be changed.

Section II

Table II A.1 will be revised to include the new S-7013 SRU Standby Generator per district application # 12975.

Table II A.1 will be revised to include S-3127 per district application # 14565.

Table II A.1 will be revised to include the new S-6051 ALKY CTW per district application # 13023.

Table II A.1 will be revised to include the new S-4226 FGHT FCC Gasoline Hydrotreater, and modified tanks S-1296 and S-1514 per district application # 10729.

Table II A.1 will be revised to include the new S-4940 Tank D-4940 per district application # 14096.

Table II A.1 will be revised to include the new S-7601 Ink Jet Printing Operation per district application # 11503.

Table II A.1 will be revised to remove S-4093, S-4094, S-4095, and S-4402 per district application # 13610.

Table II.A.1 will be revised to update the throughput limit for S-4250 per condition #22979 (district application # 10158).

Table II.A.1 will be revised to update the throughput limit for S-4340, S-4341, S-4342, S-4343, and S-4349 per condition #469 (district application # 10798).

Table II A.2 will be revised to include the new condition # 23262 and to remove the old condition #20361, which is applicable to S-3127 Tank, per district application # 14565.

Table II A.2 will be revised to remove the old S-6051 MTBE Plant Cooling Tower per district application # 13023.

Table II A.3 will be revised to update the throughput limit for S-1296 and S-1514 per Condition #22641(district application # 10729).

Section IV

Table IV A.3.1 will be revised to remove S-4093, S-4094, S-4095, and S-4402 per district application # 13610.

Table IV A.3.2 will be revised to include S-4032, S-4033, S-4039, S-4040, S-4041, S-4046, S-4153, S-4154, S-4162, S-4163, S-4164, S-4165, S-4166, and S-4167 per Consent Decree case No. 03-04650, 6/27/05(sources are taken from Table IV.A.3.3) per district application # 13610.

Table IV A.3.3 will be revised to reflect the application of Regulation 9 Rule 10 and NSPS Subpart J and the removal of S-4095 per district application # 13610.

Table IV A.3.5 will be revised to update the NO_x limit based on Condition # 469 part 6E2 from 30 ppmv to 20 ppmv per district application #10798.

Table IV A.4.1 will be revised to include S-7013 and the condition #22569 per district application # 12975.

Table IV A.5.1 will be revised to add NSPS 40 CFR Part 60 Subpart J (60.104, 60.104(a)(1), 60.105, 60.105(a)(4) and 60.105(e)(3)) per district application # 13610.

Table IV C.1.1 will be revised to include the edited condition #14596, which is applicable for the modified S-6051 per district application # 13023.

Table IV C.3.1 will be revised to include the condition #22979, which is applicable for the new S-4250 per district application # 10158.

Table IV C.3.1 will be revised to include the new S-4226 and the condition #22641 per district application # 10729.

Table IV E.2.1 will be revised to add NSPS 40 CFR Part 60 Subpart J (60.104(a)(2)(i), 60.105(a)(5), 60.105(a)(5)(i), 60.105(a)(5)(ii), 60.105(e)(4)(i), and 60.106 to 60.108) per district application # 13610.

Table IV F.1.3 will be revised to include S-4940 and the condition #23001 per district application # 14096.

Table IV F.1.13 will be revised to include condition #22641, which is applicable for S-1296 and S-1514 per district application # 10729.

Table IV G.1.6 will be revised to include the new condition # 23262, which is applicable to S-3127 Tank per district application # 14565.

Table IV H.3.1 will be revised to include S-7601 and the condition #22266 per district application # 11503.

Section VI

Condition # 469 will be revised to reflect changes in NO_x emissions limits as a result of 9-10 (per district applications # 13610 and 10798) and RACT adjustment due to NO_x emissions reductions required from Regulation 9, Rule 10.

Condition #11066 for S-4285 will be revised to add PM, CO, and Opacity limit under district application #13610.

Condition #14596 for S-6051 will be updated after completion of work authorized under district application #13023, which replaces S-6051 MTBE Plant Cooling Tower with the new S-6051 ALKY CTW.

Condition #19063 for S-4227, S-4228, and S-4229 will be revised to add SO₂ limit for the tail gas unit emission (A-20, A-21, A-22), and to include NSPS Subpart J and A per district application # 13610.

Condition # 22923 will be added to list the sources that are subject to the applicable requirements of NSPS Subpart J and A per district application # 13610.

Condition # 22979 will be added to S-4250 per district application # 10158.

Condition # 22569 will be added to S-7013 per district application # 12975.

Condition # 23001 will be added to S-4940 per district application # 14096.

Condition # 22266 will be added to S-7601 per district application # 11503.

Condition # 23262 will be added to S-3127 to replace the old condition #20361 per district application # 14565.

Condition # 22641 will be revised to correct the error in source number typing, and it will be added to S-4226, S-1296, and S-1514 per district application # 10729.

Condition # 12104, 12139, 13364 will be revised to replace the liquid mounted primary seal to the metallic shoe primary seal that extends below the liquid surface per district application # 12693.

Section VII

Table VII A.3.1 will be revised to remove S-4093, S-4094, S-4095, and S-4402 per district application # 13610.

Table VII A.3.2 will be revised to include S-4032, S-4033, S-4039, S-4040, S-4041, S-4046, S-4153, S-4154, S-4162, S-4163, S-4164, S-4165, S-4166, and S-4167 per Consent Decree case No. 03-04650, 6/27/05 (sources are taken from Table IV.A.3.3) per district application # 13610.

Table VII A.3.2 will be revised to update the Fuel flow limit based on Condition # 469 part 6E from 302 MMBTU/hr to 337.5 MMBTU/hr per district application # 10798.

Table VII A.3.3 will be revised to reflect the application of Regulation 9 Rule 10 and NSPS Subpart J and the removal of S-4095 per district application # 13610.

Table VII A.3.5 will be revised to update the NO_x limit based on Condition # 469 part 6E2 from 30 ppmv to 20 ppmv per district application #10798.

Table VII A.4.1 will be revised to include the record-keeping requirement for S-7013 (condition # 22569) per district application # 12975.

Table VII A.5.1 is revised to add H₂S limit associated with 40 CFR Part 60.104(a)(1) (monitoring requirement: 40 CFR Part 60.105(a)(4)) per district application # 13610.

Table VII A.5.1 is revised to add SO₂ limit associated with 40 CFR Part 60.104(a)(2)(i) (monitoring requirement: 40 CFR Part 60.105(a)(5)) per district application # 13610.

Table VII C.1.1 will be revised to include the condition #14596 that will be effective after completion of work authorized under district application # 13023 for TDS and POC limit and monitoring requirement.

Table VII C.3.1 will be revised to add throughput limit and record keeping requirement, which are applicable for the new S-4250 (district application # 10158) and S-4226 (district application # 10729).

Table VII E.2.1 is revised to add SO₂ limit and monitoring requirement associated with 40 CFR 60.104(a)(2)(i) and 40 CFR 60.105(a)(5) per district application # 13610.

Table VII F.1.2 will be revised to have S-3127 removed since it is correctly located in Table VII.G1.6.

Table VII F.1.3 will be revised to add throughput limit and record keeping requirement, which is applicable for the new S-4940 per district application # 14096.

Table VII F.1.13 will be revised to add throughput limit and record keeping requirement, which is applicable for S-1296 and S-1514 per district application # 10729.

Table VII G.1.6 will be revised to update the benzene and throughput limits according to the new condition # 23262, which is applicable to S-3127 Tank per district application # 14565.

Table VII H.3.1 will be revised to add ink and cleanup solvent annual limits and record keeping requirements, which are applicable for the new S-7601 per district application # 11503.