

# Bay Area Air Quality Management District

939 Ellis Street  
San Francisco, CA 94109  
(415) 771-6000

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~~Final~~Proposed

## MAJOR FACILITY REVIEW PERMIT

Issued To:

**Chevron Products Company**

Facility #A0010

**Facility Address:**

841 Chevron Way  
Richmond, CA 94802

**Mailing Address:**

Post Office Box 1272  
Richmond, CA 94802

**Responsible Official**

~~Curtis Anderson~~M.E. Coyle, Richmond Refinery Mgr.  
510-242-4400

**Facility Contact**

**David Heath**, Air Team Leader  
510-242-2026

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**Type of Facility:** Petroleum Refinery

**Primary SIC:** 2911

**Product:** Petroleum

BAAQMD Engineering Division Contact:

Greg Solomon, PE

Senior Air Quality Engineer

415-749-4715

**ISSUED BY THE BAY AREA AIR QUALITY MANAGEMENT DISTRICT**

Signed by Jack P. Broadbent

Jack P. Broadbent, Executive Officer/Air Pollution Control Officer

April 5, 2007

Date

## II. Equipment

**Table II A 1 - Permitted Sources (New Source Review)**

Each of the following sources has been issued a permit to operate pursuant to the requirements of BAAQMD Regulation 2, Permits. The capacities in this table are the maximum allowable capacities for each source, pursuant to Standard Condition J.1 and Regulation 2-1-301. All combustion sources are fired on natural gas or refinery fuel gas, except where noted in permit conditions.

Source Number	Description	Make or Type	Model	Capacity	Annual Throughput Limits	Daily Throughput Limits	Units	Basis
S-4194	F-2370 Tail Gas Heater #3 SRU	Contractor	N/A		491,436	1346	million Btu HHV	original design RLOP
S-4226	FGHT FCC Gasoline Hydrotreater	C.F. Braun	N/A			64,800	bbl	Condition #22641
S-4227	SRU #1 Train	Contractor	N/A		54,750	189.6	long tons	Conditon #19063
S-4228	SRU #2 Train	Contractor	N/A		54,750	179	long tons	Conditon #19063
S-4233	#1 Jet Hydrotreater	Bechtel	N/A		35,040,000	96,000	bbl	PTO RLOP
S-4234	No. 5 Naphtha Hydrotreater	Bechtel	N/A		21,024,000	57,600	bbl	PTO RLOP
S-4235	Diesel Hydrotreater	C.F. Braun	N/A		23,652,000	64,800	bbl	PTO app.#9014 '93
S-4236	No. 4 Crude Unit	C.F. Braun	N/A		<del>88,659,000</del>	257,200	bbl	RLOP C#469
S-4238	Liquefied Petroleum Gas Loading Rack	Fischer	N/A		10,000,000	27,400	bbl	Data form RLOP
S-4250	Hydrogen Manufacturing Plant	Foster Wheeler	N/A		66,102	181.1	million SCF H2 produced	Two trains, highest day. Post 79 apps justify annual limit  RLOP, Cond # 22979 and #469
S-4252	TKN Isocracker	Bechtel	N/A		18,709,900	60,900	bbl	See Appendix 3A4, 9P-4 & 12.10 RLOP
S-4253	TKC Plant	Bechtel	N/A		23,725,000	65,000	bbl	Implied per application #9666 '90 data form

## X. REVISION HISTORY

Final Title V Permit:	December 1, 2003
Administrative Amendment (no application) Change in effective date for NOx Box and Flare Monitoring	May 27, 2004
Administrative Amendment (Application 10324) Addition of NOx and O2 CEMs for S-4159 and S-4160	
Reopening EPA Review (Application # 9294): See Statement of Basis for details	December 16, 2004
Minor Revision (Application 9782): Change in throughput and vapor pressure limits for S-3202, Tank	December 16, 2004
Reopening (Application 11695):	April 12, 2005
Reopening (Applications, 12429, 12602, 13570 & 14308)	October 12, 2006
Reopening (Application 13024):	April 5, 2007
Minor Revision (Application 17171):	, 2008
<u>Change in the Responsible Official:</u>	
<u>Deletion of the annual throughput of S-4236 (No.4 Crude unit) in Table II.A.1.</u>	