



South Coast Air Quality Management District

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July 21, 2010

Mr. Mike Kulakowski
Environmental Manager
Tesoro Refining and Marketing Company
2101 East Pacific Coast Hwy
Wilmington, CA 90744

SUBJECT: Revised Final Title V Facility Permit for Tesoro Refining and Marketing Company,
Wilmington Refinery (Facility ID #800436)

Dear Mr. Kulakowski:

Please find attached the version of your Facility Permit for Tesoro Refinery located at 2101 East Pacific Coast Hwy, Wilmington. The attached revision includes the following sections:

- Title page (Revision #14)
- Table of contents (Revision #14)
- Section D (Revision #7)
- Section H (Revision #8)
- Section I (Revision #3)
- Section J (Revision #3)
- Section K (Revision #4)

The Facility Permit reflects the inclusion of the following applications approved for permits:

Section D (Permit to Construct & Operate)—Significant Revision

| Appl. No. | Description | Device | Process | System |
|-----------|---|--------|---------|--------|
| 509883 | Modify Storage Tank 80071 by replacing its fixed roof with internal floating roof and its category "A" primary and secondary seals. | D613 | 15 | 7 |

A draft permit for the changes to the storage tank was issued for EPA's 45-day review on May 21, 2010. A public notice was published in a newspaper on May 26, 2010. No comment was received from EPA or the public.

Please be advised that, pursuant to SCAQMD Rule 205, the Permit to Construct and Operate shall expire one year from the date of this letter unless an extension of time has been approved in writing by the Executive officer or the construction has been completed before the expiration date.

Section D, Permit-to- Operate (P/O)—De Minimis Significant Revision

| | A/N | Equipment | Device ID | Process | System | Permit Action |
|---|--------|------------------------------------|---------------|---------|--------|--|
| 1 | 469915 | Separator V-1507 and V-1508/V-1509 | D1668, D1669 | 4 | 5 | Added Separator V-1507 and V-1508/V-1509 to HTU#3. |
| 2 | 470283 | Catalytic Reforming Unit No. 2 | D1501, D1204, | 5 | 3 | Modification to meet RFG 3 requirements-PO |

A draft permit for the changes to the CRU No.2 and the addition of two separators was issued for EPA's 45-day review on March 9, 2010. No comment was received from EPA.

Section D, Permit-to- Operate (P/O)—Minor Revision

| | A/N | Equipment | Device ID | Process | System | Permit Action |
|---|--------|--------------|-------------|---------|--------|---|
| 1 | 470285 | CRU-2 Heater | D214 & D216 | 5 | 4 | Incorporated a new permit condition that requires automatic fuel shut off to the heaters whenever the SCR bypass stack dampers are opened pursuant to District Settlement Agreement. Also converted Permit to Construct to Permit to Operate for D216 burner modifications. |
| 2 | 470286 | CRU-2 Heater | D215 & D217 | 5 | 4 | Incorporated a new permit condition that requires automatic fuel shut off to the heaters whenever the SCR bypass stack dampers are opened pursuant to District Settlement Agreement. Also converted Permit to Construct to Permit to Operate for D217 burner modifications. |

A draft permit for the changes to the heaters was issued for EPA's 45-day review on May 21, 2010. No comment was received from EPA.

Section I, Plans and Schedules—Minor Revision

The revised Section I of the permit reflects inclusion of a Rule 1123—Refinery Process Turnarounds Compliance Plan, which has been approved under application A/N 474117. The proposed Rule 1123 compliance plan was issued for EPA's 45-day review on February 12, 2010. No comment was received from EPA. Questions concerning the plan should be directed to Ms. Meredith Hankins at (909) 396-2493.

Section D, Permit-to- Operate (P/O)—Administrative Revisions

In addition to permit amendments described above, the enclosed section D contains the following administrative changes:

| | A/N | Equipment | Device ID | Process | System | Permit Action |
|---|--------|------------------------|-----------|---------|--------|---|
| 1 | 470296 | Storage Tank No. 50000 | D1502 | 15 | 3 | Conversion of Permit to Construct to Permit to Operate for pressurized pentane storage tank constructed as part of RFG III project. |

| | A/N | Equipment | Device ID | Process | System | Permit Action |
|---|--------|-------------------------|---------------|---------|--------|--|
| 2 | 470298 | Storage Tank No. 125002 | D659 | 15 | 5 | Conversion of Permit to Construct to Permit to Operate for modification with geodesic dome cover to comply with R1178 and change of permit condition for tank throughput monitoring. |
| 3 | 470300 | Storage Tank No. 125003 | D660 | 15 | 5 | Conversion of Permit to Construct to Permit to Operate for modification with geodesic dome cover to comply with R1178. |
| 4 | 470301 | Storage Tank No. 1000 | D1533 | 15 | 6 | Conversion of Permit to Construct to Permit to Operate for Perchloroethylene tank constructed as part of RFG III project. |
| 5 | 498995 | Storage Tank No. 80036 | D585 | 15 | 1 | Issue Permit to Operate for storage tank 80036 as separate permit unit. |
| 6 | 498996 | Storage Tank No. 80091 | D631 | 15 | 1 | Issue Permit to Operate for storage tank 80091 as separate permit unit. |
| 7 | 449123 | Fume Scrubber System | C1638 & C1639 | 21 | 2 | Issue fume scrubber system to include drums C1638 & C1639 that were previously permitted in the command and control permit. |
| 8 | 470299 | Storage Tank No. 80210 | D649 | 15 | 5 | Conversion of Permit to Construct to Permit to Operate for domed tank no. 80210. |

Additionally, The District is reissued Section H of the permit to remove the P/Cs that were converted to P/Os. Also, Section J and K are reissued to update the reference to template tagging.

This Title V permit revision is covered under application A/N 509882. Please review the attached sections carefully. Insert the enclosed sections into your Title V Facility Permit and discard the earlier version. Questions concerning changes to your permit should be directed to Ms. Sawsan Andrawis at (909) 396-2607, Mr. Thomas Lee at (909) 396-3138 or Ms. Hannea Cox at (909) 396-3025.

Sincerely,

Jay Chen
Senior AQ Engineering Manager
Refinery and Waste Management Permitting
Engineering & Compliance

JC: TV: BC: SAA: TL: MH

Enclosure

cc: Gerardo C. Rios, U.S. EPA (via email to R9AirPermits_SC@epa.gov)
Edwin Pupka, Compliance, SCAQMD
Application Files
Central Permit File