



South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4178

(909) 396-2000 • <http://www.aqmd.gov>

NOTICE OF INTENT TO ISSUE TITLE V PERMITS “PERMITS-TO-CONSTRUCT” ACCORDING TO AQMD RULES 212 AND 3006

This notice is to inform you that the South Coast Air Quality Management District (AQMD) has received applications for Permits to Construct from Tesoro Refining and Marketing Company (Tesoro) to modify its petroleum refining facility for its Reliability Improvement and Regulatory Compliance Project in Wilmington, Los Angeles. The AQMD is the air pollution control agency for the four county-region including all of Orange County and non-desert portions of Los Angeles, Riverside and San Bernardino counties. Anyone wishing to install or modify equipment that could release or control air pollution within this region must first obtain a permit from the AQMD. This notice is being issued because the maximum potential emissions for the project exceed levels specified in Rule 212(g). Since this facility currently has a Title V permit, Rule 3006 also requires publication of a public notice prior to the issuance of a revision to their Title V permit.

The AQMD has evaluated the permit applications for the following equipment and has determined that the equipment will meet the requirements of all applicable air quality Rules and Regulations.

APPLICANT: Tesoro Refining and Marketing Company, Los Angeles Refinery

PROJECT LOCATION: 2101 East Pacific Coast Hwy.
Wilmington, CA 90744
Facility ID No: 800436

PROJECT DESCRIPTION: Construction of one new cogeneration system and associated air pollution control equipment listed in table below

Application No.	Equipment	Application for
484368	Cogeneration system C	New construction of a GE Frame 6 gas turbine, a heat recovery steam generator with supplemental duct firing and steam turbine generator to replace two existing cogeneration units
484369	SCR for Cogen C	New construction of a selective catalytic reduction (SCR) control equipment serving the new cogeneration system

Tesoro operates a petroleum refinery at the above location to produce gasoline, diesel and other products. The refinery has proposed the Reliability Improvement and Regulatory Compliance Project to improve reliability of refinery operation and to comply with regulatory requirements. The first three sets of permits for this project were issued in April 2009, October 2009 and March 2010, respectively. The applications listed above are for the installation of one new 61 MW cogeneration system and associated air pollution control equipment, that will replace two existing 30 MW cogenerations units (Cogens A and B) and their associated SCR units. One or more additional public notices may be published at a later date for the remaining part of the project, as appropriate.

The refinery will use the Best Available Control Technology (BACT) for controlling air pollution. Our calculations show that the new cogeneration unit will emit a daily maximum of 124 lbs of NOx, 63 lbs of SOx, 40 lbs of VOC, 158 lbs of PM10, and 93 lbs of CO. However, the new unit will replace the existing two cogeneration units and will result in decreases of all criteria pollutants as well as their associated toxic emissions.

The new cogeneration system will emit small quantities of some toxic compounds. The AQMD has evaluated the short term (acute) and long term (chronic) health impacts associated with the maximum potential emissions of toxic compounds from the equipment. Using worst case conditions, our evaluation shows that the chronic and acute health risks are both well below our rule's toxic threshold (below a hazard Index of 1). According to state health experts, a hazard index of one or less means that the surrounding community including the most sensitive individuals such as very young children and the elderly will not experience any adverse health impacts due to these emissions. In addition, the long term cancer risk due to emissions from this equipment complies with the AQMD risk thresholds.

The AQMD intends to revise the existing Title V permit for this facility which includes the permits to construct for above listed equipment. As required by Title V of the Federal Clean Air Act, the revised Title V permit includes all of the emission limits, applicable requirements and operating conditions imposed on the equipment. The facility is required to certify compliance with the Title V permit in addition to recordkeeping and mandatory reporting of any deviations from the permit conditions.

The air quality analysis and the proposed permit are available for public review during normal business hours at the AQMD's headquarters, 21865 Copley Drive, in Diamond Bar, CA. A copy of the draft permit can also be viewed at www.aqmd.gov/webappl/PublicNotices/Search.aspx by entering the facility ID number. Information regarding the facility's compliance history submitted to the AQMD pursuant to Health and Safety Code Section 42336, or otherwise known to the AQMD, based on credible information, is also available for public review at AQMD headquarters.

Anyone wishing to comment on the proposed issuance of the revised permits should submit their comments in writing no later than March 31, 2011. Written comments must be submitted to:

South Coast Air Quality Management District
Engineering and Compliance
21865 Copley Drive
Diamond Bar, California 91765-4178
Attention: Jay Chen, Senior AQ Engineering Manager

If you are primarily concerned with zoning decisions and the process by which this facility has been sited at this location, please contact your local city or county planning department. For additional information, or to review the supporting documents, please contact Ms. Sawsan Andrawis at (909) 396-2607, or at sandrawis@aqmd.gov.

The public may request the AQMD to conduct a public hearing on the proposed Title V permit by submitting a Hearing Request Form (Form 500-G) to Mr. Jay Chen at the above AQMD address. The public hearing request must contain all the information requested on the form in order for the AQMD to determine whether or not the request is valid or a public hearing will be held. The public hearing request forms may be obtained from the AQMD by calling the Title V hotline at (909) 396-3013, or downloading from the internet at <http://www.aqmd.gov/titlev>. **Any request for a public hearing must be submitted to the AQMD no later than March 16, 2011. A copy of the public hearing request must also be sent by first class mail to the facility contact person, Ms. Chailaiwan Mueller, Environmental Manager, Tesoro Refining and Marketing Co, 2101 East Pacific Coast Hwy, Wilmington, CA 90744 at the same time.**

For your general information, anyone experiencing air quality problems such as dust, smoke or odors can telephone in a complaint to the AQMD by calling 1-800-CUT-SMOG (1-800-288-7664).