



South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 • www.aqmd.gov

NOTICE OF INTENT TO ISSUE TITLE V PERMIT "PERMITS-TO-CONSTRUCT" AND "PERMITS-TO-OPERATE" ACCORDING TO SCAQMD RULE 3006

This notice is to inform you that the South Coast Air Quality Management District (SCAQMD) has received applications for Permits to Construct and Operate from Ultramar Inc. (Valero Wilmington Refinery) to modify its petroleum refining facility by implementing a refinery-wide process safety improvement project in the City of Wilmington. The SCAQMD 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 SCAQMD. Since the facility currently has a Title V permit, SCAQMD Rule 3006 requires publication of a public notice prior to the issuance of a significant revision to their Title V permit. This project consists of adding and replacing piping and pressure relief valves (PRVs) connecting certain equipment in various process units to the flare gas header system to ensure adequate relief protection in the event of an emergency overpressure scenario.

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: Ultramar Inc. (Valero Wilmington Refinery)
Facility ID #800026

PROJECT LOCATION: 2402 E. Anaheim Street
Wilmington, CA 90744

PROJECT DESCRIPTION: Modification of existing process units by adding or replacing piping and/or pressure relief valves to ensure adequate relief protection

The proposed project consists of 1) Adding new pressure relief valves (PRVs) and piping connecting to the flare gas header system; 2) Changing the size of existing PRVs connected to the flare gas header system; or 3) Changing the size of the inlet and/or discharge piping, or segment thereof, for an existing PRVs connected to the flare gas header system. The requested action and applications are as follows: Modify piping and/or pressure relief valve(s) (PRVs) for A/Ns 542026-Crude Unit 10, 542027-Crude Unit 11, 542028-Coker Unit 30, 542029-Coker Unit 31, 542030-Light Ends Recovery Unit 43, 542031-Light Ends Recovery Unit 44, 542032-Sour Water Stripping Unit 48, 542033-Naphtha Hydrotreating/Splitter Unit 56, 542034-Gas Oil Hydrodesulfurization Unit 58, 542035-Naphtha Hydrotreating Unit 60, 542036-Platformer Unit 70, 542038-Gas Oil Unibon Hydrotreating Unit 80 and Change of condition to specify the flares are subject to New Source Performance Standard (NSPS) Subpart Ja for A/Ns 530492- Flare, Phase 0, 530493- Flare, Phase I, 530494- Flare, Phase II, and 530497-Vapor Recovery System.

Ultramar Inc. operates a petroleum refinery at the above location to produce gasoline, diesel, and other petroleum related products. The refinery proposed modifications is to ensure that individual pieces of equipment have adequate relief protection in the event of an emergency overpressure scenario. The work is also being done to comply with California Code Title 8 "Clear Path Regulation", Subchapter 15,

Article 18, §6858 (Pressure-Relieving Devices) to create a clear relief path in case of an emergency, breakdown, or overpressuring.

The refinery will use the Best Available Control Technology (BACT) for controlling air emissions from this project. SCAQMD's calculations show that the emissions from the installation of new fugitive components will emit a daily maximum potential of 11 lbs of Volatile Organic Compounds (VOC).

The new fugitive components will emit small quantities of some toxic compounds. The SCAQMD 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 SCAQMD's toxic rule thresholds (below a hazard index of 1). According to the 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 SCAQMD risk thresholds.

The SCAQMD intends to revise the existing Facility Permit (Title V permit) for Ultramar (Valero Wilmington Refinery) which includes the permits to construct and operate for the 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 SCAQMD's headquarters, 21865 Copley Drive, in Diamond Bar, and at the Los Angeles Public Library, 1300 N. Avalon Blvd., Wilmington, CA 90744. A copy of the draft permit can be viewed at <http://www3.aqmd.gov/webappl/publicnotices2/> by entering the facility's ID number. Information regarding the facility owner's compliance history submitted to the SCAQMD pursuant to Health and Safety Code Section 42336, or otherwise known to the SCAQMD, based on credible information, is also available for public review at SCAQMD headquarters.

Anyone wishing to comment on the proposed issuance of the revised permits should submit their comments in writing postmarked no later than September 3, 2013. Written comments must be submitted to:

South Coast Air Quality Management District
Engineering and Compliance
21865 Copley Drive
Diamond Bar, CA 91765-4178
Attention: Mr. Danny Luong, Senior 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 air quality related documents, please contact Ms. Connie Yee at (909) 396-2619 or cye@aqmd.gov.

The public may request the SCAQMD to conduct a public hearing on the proposed Title V permit by submitting a Hearing Request Form (Form 500-G) to Mr. Danny Luong at the above SCAQMD address. The public hearing request must contain all the information requested on the form in order for the SCAQMD to determine whether or not the request is valid or a public hearing will be held. The public hearing forms may be obtained from the SCAQMD 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 SCAQMD in writing postmarked no later than August 20, 2013. A copy of the public hearing request must also be sent by first class mail to the facility contact person, Mr. Jason Lee, Health, Safety, and Environmental Director, Ultramar Inc., 2402 E. Anaheim Street, Wilmington, CA 90744 at the same time.

For your general information, anyone experiencing air quality problems such as dust or odors can telephone in a complaint to the SCAQMD by calling 1-800-CUT-SMOG (1-800-288-7664) or file a complaint online at http://www.aqmd.gov/complain/reporting_aq_problems.html.