



**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
“PERMIT TO CONSTRUCT” PURSUANT TO AQMD RULE 212**

This notice is to inform you that the South Coast Air Quality Management District (AQMD) has received applications from Chevron Products Company for augmentation of the design of new equipment that is under construction at their petroleum refining facility in the City of El Segundo. 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, operate or modify equipment that could release or control air pollution within this region must first obtain a permit from the AQMD. Rule 212 requires the applicant for certain projects to distribute a public notice prepared by the AQMD prior to the issuance of a permit. This notice is being issued because the maximum potential emissions for the project exceed notification levels specified in Rule 212(g).

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

APPLICANT: Chevron Products Company, El Segundo Refinery (Facility ID No: 800030)

APPLICATION NO.: 526607, 526608 and 526609

PROJECT LOCATION: 324 W El Segundo Blvd., El Segundo, CA 90245

PROJECT DESCRIPTION: Installation of five pressure relief valves (PRVs) in the fuel system for the Cogeneration Train D, which is currently under construction. The outlet of the PRVs will be connected to the Refinery Blowdown Gas Recovery System, which is coupled to the LSFO Flare.

Chevron Products Company operates a petroleum refinery at the above location to produce gasoline, diesel, and other products. As part of their Product Reliability and Optimization (PRO) Project, Chevron is currently constructing the Cogeneration Train D and associated air pollution control system (APCS). Permits to construct were issued for this cogeneration unit and APCS on October 26, 2010. The Cogeneration Train D turbine will combust natural gas and the duct burners will combust natural gas and/or refinery fuel gas. For safety purposes, Chevron will install four PRVs on the natural gas supply system and one PRV on the refinery fuel gas supply system for the cogeneration unit. As Best Available Control Technology (BACT) for controlling air pollution, the outlet of these PRVs will be connected to the Refinery Blowdown Gas Recovery System, which is coupled to the LSFO Flare. These PRVs are not included in the current permits to construct for the Cogeneration Train D, Refinery Blowdown Gas Recovery System and LSFO Flare. Therefore, new permits to construct that include these PRVs are proposed under the above listed applications.

According to our calculations, a maximum of 0.34 lb/day of volatile organic compounds (VOCs) will be emitted from the PRVs and associated equipment during normal operation. The PRVs and associated equipment will also 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 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 the toxic nature of these emissions. In addition, the long term cancer risk due to emissions from this equipment complies with the AQMD risk threshold.

The proposed permits and air quality analysis are available for public review at the AQMD's headquarters in Diamond Bar, and at the El Segundo Public Library, 111 West Mariposa Ave., El Segundo, CA 90245. A copy of the draft permit can also be viewed at www.aqmd.gov/webappl/PublicNotices/Search.aspx by entering the facility's 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 permits should submit their comments no later than May 4, 2012.** If you are concerned primarily about zoning decisions and the process by which this facility has been sited at this location, you should contact your local city or county planning department. Please submit comments related to air quality to Mr. Robert Sanford, Air Quality Engineer, Engineering and Compliance, South Coast Air Quality Management District, 21865 Copley Drive, Diamond Bar, California 91765-4182. For additional information, please contact Mr. Robert Sanford at (909) 396-2660.

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