



# 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 PERMITS 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 Phillips 66 Company, Carson Plant, to modify its refining facility by rerouting atmospheric pressure relief valves (PRVs) to vapor recovery systems. The SCAQMD is the air pollution control agency for all of Orange County and portions of Los Angeles, Riverside and San Bernardino Counties. Rule 3006 requires that the SCAQMD publish this notice prior to the revision of a Title V permit previously issued to the facility listed below:

### **Phillips 66 Company, LA Refinery, Carson Plant**

1520 East Sepulveda Blvd  
Carson, CA 90745  
Facility ID #171109

#### *Contact Person:*

Marshall Waller  
Environmental Superintendent

This is an existing facility applying for a significant permit revision for their Title V permit. The facility is a petroleum refinery proposing to modify the connections of twenty existing emergency PRVs and route them to vent to the existing flare gas recovery/flare system rather than venting directly to the atmosphere. The facility has also proposed to replace an existing flare knockout pot with a new, larger flare knockout pot.

The facility has submitted 10 permit applications. Seven applications are for equipment with one or more PRVs to connect to the flare gas recovery/flare system: AN 572721 for the Crude Distillation Unit, AN 572722 for the Vacuum Flash Unit, AN 572723 for the Delayed Coking Unit, AN 572724 for the Debutanizer Unit, AN 572719 for Storage Tank No. 2222, AN 572720 for Storage Tank no. V-3154 (D917), and AN 572852 for Storage Tank No. 2223. Three applications are for the Flare Gas Recovery System and the two flares: AN 568560 for the Flare Gas Recovery System, AN 572718 for the West Flare System, and AN 572747 for the East Flare System.

The SCAQMD has evaluated the above permit applications and has determined that the proposed modification will meet all applicable requirements of air quality rules and regulations. Because the proposed project will result in additional New Source Performance Standards (NSPS) requirements pursuant to 40CFR Part 60, the facility has submitted a Title V significant revision application and requested the SCAQMD to revise their Title V permit.

The refinery will use the Best Available Control Technology (BACT) for controlling air emissions from this project. SCAQMD's calculations show that the additional fugitive components added to the various permit units will result in 3 lb/day of additional VOC fugitive emissions.

The increase in VOC fugitive emissions includes an increase in emissions of Hazardous Air Pollutants (HAPs). The SCAQMD has evaluated the short term (acute) and long term (chronic) health impacts associated with the maximum potential emissions of HAPs from the equipment. Using worst-case conditions, our evaluation shows that the chronic and acute health risks are both well below the 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.

As required by Title V of the federal Clean Air Act, the Title V permits include all of the emission limits, applicable requirements and operating conditions imposed on the equipment. Title V facilities are required to certify compliance with the Title V permits in addition to recordkeeping and mandatory reporting of any deviation from the permit conditions.

The proposed permit is available for public review at the South Coast Air Quality Management District, 21865 Copley Drive, Diamond Bar, CA 91765, and at Los Angeles City Public Library, 1300 N. Avalon Blvd,

Wilmington, CA 90744. The proposed permit can also be viewed at <http://www3.aqmd.gov/webappl/publicnotices2/> by entering facility ID number 171109. Information regarding the facility owner's compliance history submitted to the SCAQMD pursuant to California Health & Safety Code, Section 42336, or otherwise known to the SCAQMD based on credible information, is also available from SCAQMD for public review. For more information or to review additional supporting documents, call Janice West at (909) 396-3763. **Anyone wishing to comment on the issuance of the proposed renewal permit should submit their comments in writing by June 4, 2015. Written comments should be submitted to:**

South Coast Air Quality Management District Engineering and Compliance  
21865 Copley Drive  
Diamond Bar, CA 91765-4178

Attention: Danny Luong, Senior Manager  
RECLAIM Admin, Refinery Permitting, Retail Gasoline Dispensing

The public may request SCAQMD to conduct a public hearing on the proposed permit by submitting a Hearing Request Form (Form 500-G) to 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 request 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/home/permits/title-v/public-notices-and-hearings>. **Any request for a public hearing must be submitted to the SCAQMD no later than May 20, 2015. A copy of the public hearing request must also be sent by first class mail to the facility contact person listed above 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 SCAQMD by calling 1-800-CUT-SMOG (1-800-288-7664).