



# 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 PERMITS PURSUANT TO AQMD RULES 212 AND 3006**

This notice is to inform you that the South Coast Air Quality Management District (SCAQMD) has received permit applications from the University of Southern California for the proposed installation of three emergency ic engines at the University Park facility in Los Angeles. SCAQMD has reviewed these applications and has determined that the equipment complies with all applicable federal, state and local air quality rules and regulations. Therefore, SCAQMD intends to issue Permits to Operate for the equipment and to revise the Title V permit for this facility. However, prior to issuance of the final Title V permit, SCAQMD is providing an opportunity for public comments on the SCAQMD's proposed decision.

The SCAQMD is the air pollution control agency for the four-county region including all of Orange County and non-desert parts of Los Angeles, Riverside and San Bernardino Counties. Anyone wishing to install or modify equipment that could control or be a source of air pollution within this region must first obtain a permit from the SCAQMD. Under certain circumstances, before a permit is granted, a public notice, such as this, is prepared by the SCAQMD. For this project, public notification is required in accordance with SCAQMD Rule 212 because the one of the emergency ic engines is located within 1,000 feet of a school and has the potential to emit air contaminants. Public notification is also required by SCAQMD Rule 3006 because there will be a significant revision to the facility's existing air quality Title V permit.

The SCAQMD has evaluated the permit applications listed below for the following facility and determined that the equipment meets or will meet all applicable federal, state and SCAQMD air quality rules and regulations as described below:

**FACILITY:** University of Southern California  
Facility ID No. 800265  
McClintock W 34<sup>th</sup> Childs Street  
Los Angeles, CA 90089

**CONTACT:** Angel Burgos  
USC University Park  
3434 S Grand Avenue CDF  
Los Angeles, CA 90089

### **SCAQMD APPLICATION NUMBERS**

Application Number	Equipment Description
545881	Emergency IC Engine, > 500 bhp
545882	Emergency IC Engine, < 500 bhp
548692	Emergency IC Engine, < 500 bhp

## **PROJECT DESCRIPTION**

University of Southern California is proposing to install three emergency ic engines which will be used to provide back-up power for the campus.

## **PROJECTED EMISSIONS**

Each of the emergency ic engines is allowed to operate for up to 200 hours per year. The emissions from each of the emergency ic engines are shown in the following tables. Generally, the amounts will be less as most emergency ic engines do not operate at their maximum potential. The engine operation will emit small quantities of some toxic compounds. The SCAQMD has evaluated the long term (chronic) health impacts associated with the maximum potential emissions. Using worst case conditions, our evaluation shows that the chronic health risk is 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 from these emissions is below the SCAQMD risk threshold of one in a million.

Emergency IC Engine, 1,213 bhp

Pollutant	Maximum Potential Monthly Emissions (pounds per day)
Nitrogen Oxides (NO <sub>x</sub> )	1.48
Carbon Monoxide (CO)	0.36
Volatile Organic Compounds (VOC)	0.04
Particulate Matter (diameter less than 10 microns, PM <sub>10</sub> and diameter less than 2.5 microns, PM <sub>2.5</sub> )	0.002
Sulfur Dioxide (SO <sub>2</sub> )	0.00067

Emergency IC Engine, 324 bhp

Pollutant	Maximum Potential Monthly Emissions (pounds per day)
Nitrogen Oxides (NO <sub>x</sub> )	0.27
Carbon Monoxide (CO)	0.07
Volatile Organic Compounds (VOC)	0
Particulate Matter (diameter less than 10 microns, PM <sub>10</sub> and diameter less than 2.5 microns, PM <sub>2.5</sub> )	0
Sulfur Dioxide (SO <sub>2</sub> )	0

Emergency IC Engine, 463 bhp

Pollutant	Maximum Potential Monthly Emissions (pounds per day)
Nitrogen Oxides (NO <sub>x</sub> )	0.39
Carbon Monoxide (CO)	0.03
Volatile Organic Compounds (VOC)	0
Particulate Matter (diameter less than 10 microns, PM <sub>10</sub> and diameter less than 2.5 microns, PM <sub>2.5</sub> )	0
Sulfur Dioxide (SO <sub>2</sub> )	0

Based on the result of our analysis and evaluation, the SCAQMD has determined that the emergency ic engines will comply with all applicable federal, state and SCAQMD air quality rules and regulations and, therefore, SCAQMD intends to issue the Permits to Operate for the equipment described above. However, prior to issuance of a final permit, SCAQMD is providing an opportunity for a 30-day public comment period and an Environmental Protection Agency (EPA) review period. SCAQMD will consider issuance of the final permit only after all pertinent public and EPA comments, if any, have been received and considered.

This facility is classified as a federal Title V facility. **Pursuant to SCAQMD Rule 3006 – Public Participation, any person may request a proposed permit hearing on an application for an initial or significant revision to a Title V permit by filing with the Executive Officer a complete Hearing Request Form (Form 500G) for a proposed hearing within 15 days of the date of publication of this notice.** This form is available on the SCAQMD website at <http://www.aqmd.gov/permit/Formspdf/TitleV/AQMDForm500-G.pdf>, or alternatively, the form can be made available by contacting Mr. Kenneth L. Coats at the e-mail and telephone number listed below. In order for a request for a public hearing to be valid, the request shall comply with the requirements of SCAQMD Rule 3006 (a)(1)(F). On or before the date the request is filed, the person requesting a proposed permit hearing must also send by first class mail a copy of the request to the facility address and contact person listed above.

The proposed permits and other information are available for public review at the SCAQMD's headquarters in Diamond Bar. Additional information including the facility owner's compliance history submitted to the SCAQMD pursuant to Section 42336, or otherwise known to the SCAQMD, based on credible information, is available at the SCAQMD for public review by contacting Mr. Kenneth L. Coats ([kcoats@aqmd.gov](mailto:kcoats@aqmd.gov)), Engineering and Compliance, South Coast Air Quality Management District, 21865 Copley Drive, Diamond Bar, CA 91865-4182, (909) 396-2527. A copy of the draft Permits to Construct/Operate can also be viewed at <http://www.aqmd.gov/webappl/PublicNotices/Search.aspx>. Anyone wishing to comment on the air quality elements of the permits must submit comments in writing to the SCAQMD at the above address, attention Mr. Kenneth L. Coats. **Comments must be received within 30 days of the publication date of this notice.** If you are concerned primarily about zoning decisions and the process by which the facility has been sited in this location, contact your local city or county planning department. For your general information, anyone experiencing air quality problems such as dust or odor can telephone in a complaint to the SCAQMD 24 hours a day by calling the toll free 1-800-CUT-SMOG (1-800-288-7664).