



# 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 PURSUANT TO SCAQMD RULES 212 AND 3006

This notice is to inform you that the South Coast Air Quality Management District (SCAQMD) has received permit applications for permit to construct/operate from University of Southern California for the proposed installation of three emergency internal combustion engines and two natural gas fired boilers. SCAQMD has reviewed and evaluated the applications and determined that the project complies with all applicable federal, state, and local air quality rules and regulations. Therefore, SCAQMD intends to issue a Title V permit at the end of the 30-day public and 45-day U.S. Environmental Protection Agency (EPA) review and comment period and after all pertinent comments have been considered.

The SCAQMD is the air pollution control agency for the four county-region including Orange County and 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 (c)(1) because the project is located within 1,000 feet from Dr. Theodore T Alexander, Jr Science Center School, 337 S. Figueroa St., Los Angeles and 32<sup>nd</sup> St. Elementary School, 822 West 32<sup>nd</sup> St., Los Angeles, CA. Public notification is also required by SCAQMD Rule 3006(a) because there will be a significant revision to the facility's existing air quality Title V permit.

**FACILITY:** University of Southern California, University Park Campus  
McClintock W. 34<sup>th</sup> Childs Street  
Los Angeles, CA 90089  
Facility ID#: 800265

**CONTACT:** Mr. John Welsh, Associate Vice-President, FM  
University of Southern California  
3434 South Grand Ave., CDF  
Los Angeles, CA 90089-3161

### **SCAQMD APPLICATION NUMBERS**

Application Number	Equipment Description
571982	Internal Combustion Engine driving an emergency electrical generator
571961	Internal Combustion Engine driving an emergency electrical generator
571963	Internal Combustion Engine driving an emergency electrical generator
571958	Natural Gas Fired Boiler
571960	Natural Gas Fired Boiler
571957	Title V Significant Permit Revision Application

### **PROJECT DESCRIPTION**

University of Southern California operates a college campus at this location. The engines will drive emergency electrical generators. The engines will be tested on a weekly basis for a maximum of one hour. The boilers will provide hot water and space heating.

## **PROJECTED EMISSIONS**

During normal operation, the total potential maximum emissions of criteria pollutants from the operation of the new engines and boilers are not expected to exceed the emission levels in the table below. Generally, the amount will be less as most emergency generator engines and boilers do not operate at their maximum potential.

## **MAXIMUM PROJECT EMISSIONS**

Pollutant	Maximum Potential Emissions (pounds)		
	Daily	Monthly	Annual
Nitrogen Oxides (NO <sub>x</sub> )	5.79	173	2141
Carbon Monoxide (CO)	18.89	567	6898
Volatile Organic Compounds (VOC)	1.30	39	472
Particulate Matter (diameter less than 10 microns, PM <sub>10</sub> )	1.74	4	51
Sulfur Oxides (SO <sub>x</sub> )	0.14	52	637

The engines operations 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. Therefore, a health risk assessment was performed for this project. The health risk assessment uses some health protective assumptions in estimating actual risk to an individual person. The evaluation shows that the Maximum Individual Cancer Risk (MICR) increase from each of the proposed emergency combustion engines and boilers is less than one-in-a-million. Also, acute and chronic hazard indices (HIA and HIC, respectively), which measure non-cancer health impacts, are less than the threshold of one for each piece of equipment.

This is an existing facility applying for a significant revision for their Title V permit. The new emergency engines are subject to New Source Performance Standards (NSPS) 40 CFR 60 Subpart IIII and National Emission Standards for Hazardous Air Pollutants (NESHAP) 40 CFR 63 Subpart ZZZZ. Pursuant to Title V of the federal Clean Air Act and SCAQMD Rule 3000(b)(31)(I), a facility with a Title V permit that proposes to install new equipment subject to a NSPS or NESHAP is considered a significant revision. Accordingly, the above facility has submitted a Title V significant revision application and requested the SCAQMD to revise their Title V permit. The proposed permit incorporates the addition of the new emergency engines and boilers.

**Based on the result of our detailed analysis and evaluation, the SCAQMD has determined the project complies with all applicable federal, state, and SCAQMD air quality rules and regulations and therefore, SCAQMD intends to issue the Permits to Construct/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 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.**

The facility is a Federal Title V facility. Pursuant to SCAQMD Title V Permits Rule 3006 –Public Participation, any person may request a proposed permit hearing on an application for an Initial Title V, a Permit Renewal or significant permit revision by submitting a complete Hearing Request Form (Form 500-G) to Andrew Lee at the above SCAQMD address. This form is available on the SCAQMD website at <http://www.aqmd.gov/docs/default-source/grants/500-g-form.pdf?sfvrsn> or by calling the Title V hotline at (909) 396-3013 . The SCAQMD will hold a public hearing if there is evidence that the proposed permit is not correct or is not adequate to ensure compliance with regulatory requirements, and a hearing will likely provide additional information that will affect the drafting and/or issuance of the permit. The request for a public hearing is due by November 10, 2015. On or before the date the request is filed, the person requesting a proposed permit hearing must also send by first class a copy of the request to the facility address and contact person listed below.

The proposed permits and other information are available for public review at the SCAQMD's headquarters in Diamond Bar, and at the Los Angeles Central Library, 630 W. 5<sup>th</sup> Street, Los Angeles, CA. 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. For more information or to review additional supporting documents, call the SCAQMD's Title V hotline at (909) 396-3013. A copy of the draft Permit can also be viewed at <http://www3.aqmd.gov/webappl/PublicNotices2/search.aspx> by entering Company ID 800265 followed by the Search Button. Written comments should be submitted:

South Coast Air Quality Management District  
Energy/Public Services/Waste Mgmt/Terminals  
Engineering & Compliance Team  
21865 Copley Drive  
Diamond Bar, CA 91765  
Attention: Roy Olivares

**Comments must be received by November 25, 2015.** The SCAQMD will consider all public comments and may revise the Title V permit in accordance with SCAQMD rules and regulations. Questions regarding zoning decisions and the process by which the facility has been cited in this location should be directed to the local city or county planning department. For additional information, please call Mr. Roy Olivares at 909-396-2208. 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 1-800-CUT-SMOG (1-800-288-7664).