

## NOTICE OF PRELIMINARY DETERMINATION

NOTICE IS HEREBY GIVEN THAT the Southern California Gas Company (SCG), South Needles Compressor Station, located on Hwy 95, 11 miles South of Needles, CA 92363. Is proposing to replace their existing IC ENGINE, EMERGENCY SPARK-IGNITED (SI), AUXILIARY air compressor with a new air compressor. Specifically, the existing 83 horsepower (hp) natural gas fueled internal combustion engine powering an air compressor (District Permit E009234) will be replaced with a new 276 hp natural gas fueled internal combustion engine powering an air compressor. The proposed spark ignition rich-burn turbocharged and aftercooled engine is a Caterpillar model G3406 and will be equipped with a control device that includes a non-selective catalytic reduction (NSCR) system, and an associated Air Fuel Ratio Control System. The proposed new engine will be a new emission source at an existing Major Source facility. The applicant has proposed that the engine be permitted for 100 hours for testing and maintenance purposes. Therefore, the engines emissions must be fully offset based on a potential operational schedule of 100 hours per year; emergency use is not limited. Since the engine is to be located at an existing Major Source, the applicant has proposed that the emissions be offset through the partial use of Emission Reduction Credits (ERCs) that are wholly owned by the SCG Company documented as Class A Emission Reduction Credits, further documented as Certificate Number 0083. These emission credits will be used to offset ALL emissions types for which the facility is a Major Source of, namely NO<sub>x</sub>, VOCs, and PM<sub>10</sub>. NO<sub>x</sub> will be used to offset PM<sub>10</sub> at an interpollutant ratio of 2:1, NO<sub>x</sub> for PM<sub>10</sub>. CO will not be offset as the District is in attainment for this Air Pollutant. Additionally, and since the facility is an existing Major Source for NO<sub>x</sub>, CO, VOCs, and PM<sub>10</sub>, the engine will be equipped with Best Available Control Technology (BACT). As such, the engine shall be equipped with a Non-Selective Catalytic Reduction (NSCR) and Air Fuel Controller, in order to achieve the maximum emission reductions for this class and category of device.

Concurrently, the applicant has submitted a Title V Permit modification application for their Federal Operating Permit (3100068) pursuant to the provisions of the Mojave Desert Air Quality Management District (MDAQMD) Regulation XII. The proposed facility changes require the MDAQMD to perform a thorough New Source Review (NSR), pursuant to District regulation XIII.

The MDAQMD has reviewed the proposal, analyzed the emissions and control equipment associated with the new equipment and determined that the modified facility will continue to operate in compliance with all District, State, and Federal requirements once the modification is complete.

Since the engine is also a source of Toxic Air Contaminants, a Health Risk Analysis was conducted, and it has been concluded that the Health Risks associated with the modified facility operations will be acceptable per the 2016 OEHHA Guidelines.

**REQUEST FOR COMMENTS:** Interested persons are invited to submit written comments and/or other documents regarding the terms and conditions of the proposed NSR modification, and the associated Federal Operating Permit. If you submit written comments, you may also request a public hearing on the NSR action and proposed modification to the Federal Operating Permit. To be considered, comments, documents and requests for public hearing must be submitted no later than 4:00 P.M. on July 15, 2019, to the MDAQMD, at the address listed below.

**PETITION FOR REVIEW:** The NSR action and Draft Federal Operating Permit are subject to review and approval by USEPA and the CARB. If the USEPA and CARB do not object to the proposed permit and Statement of Legal and Factual Basis, and the MDAQMD has not addressed a public comment in a satisfactory manner, the public may petition USEPA, Region IX, Operation Permits Section at 75 Hawthorne Street, San Francisco, CA 94105 within 60 days after the end of the USEPA review period for USEPA to reconsider its decision not to object to the permit. **AVAILABILITY OF DOCUMENTS:** The proposed Federal Operating Permit, as well as the application and other supporting documentation are available for review at the MDAQMD offices, 14306 Park Avenue, Victorville, CA 92392. In addition, these documents are available on the MDAQMD website and can be viewed at following link: <http://www.mdaqmd.ca.gov/permitting/public-notices-advisories/public-notices-permitting-regulatedindustry>. Please contact Samuel J Oktay, PE, Air Quality Engineer II, at the address above, or (760) 245-1661, extension 1610, or at [soktay@mdaqmd.ca.gov](mailto:soktay@mdaqmd.ca.gov) with additional questions pertaining to this action and/or corresponding documents. \*Traducción en español esta disponible por solicitud. Por favor llame: (760) 245-1661 x1610\*