



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 "PERMITS TO CONSTRUCT" PURSUANT TO RULE 212

This notice is to inform you that the South Coast Air Quality Management District (AQMD) has received ten applications for Permits to Construct to install a new regenerative thermal oxidizer (RTO) which will control emissions from two existing spray booths and two existing ovens, and change permit conditions on three spray booths, three ovens and one open spray system at a location in your neighborhood. The AQMD is the air pollution control agency for all of Orange County and portions of Los Angeles, Riverside and San Bernardino Counties. Anyone wishing to operate, install or modify equipment that could be a source of air pollution within this region must first obtain permits from the AQMD. Rule 212 requires the applicant for certain projects to distribute and publish a public notice prepared by the AQMD prior to the issuance of a permit. This notice is being distributed because of the level of emissions.

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

APPLICANT: REGAL CULTURED MARBLE (ID 136173)
APPLICATION NOS.: 503254, 512870-878
LOCATION: 1239 & 1275 E. FRANKLIN AVENUE
POMONA, CA 1766
PROJECT DESCRIPTION: INSTALLATION OF A REGENERATIVE THERMAL OXIDIZER (RTO) TO VENT TWO EXISTING SPRAY BOOTHS AND TWO EXISTING OVENS, AND CHANGE OF PERMIT CONDITIONS ON THREE SPRAY BOOTHS, THREE OVENS AND ONE OPEN SPRAY SYSTEM

Regal Cultured Marble is in the business of manufacturing custom bathroom fixtures such as sinks, countertops, and shower pans. Gelcoat is sprayed on molds in the spray booths and cured in ovens. Resin is subsequently applied to the gelcoated molds to form the different products. Gelcoat is a coating which contains some Volatile Organic Compounds (VOC) that evaporate into the air during the coating and drying process. This project involves the installation of a regenerative thermal oxidizer (RTO) to reduce the VOC emissions by at least 90% from two of the spray booths and two of the ovens. The RTO will also be equipped with a low NOx burner to minimize emissions of oxides of nitrogen (NOx) from the combustion of natural gas in the start-up burner. The facility currently operates under individual and group VOC emission caps and resin and gelcoat usage limits. The change of permit conditions on the remaining existing equipment is to combine and replace these individual and group limits with an equivalent facility-wide VOC emission cap for all operations of 6657 pounds of VOC per calendar month (approximately 222 pounds per day). There will be no increase in the potential VOC emissions from this facility as a result of this project. Our calculations show that less than 1 pound per day of oxides of nitrogen and carbon monoxide could also be emitted into the air from the new RTO from the combustion of natural gas in the burner. Generally, the emissions will be much less as

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most facilities do not operate at their maximum potential. But even at the maximum amount, this project complies with all aspects of the AQMD's air pollution control requirements, including Best Available Control Technology.

The manufacturing operation and combustion of natural gas in the RTO will 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 from this facility. Using worst case conditions, our evaluation shows that the chronic and acute health risks are both 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 the combustion emissions from the proposed RTO is far below the AQMD risk threshold of one in a million.

The air quality analysis of this project is available for public review at the AQMD's headquarters in Diamond Bar, and at the Pomona Public Library, 625 South Garey Avenue, Pomona, CA 91766. Copies of the draft permits can be viewed at

www.aqmd.gov/webappl/PublicNotices/Search.aspx by entering the company's name.

Information regarding the facility owner's compliance history submitted to the AQMD pursuant to California Health & Safety Code Section 42336, or otherwise known to AQMD, based on credible information, is also available from the AQMD for public review. Anyone wishing to comment on the proposed issuance of these permits should submit their comments in writing by September 18, 2010. 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. Todd Iwata, Air Quality Engineer, Coating, Printing, Aerospace & Metal Finishing Operations, Engineering and Compliance, South Coast Air Quality Management District, 21865 Copley Drive, Diamond Bar, California 91765-4178. For additional information, please call Mr. Todd Iwata at (909) 396-2574.

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