



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 and OPERATE" PURSUANT TO RULE 212

This notice is to inform you that the South Coast Air Quality Management District (AQMD) has received four applications for Permit to Construct and Operate to install a flexographic heatset printing press and change permit conditions on three existing lithographic printing presses 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: GRAPHIC PACKAGING INTERNATIONAL, INC.
(CO. ID 157259)

APPLICATION NOS.: 521382, 521762, 521763 & 521764

LOCATION: 1600 BARRANCA PARKWAY, IRVINE, CA 92606

PROJECT DESCRIPTION: INSTALL AND OPERATE ONE FLEXOGRAPHIC HEATSET PRINTING PRESS & CHANGE PERMIT CONDITIONS ON THREE EXISTING LITHOGRAPHIC PRINTING PRESSES

This company produces packaging boxes for various commercial products. The inks and other solutions used in the printing process contain some Volatile Organic Compounds (VOC) that evaporate into the air during the printing and cleaning operations. The facility currently operates four lithographic printing presses at this location under a facility-wide emission limit of 2165 pounds of VOC per day. The company is proposing to install a new flexographic heatset printing press and change permit conditions on three of the lithographic printing presses which will all operate under the existing facility-wide VOC emission cap so there will be no increase in the potential VOC emissions from this facility. There will be no emission increase from the change of permit conditions on the lithographic printing presses. Our calculations show that a maximum of 1000 pounds of VOC per day could be emitted into the air from the new flexographic printing press. In addition, our calculations show that a maximum of 1 pound per day of oxides of nitrogen (NOx) and 1 pound per day of carbon monoxide (CO) could be emitted into the air from the combustion of natural gas in the flexographic printing press dryer. Generally, the amount will be less as 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 flexographic printing and drying operation emits small quantities of a toxic compounds. The AQMD has evaluated the short term (acute) and long term (chronic) health impacts

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associated with the maximum potential emissions from the flexographic printing operation. 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 these emissions is 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 Orange County Public Library, 1501 E. Saint Andrew Place, Santa Ana, CA 92705. 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 June 9, 2011. 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 Mrs. Wilma Wilson, Air Quality Engineer, Coating, Printing, Plating, Military & Entertainment Operations, Engineering and Compliance, South Coast Air Quality Management District, 21865 Copley Drive, Diamond Bar, California 91765-4178. For additional information, please call Mrs. Wilma Wilson at (909) 396-2444.

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).

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