

Illinois Environmental Protection Agency  
Bureau of Air, Permit Section  
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Project Summary for an Application from  
Custom Graphics, Inc. for a  
Federally Enforceable State Operating Permit (FESOP)  
Renewal for  
6100 S. W. Washington  
Bartonville, IL 61607

Site Identification No.: 143005ABA  
Application No.: 96070013

Illinois EPA Contacts

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**I. INTRODUCTION**

Custom Graphics, Inc. has applied for a renewal of their Federally Enforceable State Operating Permit (FESOP) for its commercial flexographic printing plant at 6100 S. W. Washington in Bartonville. This plant requires an air pollution control operating permit because it is a source of emissions. The Illinois EPA has prepared a draft of the permit that it would propose to issue for the plant. However, before issuing the permit, the Illinois EPA is holding a public comment period to receive comments on this proposed action and the terms and conditions of the draft permit that it would propose to issue. This application is for a FESOP renewal.

**II. SOURCE DESCRIPTION**

Custom Graphics, Inc. operates a flexographic printing plant in Bartonville, Illinois. Various printed materials are printed on paper substrate. A printing facility uses ink, solvents, and chemical solutions in various printing presses to produce customer specific graphic arts. Printing may be performed on various coated or uncoated paper stock. All printing presses have in common the application of solvent based inks and chemical solutions to the surface of moving material and the evaporation of the solvent exhausted from the system.

The emissions of volatile organic material (VOM) result from the use of flexographic printing-related materials and coating materials such as inks, coatings and cleaning solvents. These materials contain organic solvents which are emitted to the atmosphere during their use.

**III. GENERAL DISCUSSION**

Federally Enforceable State Operating Permits (FESOPs) are federally enforceable, that is, the terms and conditions of the permits can be enforced by USEPA under federal law, as well as by Illinois government and the public under state law. These permits can establish federally enforceable limitations on the operation and emissions of a source that restrict the potential emissions of the source.

The source has applied for a FESOP because the actual emissions of the plant are below the levels at which the plant would be considered a major source under Title V of the federal Clean Air Act. However, in the absence of federally enforceable limitations, the plant's potential emissions would be such that the plant would be considered a major source. The permit acts to restrict the plant potential emissions so that it need not be considered a major source. As a result, the source does not need not obtain a Clean Air Act Permit Program (CAAPP) permit for the plant, as would otherwise be required.

The FESOP limits the operation and annual emissions of the plant to below the major-source-thresholds of 100 tons for VOM, 10 tons for an individual HAP and 25 tons for combined HAPs.

**IV. APPLICABLE EMISSION STANDARDS**

All emission units in Illinois must comply with state emission standards adopted by the Illinois Pollution Control Board. These emission standards represent the basic requirements for sources in Illinois. The printing operation at Custom Graphics, Inc. is regulated by 35 Ill. Adm. Code 215.301. This regulation requires no person shall cause or allow the discharge of more than 8 pounds of organic material into the atmosphere from any emission unit. The application shows that the plant is in compliance with applicable state (AND FEDERAL) emission standards.

**V. CONTENTS OF THE PERMIT**

This permit that the Illinois EPA is proposing, will identify the specific emission standards that apply to the emission units at the plant. The conditions of this permit are intended to ensure that the source continues to comply with applicable emission standards.

The permit would also contain limitations and requirements to assure that this plant is operated as a non-major source. The permit would limit the operation and annual emissions of the plant to below the major-source-thresholds of 100 tons for VOM, 10 tons for an individual HAP and 25 tons for combined HAPs. (Annual emissions of other pollutants from the plant are well below the 100 ton major source threshold.)

The permit conditions would also require appropriate compliance procedures, including inspection practices as well as recordkeeping and reporting requirements. The source must carry out these procedures on an on-going basis to demonstrate that the plant is being operated within the limitations set by the permit and that the plant's emissions are being properly controlled.

**VI. REQUEST FOR COMMENTS**

It is the Illinois EPA's preliminary determination that the source has met the requirements for issuance of its permit. The Illinois EPA is therefore proposing to issue the permit.

Comments are requested on this proposed action by the Illinois EPA and the proposed conditions on the draft permit. If substantial public interest is shown in this matter, the Illinois EPA will consider holding a public hearing in accordance with 35 IAC Part 166.