

Illinois Environmental Protection Agency  
Bureau of Air, Permit Section  
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Project Summary for an Application from  
EVAPCO, Inc. for a  
Construction Permit for  
701 East Jordan  
Newton, Illinois

Site Identification No.: 079010AAX  
Application No.: 07080029

Schedule

Public Comment Period Begins: October 13, 2007  
Public Comment Period Closes: November 12, 2007

Illinois EPA Contacts

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**I. INTRODUCTION**

EVAPCO, Inc. has applied for a Construction Permit for Plant to be located at Newton, Illinois. 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 renewed 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.

**II. SOURCE DESCRIPTION**

EVAPCO, Inc. is a facility that manufactures pultrusion components used in heat transfer products. The emission units at this plant that require an operating permit include pultrusion machines. These units are sources of emissions because the formulated resin used as a raw material contains hazardous air pollutant (HAP) which is emitted to the atmosphere during the pultrusion process.

**III. GENERAL DISCUSSION**

After construction and testing this facility is to apply for a Federally Enforceable State Operating Permit (FESOP). Federally Enforceable State Operating Permits 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 is to operate this plant under the proposed Construction Permit then apply 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 and 100 tons for PM, 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. There are specific regulations for testing of air pollution control equipment for both VOM and PM. This permit requires compliance with these regulations.

**V. CONTENTS OF THE PERMIT**

The Construction permit that the Illinois EPA is proposing to issue would identify the specific emission standards that apply to the emission units at the plant. As explained, the VOM is subject to 35 Ill. Adm. Code 212.321 and 215.301 , which requires limit PM to production rates, and VOM to 8 lbs/hour. The conditions of this permit are intended to ensure that the source comply with applicable emission standards. The Construction Permit also contains regulation 35 Ill. Adm. Code 201.282 which has requirements for testing of air pollution control equipment.

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 and PM, 10 tons for an individual HAP and 25 tons for combined HAPs.

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 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 renewal of its permit. The Illinois EPA is therefore proposing to renew 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.