

Illinois Environmental Protection Agency
Bureau of Air, Permit Section
1021 N. Grand Avenue East
P.O. Box 19506
Springfield, Illinois 62794-9506

Project Summary for an Application from
Apollo Plastic for a Federally Enforceable State Operating Permit (FESOP) for
A coating operation of molded plastic parts at the facility located
at 5333 North Elston Avenue, Chicago, Cook County,
Illinois 60630

Site Identification No.: 031600FMK
Application No.: 06090078

Schedule

Public Comment Period Begins: February 26, 2009
Public Comment Period Closes: March 28, 2009

Illinois EPA Contacts

Permit Analyst: German Barria
Community Relations Coordinator: Brad Frost

I. INTRODUCTION

Apollo Plastics applied for a Federally Enforceable State Operating Permit (FESOP) for a coating operation to coat molded plastic parts. This operation consists of the following emission units and or air pollution control equipment at their facility located at 5333 North Elston Avenue, Chicago, Cook County, Illinois 60630: Three coating lines and one recip booth all controlled by a regenerative thermal oxidizer (RTO), twelve pad printers, twenty-six injection molding machines, and one parts washer. This facility requires an air pollution control operating permit because it is a source of emissions. The Illinois EPA has prepared a draft permit that it would propose to issue for this facility. However, before the permit can be issue, 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

Apollo Plastics is a manufacturer of coats molded plastic parts for automotive use. Apollo Plastics manufacturing operation consist of assembly, machining, coating, painting, laser etching, hot stamping, pad printing, silk screening, chemical and mechanical bonding parts.

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.

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

The FESOP limits the operation and annual emissions of the facility 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 board has standards for sources of Volatile Organic Material (VOM, Nitrogen oxides (NOx), Particulate Matter (PM10), and Carbon Monoxide (CO) emission. The application shows that the facility meets compliance with applicable state and federal emission standards.

V. CONTENTS OF THE PERMIT

The permit that the Illinois EPA is proposing to issue would continue to identify specific emission standards that apply to the emission units at the facility. 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 facility is operated as a non-major source. The permit would limit the operation and annual emissions of the facility 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 continue to 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 facility is being operated within the limitations set by the permit and the facility'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 this 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.