

PROJECT SUMMARY

I. Introduction

An application has been voluntarily submitted by Illinois Tool Works - Fastex to modify their current state operating permit for their metal stamping and molded plastic fasteners and parts plant in order to voluntarily incorporate federally enforceable limits. These limits would prevent the facility from being a major source of emissions so that an operating permit does not have to be obtained under the Clean Air Act Permit Program.

The proposed limits would be accompanied by recordkeeping and reporting requirements to assure that the facility is operated as a non-major source. Unlike the site's current operating permits, these conditions would be enforceable by both the State of Illinois and USEPA.

II. Source Description

Illinois Tool Works performs metal parts stamping and plastic parts molding operations. Between operations the metal parts are cleaned with organic solvents.

III. Emissions

The principal air contaminant emitted from the facility is Volatile Organic Material (VOM). Main source of VOM emissions are metal stamping presses using volatile lubricating oil. Plastic molding machines release small amount of VOM from heated plastic resins. Solvent cleaning also results in organic solvents evaporation.

IV. Applicable Emission Standards

All emission sources in Illinois must comply with the Illinois Pollution Control Board's emission standards. The Board's emission standards represent the basic requirements for sources in Illinois. The Board has standards for sources of particulate matter and volatile organic materials. This site readily complies with all applicable Board standards.

V. Proposed Permit

The conditions of the proposed permit contain limitations and requirements to assure that this facility will be operated as a non-major source. The permit sets limitations on paint usage and its VOM content. These limitations are consistent with the historical operation and capacity of the facility.

The permit conditions also establish appropriate compliance procedures, including inspection practices, recordkeeping requirements, and reporting requirements. The Permittee must carry out these procedures on an on-going basis to demonstrate that the facility is operating within the limitations set by the permit and are properly controlling emissions.

VI. Request for Comments

It is the Illinois EPA's preliminary determination that the facility meets all applicable state and federal air pollution control requirements, subject to the conditions proposed in the draft permit. The Illinois EPA is therefore proposing to issue a permit with federally enforceable limits for this operation.

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 Ill. Adm. Code Part 166.