

Project Summary - Allied Tube and Conduit, Harvey

I. Introduction

Allied Tube and Conduit has submitted an application for a permit to construct a new mill at its plant in Harvey, Illinois. Because the mill is a source of emissions, a construction is required for this project.

The Illinois EPA has prepared a draft of the construction permit that it proposes to issue for this project. However, before issuing these permits, the Illinois EPA is holding a public comment period with hearing to receive written comments on the proposed issuance of these permits and the terms and conditions of the draft permits.

II. Project Description

Allied Tube and Conduit manufactures galvanized tube and conduit at its Harvey facility. The new mill, the Floform line, would be similar to the existing mills at the faculty but would manufacture galvanized angular products, such as angle iron rather than tubular products.

The principle air pollutant emitted from the new Floform line would be Volatile Organic Material (VOM) from the coatings or paints applied to the steel products to protect them from rust and corrosion. The potential emissions of VOM from the project are 38.85 tons per year. The new line would also have the potential to emit other pollutants, including Particulate Matter (PM), Nitrogen Oxides (NOx) and Carbon Monoxide (CO) in much smaller amounts.

III. Applicable Emission Standards

All emission sources in Illinois must comply with the State emission standards adopted by the Pollution Control Board's. State emission standards represent the basic requirements for sources in Illinois. The application shows that Floform line would comply with applicable standards. In particular, the line would use compliant coatings, whose VOM content complies with applicable standards.

Allied Tube's existing Harvey facility is a major source of emissions for hazardous air pollutants (HAPS). Accordingly the Flowform line would be subject to a National Emission Standard (NESHAP for Hazardous Air Pollutants for Miscellaneous Metal Parts and Products. The facility would continue to comply with the NESHAP by use of compliant coatings, whose HAP content meets the requirements of the NESHAP.

IV. Other Regulatory Programs

Because the potential increase in VOM emissions from the project would be less than 40 tons per year, the project is not considered a major project. Accordingly, the project is not subject to "Nonattainment New Source Review," as set for the in Major Stationary Sources Construction and Modification (MSSCAM), 35 IAC Part 203. For the purpose of evaluating the emissions increase accompanying the proposed project, Allied Tube and Conduit considered other contemporaneous increases and decrease in VOM emissions. The project was still not a major project after considering these contemporaneous changes in emissions.

V. Draft Permit

The conditions of the draft contain limitations and requirements that address applicable emissions standards. It also includes requirements that are intended to assure that this project will not be major project. The permit conditions also establish appropriate compliance procedures, including recordkeeping 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 application for the proposed project complies with 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 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.

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