

PROJECT SUMMARY

I. INTRODUCTION

Titan Wheel Corporation of Illinois has submitted application for a Federally Enforceable State Operating Permit (FESOP). Titan Wheel has voluntarily requested federally enforceable limitations that will require it to operate as a non-major source of air pollution as defined in Title V of the Federal Clean Air Act.

II. SOURCE DESCRIPTION

Titan Wheel operates a manufacturing plant produce steel wheels for construction, military and farm equipment. Wheels are fabricated and color coated to customer specifications. Steel is stamped and rolled to produce discs and rims. The Discs and rims are assembled and welded together. Wheels are cleaned of rust and slag with shot blast controlled by dust collectors. Wheels and rims are coated on a traveling conveyor system. The wheels are submerged in electrostatic dip tank then pass through an oven to cure paint. Coatings are applied to wheels using electrostatic spray guns. In booths equipped with dry filter over spray collectors.

III. EMISSIONS

The principal air contaminate emitted from the facility is volatile organic material (VOM) generated from the paints and clean-up solvent usage in three electro-coat tanks and ten paint booths. The secondary air contaminate emitted are those released in fuel combustion of boilers (i.e. NO_x and CO).

IV. APPLICABLE EMISSIONS STANDARDS

All emissions sources in Illinois must comply with the Illinois Pollution Control Board's emission standards. The Board has standards for sources of VOM, NO_x, and CO emissions. This source has demonstrated compliance of Federal standards for VOM, NO_x, and CO emissions. This site complies with the applicable Federal and State regulations.

V. PROPOSED PERMIT

The conditions of the proposed permit contain limitations and requirements to assure that this plant will be operated as a non-major source. The permit sets limitations on the amount or material processed at this facility. These limitations are consistent with the historical operation and capacity of the plant.

The permit conditions also establish appropriate compliance procedures, including inspection practices as well as record keeping and reporting requirements. The Permittee

must carry out these procedures on an on-going basis to demonstrate that the source is operating within the limitations set by the permit and is properly controlling emissions.

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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.

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