

Project Summary

I. INTRODUCTION

The Solar Corporation has submitted a construction permit application for two new coating booths. The conditions in the proposed permit for the project are based on the project not being a major modification under 35 IAC Part 203, Major Stationary Sources Construction and Modification (MSSCAM) and 40 CFR 52.21, Prevention of Significant Deterioration (PSD). The proposed permit conditions include emission limitations, monitoring requirements, recordkeeping requirements, reporting requirements and testing requirements.

II. PROJECT DESCRIPTION

Solar Corporation applies coatings to manufactured interior parts for the automotive industry and home entertainment products. The facility uses various coatings that contain volatile organic materials (VOM) and hazardous air pollutants (HAPs).

III. EMISSIONS

The principal air contaminants emitted from the coating booths are VOM and HAPs. The VOM and HAPS emissions from these emission units are based on complete volatilization of the VOM and HAPs contents of the materials. Solar Corporation has also proposed decreases from Unit 3 to offset the proposed increases from the 2 proposed coating booths

IV. APPLICABLE EMISSION STANDARDS

All emission sources in Illinois must comply with the Illinois Pollution Control Board emission standards. The Board's emission standard represents the basic requirements for sources in Illinois. The Board has standards for sources of VOM. Solar Corporation complies with all applicable standards through direct compliance.

V. PROPOSED PERMIT

The conditions of the proposed permit contain limitations and requirements to assure that this source will be operated as a non-major source. This permit sets limitations on the material VOM and HAP usage and emissions. These limitations are consistent with the historical operation. The VOM emissions are based on the amount of material used.

Proposed Permit The conditions of the permit would contain limitations and requirements that are intended to assure that this project will not trigger the requirements of MSSCAM and PSD. The permit conditions establish appropriate compliance procedures, including monitoring requirements, recordkeeping requirements, reporting requirements and testing

requirements. The Permittee must carry out these procedures on an on-going basis to demonstrate that the refinery is operating within the limitations set by the permit.

VI. REQUEST FOR COMMENTS

It is the Illinois EPA's preliminary determination that this 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 project.

The Illinois EPA and the proposed condition of the draft permit request comments on this proposed action. 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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