

PROJECT SUMMARY

I. INTRODUCTION

Rhodia, Inc. has applied for a renewal permit to operate its manufacturing plant at 14000 South Seeley Avenue, Blue Island, Illinois. The application voluntarily requests to incorporate federal 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. These conditions would be enforceable by both the State of Illinois and United States Environmental Protection Agency (USEPA)

II. SOURCE DESCRIPTION

Rhodia, Inc. operates equipment for amide synthesis unit operation, CSA sulfation unit operation, a continuous sulfation unit operation, a blending operation and three boilers.

III. EMISSIONS

The principal air contaminant of concern for this facility is volatile organic material. Volatile organic material from the raw materials used in amide synthesis, CSA sulfation, continuous sulfation and blending operations.

IV. APPLICATION EMISSION STANDARDS

All emission sources in Illinois must comply with the Illinois Pollution Control Board emission standards. The Board's emission standards represent the basic requirements for emission sources in Illinois. 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 the amount of throughput produced for the various operations. This would exempt this facility from the requirements of the Clean Air Act Permit Program.

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.

VI. REQUEST FOR COMMENT

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 operation.

Comments are requested on this proposed action by the Illinois EPA and the proposed conditions on the draft permit. If substantial public concern is shown in this matter, the Illinois EPA will consider holding a public hearing in accordance with 35 Ill. Adm. Code Part 164.

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