

Illinois Environmental Protection Agency
Bureau of Air, Permit Section
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Project Summary for an Application from
General Cable Company for a
Construction and Revised Operating Permit for
1453 South Washington Street,
DuQuoin, Illinois

Site Identification No.: 145010AAT
Application No.: 08020060

Schedule

Public Comment Period Begins: October 14, 2008
Public Comment Period Closes: November 13, 2008

Illinois EPA Contacts

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I. INTRODUCTION

General Cable Company has applied for a Construction Permit and revised Operating Permit for the plant located at DuQuoin, Illinois. This plant requires an air pollution control operating permit because it is a source of emissions. The Illinois EPA has prepared a draft of the Construction Permit that it would propose to issue for the plant. The revised Operating Permit cannot be issued until the testing required in the proposed Construction Permit is successfully performed. However, before issuing the Construction Permit, the Illinois EPA is holding a public comment period to receive comments on this proposed action and the terms and conditions of the draft permit that it would propose to issue.

II. SOURCE DESCRIPTION

General Cable Company is a facility that manufactures electrical power cable. The emission units at this plant that require an operating permit include the four Continuous Extrusion and Insulating Units, the three Tinning Lines, the Drawing and Stranding lines, and the natural gas-fired boiler. These units are sources of emissions because the formulated polymer resin used as a raw material in the extrusion and insulating process contains volatile organic material (VOM) and hazardous air pollutants (HAP) which are emitted to the atmosphere during the extrusion and curing process. The other emission units are sources of particulate matter (PM) and VOM.

III. GENERAL DISCUSSION

The source is to operate this plant under the proposed Construction Permit and the existing Lifetime Operating Permit and then apply for an appropriate revised Operating Permit based on the results of the testing.

IV. APPLICABLE EMISSION STANDARDS

All emission units in Illinois must comply with state emission standards adopted by the Illinois Pollution Control Board. These emission standards represent the basic requirements for sources in Illinois. There are specific regulations for testing of air pollution emissions for both VOM and HAP. This permit requires compliance with these regulations.

V. CONTENTS OF THE PERMIT

The Construction Permit that the Illinois EPA is proposing to issue would identify the specific emission standards that apply to the modified emission units at the plant. As explained, the VOM emissions are subject to 35 Ill. Adm. Code 215.301, which requires limiting organic emissions to less than 8 lb/hr. The PM emissions are limited by 35 Ill. Adm. Code 212.321 based on the process weight rate. The conditions of this permit are intended to ensure that the source comply with applicable emission standards.

The permit conditions would also require appropriate compliance procedures, including inspection practices as well as recordkeeping and reporting requirements. The source must carry out these procedures on an on-going basis to demonstrate that the plant is being operated within the limitations set by the permit and the plant's emissions are being properly controlled.

VI. REQUEST FOR COMMENTS

It is the Illinois EPA's preliminary determination that the source has met the requirements for issuance of the Construction Permit. The Illinois EPA is therefore proposing to issue the permit.

Comments are requested on this proposed action by the Illinois EPA and the proposed conditions of 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.