

I. INTRODUCTION

This source has applied for a Clean Air Act Permit Program (CAAPP) operating permit for its existing operation. The CAAPP is the program established in Illinois for the operating permits for significant stationary sources required by the federal Clean Air Act, as amended in 1990. The conditions in a CAAPP permit are enforceable by both the Illinois Environmental Protection Agency (Illinois EPA) and the USEPA.

Intermatic Incorporated is located at 7777 Winn Road in Spring Grove. The source manufactures miscellaneous items such as low voltage lighting, professional lighting, photo controllers, surge suppressor strips, and electro-mechanical and electronic timers for consumer and industrial use. Raw materials, such as plastic, steel, brass, and aluminum, are ultimately manufactured into parts for sub assembly and final assembly. The source's products are manufactured through molding, punch presses, and screw machine departments. Some molded parts are sent directly to sub assembly. Others are silk screened prior to being sent to sub assembly. Punch press parts are either degreased or powder coated prior to sent to sub assembly. Automatic screw machine parts are cleaned or degreased prior to sub assembly. From sub assembly, parts go to final assembly and ultimately to warehousing for shipment to the source's customers.

II. EMISSION UNITS

Significant emission units at this source are as follows:

Emission Unit	Description	Date Constructed	Emission Control Equipment
Boiler #1	Cleaver Brooks Model CB200-400 Natural-Gas Fired Boiler (Boiler #1, 16.738 mmBtu/hr)	1977	None
Boiler #2	American International Model AC7865 Natural Gas-Fired Boiler (Boiler #2, 14.500 mmBtu/hr)	1972	None
DETREX	DETREX Model #2DCRS-650-1VBS Vapor Degreaser	August, 1973	AEI Odorkleen Carbon Adsorption System
KORD	Heidelberg Model KORD Heatset Web Offset Printing Press	Unknown	None
POWDER	Volstatic, Inc. Powder Coating Line (2 Manual Booths, One Automatic Booth, and One Natural Gas-Fired Curing Oven)	Prior to 1982	Cyclone and Baghouse
SORD	Heidelberg Model SORD Heatset Web Offset Printing Press	Unknown	None
SORS	Heidelberg Model SORS Heatset Web Offset Printing Press	Unknown	None
TYPE M	Heidelberg Model TYPE M Heatset Web Offset Printing Press	Unknown	None

III. EMISSIONS

This source is required to have a CAAPP permit since it is a major source of emissions.

For purposes of fees, the source is allowed the following emissions:

Permitted Emissions of Regulated Pollutants

Pollutant	Tons/Year
Nitrogen Oxides (NO _x)	6.91
Particulate Matter (PM)	1.65
Sulfur Dioxide (SO ₂)	0.05
Volatile Organic Material (VOM)	10.10
HAP, not included in VOM or PM	--
TOTAL	18.71

IV. APPLICABLE EMISSION STANDARDS

All emission sources in Illinois must comply with the Illinois Pollution Control Board's emission standards. The Board's emission standards represent the basic requirements for sources in Illinois.

All emission sources in Illinois must comply with the federal New Source Performance Standards (NSPS). The Illinois EPA is administering NSPS in Illinois on behalf of the United States EPA under a delegation agreement.

All emission sources in Illinois must comply with the federal National Emission Standards for Hazardous Air Pollutants (NESHAP). The Illinois EPA is administering NESHAP in Illinois on behalf of the United States EPA under a delegation agreement.

V. PROPOSED PERMIT

CAAPP

A CAAPP permit contains all conditions that apply to a source and a listing of the applicable state and federal air pollution control regulations that are the origin of the conditions. The permit also contains emission limits and appropriate compliance procedures. The appropriate compliance procedures may include inspections, work practices, monitoring, record keeping, and reporting to show compliance with these requirements. The Permittee must carry out these procedures on an on-going basis.

Title I

A combined Title I/CAAPP permit contains terms and conditions established by the Illinois EPA pursuant to authority found in Title I provisions, e.g., 40 CFR 52.21 - federal Prevention of

Significant Deterioration (PSD) and 35 IAC Part 203 - Major
Stationary Sources Construction and Modification.
Notwithstanding the expiration date on

the first page of the permit, the Title I conditions remain in effect pursuant to Title I provisions until the Illinois EPA deletes or revises them in accordance with Title I procedures.

VI. REQUEST FOR COMMENTS

It is the Illinois EPA's preliminary determination that this source's permit application meets the standards for issuance of a CAAPP permit. The Illinois EPA is therefore proposing to issue a CAAPP permit, subject to the conditions proposed in the draft permit.

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 164.

RWB:psj