

**TECHNICAL EVALUATION  
AND  
PRELIMINARY DETERMINATION**

**I. GENERAL INFORMATION**

**A. APPLICANT**

Rex Corporation  
136 Eastport Road  
Jacksonville, FL 32218

Permit No.: 0310327-003-AC  
County: Duval

**B. PROJECT**

This permit is for the modification of the existing offset printing process with the replacement of one lithographic offset printing press.

**II. RULE APPLICABILITY**

The facility is located in an area designated as attainment for the air pollutant sulfur dioxide (effective March 8, 1999), as unclassifiable for the air pollutant particulate matter less than or equal to ten (10) micrometers, and an air quality maintenance area for air pollutants particulate matter and ozone pursuant to Chapter 62-204, Florida Administrative Code (FAC), and Rule 2.201, Jacksonville Environmental Protection Board (JEPB).

The facility is a minor source of air pollution because the potential emissions of regulated air pollutants are less than 100 tons per year and the potential emissions of Hazardous Air Pollutants (HAP) are less than 10 tons per year single HAP and less than 25 tons per year total HAPs pursuant to Chapter 62-210, FAC, and JEPB Rule 2.301.

**III. TECHNICAL EVALUATION**

**EU No. 001- Offset Printing Process**

The hours of operation for this emissions unit shall not exceed 6240 hours per year.

Isopropyl alcohol usage shall be limited to a maximum of 3000 gallons per year, on a 12-month rolling average.

Blanket wash solvent usage shall be limited to a maximum of 8000 gallons per year, on a 12-month rolling average.

General Pollutant Emission Limiting Standards. Volatile Organic Compounds (VOC) Emissions or Organic Solvents (OS) Emissions. The permittee shall allow no person to store, pump, handle, process, load, unload, or use in any installation, VOC or OS without applying known and existing vapor emission control devices or systems deemed necessary and ordered by the Department.

General Pollutant Emission Limiting Standards. Objectionable Odor Prohibited. The permittee shall not cause, suffer, allow, or permit the discharge of air pollutants which cause or contribute to an objectionable odor.

Records shall be compiled on a monthly basis for the following:

- a. VOC emissions
- b. HAP emissions
- c. Gallons of isopropyl alcohol used
- d. Gallons of blanket wash solvent used

Records shall be maintained for a minimum period of five (5) years and shall be made available to the Department upon request.

#### **IV. CONCLUSION**

Based upon information provided by the Rex Corporation, the Department has reasonable assurance that the proposed modification, as described in this evaluation and subject to the conditions proposed herein, will not cause, or contribute to a violation of any ambient air quality standard or other technical provision of Chapters 62-296 and 62-297, FAC, JEPB Rules 2.1001 and 2.1101.

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