



State of Ohio Environmental Protection Agency

P.O. Box 1049, 361 E. Broad Street
Columbus, Ohio 43266-1049
(614) 466-8565

Richard F. Celeste
Governor

Re: Permit to Install
MEDINA County
Application No.16-498

CERTIFIED MAIL

NOVEMBER 26, 1986

WESTERN ROTO ENGRAVERS INC-OHIO
1760 E MARKET ST
AKRON, OHIO 44305

Attention: RUSSELL ELLEBRUCH

Dear Sir:

Enclosed please find an Ohio EPA Permit to Install which will allow you to install the described source(s) in a manner indicated in the permit. Because this permit contains several conditions and restrictions I urge you to read it carefully.

You are hereby notified that this action by the Director is final and may be appealed to the Ohio Environmental Board of Review pursuant to Chapter 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. It must be filed with the Environmental Board of Review within thirty (30) days after notice of the Director's action. A copy of the appeal must be served on the Director of the Ohio Environmental Protection Agency and the Environmental Law Division of the Office of the Attorney General within three (3) days of filing with the Board. An appeal may be filed with the Environmental Board of Review at the following address:

Environmental Board of Review
250 East Town Street, Room 101
Columbus, Ohio 43215

Very truly yours,

Thomas G. Rigo, Manager
Field Operations Section
Division of Air Pollution Control

TGR/gs

cc: US EPA
AKRON AIR POLLUTION CONTROL

RECEIVED
AKRON AIR MGMT.
1-11 AM '86

Permit to Install Terms and Conditions

Application No. 16-498
APS Premise No. 1652100068
Permit Fee: \$995.

Name of Facility: WESTERN ROTO ENGRAVERS INC-OHIO

Person to Contact: RUSSELL ELLEBRUCH

Address: 1760 E MARKET ST
AKRON, OHIO 44305

Location of proposed source(s): SEVILLE & PLUM CREEK DRS
WADSWORTH, OHIO

Description of proposed source(s): ROTOGRAVURE CYLINDER MFG & SERVICE
FACILITY-STRIPPING/PLATING TANKS-
ETCHING LINE-DEVELOPING LINE-PRINT
PRESS-STORAGE TANK.

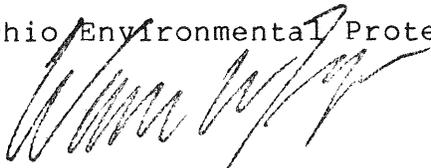
Date of Issuance: NOVEMBER 26, 1986

Effective Date: NOVEMBER 26, 1986

The above named entity is hereby granted a permit to install for the above described source(s) pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this permit does not constitute expressed or implied approval or agreement that, if constructed or modified in accordance with the plans included in the application, the above described source(s) of environmental pollutants will operate in compliance with applicable State and Federal laws and regulations, and does not constitute expressed or implied assurance that if constructed or modified in accordance with those plans and specifications, the above described source(s) of pollutants will be granted the necessary permits to operate (air) or NPDES permits as applicable.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency



Warren W. Tyler

Substantial construction for installation must take place within eighteen months of the effective date of this permit. This deadline may be extended by up to twelve months, if application is made to the Director no less than sixty days before the expiration of this permit and the party shows good cause for any such extension.

The Director of the Ohio Environmental Protection Agency, or his authorized representatives, may enter upon the premises of the above-named applicant during construction and operation at any reasonable time for the purpose of making inspections, conducting tests, examining records or reports pertaining to the construction, modification or installation of the above described source of environmental pollutants.

As specified in OAC Rule 3745-31-05, all new sources must employ Best Available Technology (BAT). Compliance with the terms and conditions of this permit will fulfill this requirement.

The specified permit fee must be remitted within 15 days of the effective date of this permit to install.

The proposed source shall be constructed in strict accordance with the plans and application submitted for this permit to the Director of the Ohio Environmental Protection Agency. There may be no deviation from the approved plans without the express, written approval of the Agency. Any deviations from the approved plans or the above conditions may lead to such sanctions and penalties as provided under Ohio law. Approval of these plans does not constitute an assurance that the proposed facilities will operate in compliance with all Ohio laws and regulations. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed sources are inadequate or cannot meet applicable standards.

EMISSION SUMMARY

The air contaminant sources listed below comprise the Permit to Install for Western Roto Engravers Inc., Ohio located in Medina County. The sources listed below shall not exceed the emission limits/control requirements contained in the following table:

<u>Ohio EPA Source No.</u>	<u>Source Identification</u>	<u>BAT Determination</u>	<u>Applicable Ohio EPA rule</u>	<u>Allowable Emissions (lb/hr, lb/MMBTU, gr/DSCF, etc.)</u>
P001	Chrome stripping & plating	Condenser-97% design removal efficiency	3745-31	N/A
P002	Photo-polymer developer/resist application, image transfer	Organic mat. emissions <8 lbs/hr, 40 lbs/day	3745-21-07(G)	8 lbs/hr, 40 lbs/day organic materials

<u>Ohio EPA Source No.</u>	<u>Source Identification</u>	<u>BAT Determination</u>	<u>Applicable Ohio EPA rule</u>	<u>Allowable Emissions (lb/hr, lb/MMBTU, gr/DSCF, etc.)</u>
P003	Etching, cleaning	Limited to the use of non-photochemically reactive solvents. Operating practices that minimize solvent evaporation.	3745-21-07(G)	3.0 tons organic mat. per year.
K001	Printing press/proof printing	Use is limited to checking the quality of image formation.	3745-21-09(Y)	1.3 ton VOC/year
T001	Storage tank/waste solvent storage	Submerged fill	3745-31	1.0 ton organic mat. per year

SUMMARY
 TOTAL NEW SOURCE EMISSIONS

<u>Pollutant</u>	<u>Tons/Year</u>
HC	10.50

This condition in no way limits the applicability of any other state or federal regulation.

APPLICABILITY

This Permit to Install is applicable only to the air contaminant sources listed and does not include the installation or modification of wastewater disposal systems or solid waste disposal facilities. Separate application must be made to the Director for the installation or modification of any such wastewater disposal systems or solid waste disposal facilities.

WASTE DISPOSAL

The owner/operator shall comply with any applicable state and federal requirements governing the storage, treatment, transport, and disposal of any waste material generated by the operation of the sources.

PERMIT TO OPERATE APPLICATION

A Permit to Operate Application and a \$15 application fee must be submitted to the appropriate field office for each source in this Permit to Install. In accordance with OAC rule 3745-35-02, the application shall be made at least ninety days prior to start-up of the source.

MALFUNCTION/ABATEMENT

This source and its associated air pollution control system(s) shall be maintained regularly in accordance with good engineering practices and the recommendations of the respective manufacturers in order to minimize air contaminant emissions.

The chrome stripping/plating tanks (P001) shall be equipped with condensers with design acid fume removal efficiencies of 97%.

The image developing line (P002) shall be operated in a manner which minimizes solvent evaporation. Organic material emissions must not exceed 8 lbs. in any one hour, and 40 lbs. in any one day.

The etching/cleaning tanks (P003) shall employ non-photochemically reactive solvents only. This source shall be operated in a manner which minimizes solvent evaporation.

The proof printing line (K001) shall be used solely to check the quality of the image formation of new cylinders.

The waste solvent storage tank (T001) shall be equipped for submerged filling. The submerged fill pipe must be installed within six (6) inches of the bottom of the storage tank.