



State of Ohio Environmental Protection Agency

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Columbus, Ohio 43266-0149
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George V. Voinovich
Governor

Donald R. Schregardus
Director

Re: Permit to Install
Stark County
Application No: 15-806
TOXIC REVIEW

CERTIFIED MAIL

November 18, 1992

M K MORSE CO
JERRY BOURQUIN
P O BOX 8677
CANTON, OH 44711

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.

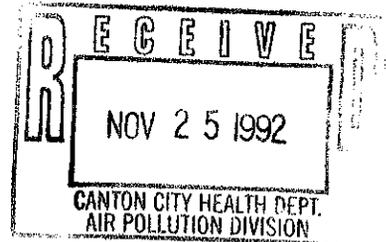
You are hereby notified that this action by the Director is final and may be appealed to the Ohio Environmental Board of Review pursuant to Chapter 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. It 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 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
236 East Town Street, Room 300
Columbus, Ohio 43215

Very truly yours,

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

cc: US EPA
CANTON AIR POLLUTION CONTROL



Permit to Install Terms and Conditions

Application No. 15-806
APS Premise No. 1576051719
Permit Fee: \$1390.00

Name of Facility: M K MORSE CO

Person to Contact: JERRY BOURQUIN

Address: P O BOX 8677
CANTON, OH 44711

Location of proposed source(s): 1101 - 11TH ST SE
CANTON, OHIO

Description of proposed source(s):
MISC METAL COATING LINE, MISC METAL POWDER COATING LINE, CON
VEYORIZED DEGREASER, BURN-OFF OVEN, CURING OVEN, KILN.

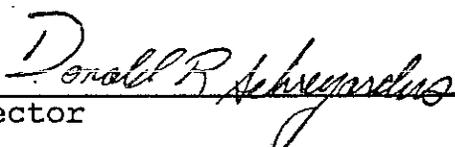
Date of Issuance: November 18, 1992

Effective Date: November 18, 1992

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



Director

TERMINATION OF PERMIT TO INSTALL

Substantial construction for installation must take place within 18 months of the effective date of this permit. This deadline may be extended by up to 12 months, if application is made to the Director within a reasonable time before the termination date and the party shows good cause for any such extension.

NOTICE OF INSPECTION

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, or to examine records or reports pertaining to the construction, modification or installation of the source(s) of environmental pollutants identified within this permit.

CONSTRUCTION OF NEW SOURCE(S)

The proposed source(s) 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.

If the construction of the proposed source(s) has already begun or has been completed prior to the date the Director of the Ohio Environmental Protection Agency approves the permit application and plans, the approval does not constitute expressed or implied assurance that the proposed facility has been constructed in accordance with the approved plans. The action of beginning and/or completing construction prior to obtaining the Director's approval constitutes a violation of Ohio Administrative Code (OAC) Rule 3745-31-02. Furthermore, issuance of the Permit to Install does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. Approval of the plans in any case is not to be construed as an approval of the facility as constructed and/or completed. Moreover, issuance of the Permit to Install is not to be construed as a waiver of any rights that the Ohio Environmental Protection Agency (or other persons) may have against the applicant for starting construction prior to the effective date of the permit. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed facilities prove to be inadequate or cannot meet applicable standards.

M K MORSE CO
Application No. 15-806
Page 3 of 9
November 18, 1992

PERMIT TO INSTALL FEE

In accordance with Ohio Revised Code 3745.11, the specified Permit to Install fee must be remitted within 15 days of the effective date of this permit to install.

PUBLIC DISCLOSURE

The facility is hereby notified that this permit, and all agency records concerning the operation of this permitted source, are subject to public disclosure in accordance with OAC Rule 3745-49-03.

APPLICABILITY

This Permit to Install is applicable only to the contaminant sources identified. Separate application must be made to the Director for the installation or modification of any other contaminant sources.

BEST AVAILABLE TECHNOLOGY

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.

PERMIT TO OPERATE APPLICATION

A Permit to Operate application and a \$15 application fee must be submitted to the appropriate field office for each air contaminant source in this Permit to Install. In accordance with OAC Rule 3745-35-02, the application shall be made at least 90 days prior to start-up of the source.

AIR EMISSION SUMMARY

The air contaminant sources listed below comprise the Permit to Install for M K MORSE CO located in Stark County. The sources listed below shall not exceed the emission limits/control requirements contained in the table. This condition in no way limits the applicability of any other state or federal regulations. Additionally, this condition does not limit the applicability of additional special terms and conditions of this permit.

<u>Ohio EPA Source Number</u>	<u>Source Identification/Description</u>	<u>BAT Determination</u>	<u>Applicable Federal and OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control & Usage Requirements</u>
N001	Powder Paint Burn-Off Oven	Cyclone Limit on Visible Emissions	3745-31-05 3745-17-07 3745-17-09	.1 lb PM/100 lb Charge .36 lb PM/hr 1.58 tons PM/yr .06 lb NO _x /hr .26 ton NO _x /yr .01 lb CO/hr .044 ton CO/yr
P001	350,000 BTU Natural Gas Fired Batch Curing Oven	Natural Gas Usage	3745-31-05 3745-17-07 3745-17-11	.007 lb PM/hr .03 ton PM/yr .035 lb NO _x /hr .15 ton NO _x /yr .007 lb CO/hr .03 ton CO/yr 1.05 lb NH ₃ /Batch .13 ton NH ₃ /yr
P002	2.2 MMBTU Natural Gas Fired Hi-Temp Kiln	Natural Gas Usage	3745-31-05 3745-17-07 3745-17-11	.044 lb PM/hr .19 ton PM/yr .22 lb NO _x /hr .96 tons NO _x /yr .044 lb CO/hr .19 ton CO/yr
K001	Misc Metal ConveyORIZED Dip Tank Coating Line (P04BC)	Compliance with 3745-21-09(U) Limit of 10 Gallons of Coating/Day; Limit of 2000 Gallons of Coating/Year	3745-21-09 (U) 3745-31-05	40 lbs OC/day 4 tons OC/yr
K002	Misc Metal Powder Coating Line (P05C) & Oven (P05B)	No Controls; Paint Booth has no Ext. Exhaust	3745-31-05 3745-17-07 3745-17-11	.0056 lb PM/hr .02 ton PM/yr .028 lb NO _x /hr .12 ton NO _x /yr
L001	ConveyORIZED Degreaser Using Trichloroethylene	Refrigerated Chiller	3745-31-05 3745-21-09 (O)(4)	100 lb OC/wk 2.6 ton OC/yr

SUMMARY
TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

<u>Pollutant</u>	<u>Tons/Year</u>
PM	1.82
OC	6.60
NO	1.49
CO ^x	0.264
NH ₃	0.13

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.

MAINTENANCE OF EQUIPMENT

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.

MALFUNCTION/ABATEMENT

In accordance with OAC Rule 3745-15-06, any malfunction of the source(s) or associated air pollution control system(s) shall be reported immediately to the Canton Air Pollution Control, 218 Cleveland Ave. SW, 3rd Floor, City Hall, Canton, Ohio 44702.

Except as provided by OAC Rule 3745-15-06(A)(3), scheduled maintenance of air pollution control equipment that requires the shutdown or bypassing of air pollution control system(s) must be accompanied by the shutdown of the associated air pollution sources.

AIR POLLUTION NUISANCES PROHIBITED

The air contaminant source(s) identified in this permit may not cause a public nuisance in violation of OAC Rule 3745-15-07.

BAT FOR CONVEYORIZED DEGREASERS

In accordance with OAC Rule 3745-21-09(O)(4), each owner or operator of a conveyORIZED degreaser shall:

- (a) Install one of the following devices on all conveyORIZED degreasers having an air/solvent interface greater than 22 square feet:
 - (i) refrigerated chiller;
 - (ii) carbon adsorption system, with ventilation greater than or equal to 50 cubic feet per minute per square foot of air/solvent interface (when downtime covers are open), and exhausting less than 25 parts per million (ppm) of solvent by volume averaged over a complete adsorption cycle; or
 - (iii) a system, demonstrated to have a control efficiency equivalent to or greater than Paragraph (O)(4)(a)(i) or (O)(4)(a)(ii) of this Rule, and approved by the Director;
- (b) Equip the conveyORIZED degreaser with equipment, such as a drying tunnel or rotating (tumbling) basket, sufficient to prevent cleaned parts from carrying out solvent liquid or vapor;
- (c) Install one of the following safety switches, if the solvent is heated to its boiling point:
 - (i) a condensor flow switch and thermostat or any other device which shuts off the sump heat if the condensor coolant is either not circulating or too warm;
 - (ii) a spray safety switch which shuts off the spray pump if the vapor level drops below any fixed spray nozzle; and

- (iii) a vapor level control thermostat or any other device which shuts off the sump heat when the vapor level rises too high;
- (d) Equip the conveyORIZED degreaser with covers for closing off the entrance and exit when not in use; and
- (e) Operate and maintain the conveyORIZED degreaser in a manner which is consistent with good engineering practice and which minimizes solvent evaporation from the unit.

CONSTRUCTION COMPLIANCE CERTIFICATION

The applicant shall provide Ohio EPA with written certification (see enclosed form) that the facility has constructed in accordance with the permit to install application and the terms and conditions of the permit to install. The certification shall be provided to Ohio EPA upon completion of construction but prior to startup of the source.

ADDITIONAL SPECIAL TERMS AND CONDITIONS

Source K001

Record-Keeping and Reporting Requirements for Surface Coating Lines:

This facility shall maintain monthly records which list the following information for each surface coating or ink employed in this source:

- a. the company identification of the surface coating;
- b. the number of gallons employed;
- c. the VOC content, in pounds of VOC per gallon of coating;
- d. the VOC content, in pounds of VOC per gallon of coating; minus water;
- e. the water content, in percent by volume;
- f. the nonvolatile (solids) content, in percent by volume; and
- g. the type and amount of cleanup solvent employed.

These monthly records, as well as any supporting coating or ink analyses and computations, shall be retained in the company's files for a period of not less than two years and shall be made available to the Director or any authorized representative of the Director for review. Copies of these records will be made available upon request.

This facility shall submit semi-annual reports to the Canton City Health Department, Air Pollution Control Division, City Hall, Canton, Ohio 44701, Phone (216) 489-3385, which summarize the following information for each coating employed in this source during the previous six calendar months: coating identification of the surface coating; the total number of gallons employed; the VOC content in pounds of VOC per gallon coating; the VOC content (in pounds VOC per gallon of coating, minus water); the water content; the nonvolatile (solids) content; and the type and amount of cleanup solvent employed. The reports shall be submitted by February 15 and August 15 of each year and shall cover the previous six calendar months (July through December and January through June, respectively).

M K MORSE CO
Application No. 15-806
Page 9 of 9
November 18, 1992

No more than 10 gallons of coating shall be used by this source in any one day. No more than 2,000 gallons of coating shall be used by this source in any one calendar year. Daily records shall be maintained of coating usage. These records shall be made available for inspection upon request by any member of this agency.

Source N001

The visible emissions from the stack servicing this source shall not exceed 5% opacity for a three-minute average.