



State of Ohio Environmental Protection Agency

P.O. Box 1049, 1800 WaterMark Dr.
Columbus, Ohio 43266-0149



Re: Permit to Install
Hancock County

CERTIFIED MAIL

Richard F. Celeste
Governor

October 5, 1988

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
236 East Town Street, Room 300
Columbus, Ohio 43215

Very truly yours,

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

TGR/gs

cc: US EPA
Northwest District Office
Hancock County Health Department

Permit to Install Terms and Conditions

Application No. 03-3658
APS Premise No. 0332010170
Permit Fee: \$780.

Name of Facility: WHIRLPOOL CORP, FINDLAY DIV

Person to Contact: J. BRIAN GASIOROWSKI

Address: 4901 N MAIN ST
FINDLAY, OHIO 45840

Location of proposed source(s): 4901 N MAIN ST
FINDLAY, OHIO

Description of proposed source(s): 2 DISHRACK POWDER COATING LINES
W/THERMAL DESTRUCTION & CYCLONE
SCRUBBER.

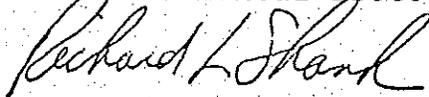
Date of Issuance: OCTOBER 5, 1988

Effective Date: OCTOBER 5, 1988

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

EPA 3156

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 within a reasonable time before the termination date 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 Whirlpool Corp., Findlay Div. located in Hancock 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>
K006	Dishrack powder coating line w/ thermal destruction & cyclonic scrubber	Compliance w/ emission limitation	3745-31-05 3745-17-11 3745-21-09(U)	0.44 lb VOC/gal. coating 0.024 lb PM/hr

<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>
K007	Dishrack powder coating line w/ thermal destruction & cyclonic scrubber	Compliance w/ emission limitation	3745-31-05 3745-17-11 3745-21-09(U)	0.44 lb VOC/gal. coating 0.024 lb PM/hr

SUMMARY
TOTAL NEW SOURCE EMISSIONS

<u>Pollutant</u>	<u>Tons/Year</u>
Particulate matter (PM)	0.072
Volatile organic compounds (VOC)	40.6

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.

CONSTRUCTION STATUS

The Northwest District Office shall be notified in writing as to (a) the construction starting date (b) the construction completion date and (c) the date the facilities were placed into operation.

PERFORMANCE TEST REQUIREMENTS

The permittee shall conduct, or have conducted, performance testing on the air contaminant source(s) in accordance with procedures approved by the Agency. Within 180 days after installation, two copies of the written report shall be submitted and signed by the person responsible for the test, describing the test procedures followed and the results of such tests. The Director or an Ohio EPA representative shall be allowed to witness the tests, examine testing equipment and require the acquisition or submission of data and information necessary to assure that the source operation and testing procedures provide a valid characterization of the emissions from the source and/or the performance of the control equipment.

- A. A completed Intent to Test form shall be submitted to the appropriate Ohio EPA District Office or Local Air Pollution Control Agency where the original permit application was filed. This notice shall be made thirty (30) days in advance and shall specify the source operating parameters, the proposed test procedures and the time, date, place and person(s) conducting such tests. Failure to submit such notification for review and approval prior to the testing may result in a refusal to accept the results of the emission test.
- B. Two copies of the test results shall be submitted within thirty (30) days after the completion of the performance test.
- C. Tests shall be performed for the following sources and pollutants:

<u>Source</u>	<u>Pollutants</u>
K006	VOC
K007	VOC

REPORTING

Any reports required by the Permit to Install shall be submitted to Northwest District Office, 1035 Devlac Grove Dr., Bowling Green, Ohio 43402.

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.

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.

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.

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 Northwest District Office. 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 said equipment, must be accompanied by the shutdown of the associated air pollution sources.

ADDITIONAL SPECIAL TERMS AND CONDITIONS

1. The Whirlpool Corp., Findlay Div. shall not exceed 0.44 lb VOC/gallon coating on a daily volume-weighted average basis. The daily volume weighted average value shall include the amount of powder coating in the calculation.
2. The maximum coating usage shall not exceed 185,598 gallons coatings per rolling twelve month period.
3. The facility shall demonstrate through stack testing the 80.2% VOC control efficiency on sources K006 and K007.
4. The facility shall maintain daily records on the amount of coatings and solvents used in K006 and K007. The following information shall be provided for each source:
 - a. the company identification of the surface coating/make-up and clean-up solvent.
 - b. the number of gallons of each employed.
 - c. the VOC content (in pounds of VOC per gallon of coating, minus water).
 - d. the water content, in percent by volume.
 - e. the nonvolatile (solids) content, in percent by volume.
 - f. the daily volume weighted average of VOC per gallon of coating.
5. The Whirlpool Corp., Findlay Div. shall submit these daily records for sources K006 and K007 to the Ohio EPA field office on a quarterly basis. These reports shall be submitted by January 15, April 15, July 15, and October 15 of each year and shall cover the previous three months.
6. Within 180 days after the installation of K006 and K007, Dishrack Powder Coatings Lines, the Whirlpool Corp., Findlay Div. must permanently shutdown the existing Dishrack Powder Coatings Line (K004). The contemporaneous emissions increase and decrease for the Whirlpool Corp., Findlay Div. are summarized as follows:

<u>Source Identification</u>	<u>Pollutants (TPY)*</u>	
	<u>VOC</u>	<u>PM</u>
K004 (existing dishrack coating line)	(81.76)	(0.32)
Cumulative VOC emissions 1985 PTI #03-1973	18.85	
1987 PTI #03-3005		
K006 & K007 (new dishrack coating lines)	<u>40.6</u>	<u>0.072</u>
Net emissions decrease	(22.31)	(0.25)

*Decreases in emissions are noted by ().

The new sources K006 and K007 will not cause a significant net emissions increase in particulate matter and volatile organic compounds (VOC).

Therefore, the installation of sources K006 and K007 will not trigger review under the Federal Prevention of Significant Deterioration.