



State of Ohio Environmental Protection Agency

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

Richard F. Celeste
Governor

Re: Permit to Install
Summit County
Application No. 16-776
July 31, 1989

CERTIFIED MAIL

RECEIVED
AKRON AIR MGMT.
1989 AUG 15 PM 12: 02

PPG Industries, Inc.
P.O. Box 31
Barberton, Ohio 44203

Attention: Mr. A. M. Ziehler

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

mp

cc - U.S. EPA

Akron Reg. Air Quality Management

Permit to Install Terms and Conditions

Application No. 16-776
APS Premise No. 1677020009
Permit Fee: \$390.00

Name of Facility: PPG INDUSTRIES, INC.

Person to Contact: A. M. Ziehler

Address: P. O. Box 31
Barberton, Ohio 44203

Location of proposed source(s): 4829 Fairland Road
Barberton, Ohio 44203

Description of proposed source(s): SILICA SLURRY PRODUCTION - BAG
DUMP STATION, PNEUM. TRANSFER
SYSTEM, MILLING. SAN-SIL

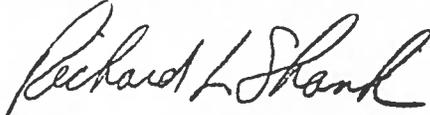
Date of Issuance: July 31, 1989

Effective Date: July 31, 1989

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

PPG Industries, Inc.
Application No. 16-776
Page 2 of 4
July 31, 1989

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 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 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 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.

PERMIT TO INSTALL FEE

In accordance with ORC 3745-11, the specified Permit to Install fee must be remitted within 15 days of the effective date of this Permit to Install.

PPG Industries, Inc.
Application No. 16-776
Page 3 of 4
July 31, 1989

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 review fee must be submitted to Akron Regional Air Quality Management District 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.

EMISSION SUMMARY

The air contaminant sources listed below comprise the Permit to Install for PPG Industries, Inc. located in Summit County. The sources listed below shall not exceed the emission limits/control requirements contained in the following 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>OEPA Source Number</u>	<u>Source Description/ Identification</u>	<u>BAT Determination</u>	<u>Applicable Federal and OEPA rules</u>	<u>Permit Allowable Mass Emissions & Control & Usage Requirements</u>
P901	Silica slurry production - bag dump station, pneu. conveying system, milling. San Sil	See * below	3745-31-05 3745-17-08 3745-17-11 3745-17-07 3745-31	See ** below

* The bag dump station shall be hooded and vented to a fabric filter. The collection efficiency of the hood shall be sufficient to minimize or eliminate visible emissions of fugitive dust at the point(s) of capture to the extent possible with good engineering design. The pneumatic conveying system and Katy mill shall be equipped with a fabric filter to control particulate emissions.

** The fabric filter which controls particulate emissions from the bag dump station shall achieve an outlet loading of not greater than 0.030 grains of particulate per DSCF of exhaust gas, or there shall be no visible emissions from the stack. Particulate emissions from the conveying and milling of raw material shall not exceed 2.0 lbs. per hour.

SUMMARY
TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

<u>Pollutant</u>	<u>Tons/Year</u>
Particulate Matter (PM)	13.8

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

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 Akron Regional Air Quality Management District at 177 South Broadway, Akron, Ohio 44308, telephone 216/375-2480.

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.