



State of Ohio Environmental Protection Agency

STREET ADDRESS:

1800 WaterMark Drive
Columbus, OH 43215-1099

TELE: (614) 644-3020 FAX: (614) 644-2329

MAILING ADDRESS:

P.O. Box 1049
Columbus, OH 43216-1049

January 18, 1996

CERTIFIED MAIL

Re: Modification to Permit to Install No. 02-8530
Ashtabula County

SCM Chemicals, Inc.-Plant II
P.O. Box 160
Ashtabula, OH 44004

Attention: Mark McIntyre

Enclosed please find a modification to the Ohio EPA Permit to Install referenced above which will modify the terms and conditions.

You are hereby notified that this action of the Director is final and may be appealed to the Environmental Board of Review pursuant to Section 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, OH 43215.

Very truly yours,

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

Enclosure

cc: US EPA
NORTHEAST DISTRICT OFFICE, DAPC

RECEIVED

JAN 22 1996

OHIO EPA NEDO

George V. Voinovich, Governor
Nancy P. Hollister, Lt. Governor
Donald R. Schregardus, Director

Permit to Install Terms and Conditions

Issuance Date: January 18, 1996
Effective Date: January 18, 1996
Modification Fee: \$500.00

OHIO ENVIRONMENTAL PROTECTION AGENCY

MODIFICATION TO PERMIT TO INSTALL

Name of Applicant: SCM Chemicals, Inc.-Plant II
Address: 2426 Middle Rd
City: Ashtabula, OH
Telephone: 216-969-9263

The Ohio EPA has received a request for a modification for the Ohio EPA Permit to Install referenced above.

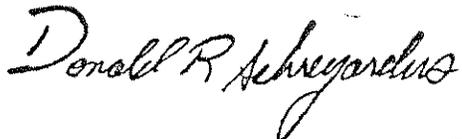
The Permit to Install No. 02-8530 issued to SCM Chemicals, Inc.-Plant II is hereby modified in the following manner:

Terms and Conditions on pages 1, 4, 5 and 8 of Permit to Install No. 02-8530 issued November 23, 1994.

The reason for the modification is: to correct premise number on page 1, to modify Air Emission Summary on pages 4 and 5 and Additional Special Term and Condition #2B on page 8 of PTI No. 02-8530 issued November 23, 1994, due to installation of 2 additional blowers.

The above named entity is hereby granted a modification to the permit to install described above pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this modification 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 included in the application, the above described source(s) of pollutants will be granted the necessary operating permits.

Ohio Environmental Protection Agency



Director



Permit to Install

Terms and Conditions

Application No. 02-8530
APS Premise No. 0204010193 ✓
Permit Fee: \$1800.00

Name of Facility: SCM CHEMICALS, INC.-PLANT II

Person to Contact: MARK MCINTYRE

Address: P.O. BOX 160
ASHTABULA, OH 44004

Location of proposed source(s): 2426 MIDDLE RD.
ASHTABULA, OHIO

Description of proposed source(s):
MODIFICATION OF TITANIUM DIOXIDE PRODUCTION & MODIFICATION O
F TITANIUM DIOXIDE SLURRY PRODUCTION.

Date of Issuance: November 23, 1994

Effective Date: November 23, 1994

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

SOURCE OPERATION AFTER COMPLETION OF CONSTRUCTION

This facility is permitted to operate each source described by this permit to install for a period of up to one year from the date the source commenced operation. This permission to operate is granted only if the facility complies with all requirements contained in this permit and all applicable air pollution laws, regulations, and policies.

AIR EMISSION SUMMARY

The air contaminant sources listed below comprise the Permit to Install for SCM CHEMICALS, INC.- PLANT II located in Ashtabula 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 & OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
P001	Titanium Dioxide Production	Same as permit allowable limits	3745-31-05 3745-17-11	No more than 41.2 lbs/hr and 181 TPY of TSP/PM ₁₀ emissions from all emission points.
			3745-21-08	0.183 lb CO/MMBTU for unit BA-811, 0.0483 lb CO/MMBTU for unit BA-814. CO emissions from the above named two emission points shall be limited to 2.88 lbs/hr and 12.6 TPY.
			3745-23-06	0.179 lb NO _x /MMBTU for unit BA-811, 0.224 lb NO _x /MMBTU for unit BA-814; NO _x emissions from the above named two emission points shall be limited to 4.33 lbs/hr and 19.0 TPY.

<u>Ohio EPA Source Number</u>	<u>Source Identification Description</u>	<u>BAT Determination</u>	<u>Applicable Federal & OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
P901	Titanium Dioxide Slurry Production	Same as permit allowable limits	3745-31-05 3745-17-11 3745-17-07	0.01 grains TSP/dscf for unit FD-946, 0.03 grains TSP/dscf for unit FG-44E, 0.015 grains TSP/dscf for unit FD-3A, FD-3C, FD-3E and FD-008A, and 0.0015 grains TSP/dscf for units FG-910 and FG-912; TSP/PM ₁₀ emissions from all above eight emission points shall be limited to 3.08 lbs/hr and 13.5 TPY; total source emissions shall be limited to 15.25 lbs/hr and 66.8 TPY.
			3745-21-08	0.034 lb CO/MMBTU, 0.94 lb/hr and 4.12 TPY of CO emissions from unit BA-946.
			3745-23-06	0.108 lb NO _x /MMBTU, 2.97 lbs/hr and 13.0 TPY of NO _x emissions from unit BA-946.

SUMMARY
TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

<u>Pollutant</u>	<u>Tons/Year</u>	<u>Tons/Year/Increase</u>
TSP/PM ₁₀	247.8	13.5
CO	16.72	16.72
NO _x	32.0	32.0

- (1) a limit of 0.030 grains TSP/dscf of exhaust gases from each exhaust point for units FD-921A, FD-921B, FD-926, FD-44A-D, FG44A-D, FD-3D, FD-008B, FG-8, FG-51, FG-52, FG-44E;
- (2) a limit of 0.015 grains TSP/dscf of exhaust gases from each exhaust point for units FG-928, FG-953, FG-954, FD-008A, FD-3A, FD-3C & FD-3E;
- (3) a limit of 0.010 grains TSP/dscf of exhaust gases from each exhaust point for units FA-537A, FA-537B, FD-946;
- (4) a limit of 0.0015 grains TSP/dscf of exhaust gases from each exhaust point for units FG-910, and FG-912;
- (5) a TSP limit of 15.25 lbs/hr and 66.8 tons/yr from all emission points at source P901;
- (6) a CO limit of 0.034 lb/MMBTU, 0.94 lb/hr and 4.12 TPY from the pigment dryer (BA-946); and
- (7) a NO_x limit of 0.108 lb/MMBTU, 2.97 lbs/hr and 13.0 TPY from the pigment dryer (BA-946).

C. The annual reports shall be submitted to the Northeast District Office by July 15 of each year for the previous calendar year.