John R. Kasich, Governor
Mary Taylor, Lt. Governor
Craig W. Butler, Director

11/25/2014

Certified Mail

No	TOXIC REVIEW
No	SYNTHETIC MINOR TO AVOID MAJOR NSR
No	CEMS
No	MACT/GACT
No	NSPS
No	NESHAPS
No	NETTING
No	MODELING SUBMITTED
No	SYNTHETIC MINOR TO AVOID TITLE V
No	FEDERALLY ENFORCABLE PTIO (FEPTIO)
No	SYNTHETIC MINOR TO AVOID MAJOR GHG

Mr. Michael Froman
AKZO NOBEL COATINGS, INC.
1313 WINDSOR AVENUE
Columbus, OH 43211

RE: FINALAIR POLLUTION PERMIT-TO-INSTALL AND OPERATE
Facility ID: 0125040064
Permit Number: P0117247
Permit Type: OAC Chapter 3745-31 Modification
County: Franklin

Dear Permit Holder:

Enclosed please find a final Ohio Environmental Protection Agency (EPA) Air Pollution Permit-to-Install and Operate (PTIO) which will allow you to install, modify, and/or operate the described emissions unit(s) in the manner indicated in the permit. Because this permit contains conditions and restrictions, please read it very carefully. In this letter you will find the information on the following topics:

- **How to appeal this permit**
- **How to save money, reduce pollution and reduce energy consumption**
- **How to give us feedback on your permitting experience**
- **How to get an electronic copy of your permit**

How to appeal this permit

The issuance of this PTIO is a final action of the Director and may be appealed to the Environmental Review Appeals Commission 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. The appeal must be filed with the Commission within thirty (30) days after notice of the Director's action. The appeal must be accompanied by a filing fee of $70.00, made payable to "Ohio Treasurer Josh Mandel," which the Commission, in its discretion, may reduce if by affidavit you demonstrate that payment of the full amount of the fee would cause extreme hardship. Notice of the filing of the appeal shall be filed with the Director within three (3) days of filing with the Commission. Ohio EPA requests that a copy of the appeal be served upon the Ohio Attorney General's Office, Environmental Enforcement Section. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission
77 South High Street, 17th Floor
Columbus, OH 43215

How to save money, reduce pollution and reduce energy consumption

The Ohio EPA is encouraging companies to investigate pollution prevention and energy conservation. Not only will this reduce pollution and energy consumption, but it can also save you money. If you would like to learn ways you can save money while protecting the environment, please contact our Office of Compliance Assistance and Pollution Prevention at (614) 644-3469. Additionally, all or a portion of the capital expenditures related to installing air pollution control equipment under this permit may be eligible for financing and State tax exemptions through the Ohio Air Quality Development Authority (OAQDA) under Ohio Revised Code Section 3706. For more information, see the OAQDA website: www.ohioairquality.org/clean_air

How to give us feedback on your permitting experience

Please complete a survey at www.epa.ohio.gov/survey.aspx and give us feedback on your permitting experience. We value your opinion.

How to get an electronic copy of your permit

This permit can be accessed electronically via the eBusiness Center: Air Services in Microsoft Word format or in Adobe PDF on the Division of Air Pollution Control (DAPC) Web page, www.epa.ohio.gov/dapc by clicking the "Search for Permits" link under the Permitting topic on the Programs tab.

If you have any questions, please contact Ohio EPA DAPC, Central District Office at (614)728-3778or the Office of Compliance Assistance and Pollution Prevention at (614) 644-3469.

Sincerely,

Erica R. Engel-Ishida, Manager
Permit Issuance and Data Management Section, DAPC

Cc: Ohio EPA-CDO

Response to Comments

Facility ID:	0125040064
Facility Name:	AKZO NOBEL COATINGS, INC.
Facility Description:	Paintings and allied products
Facility Address:	1313 WINDSOR AVENUE Columbus, OH 43211 Franklin County
Permit:	P0117247, Permit-To-Install and Operate - OAC Chapter 3745-31 Modification
A public notice for the draft permit issuance was published in the Ohio EPA Weekly Review and appeared in the The Columbus Dispatch on 10/08/2014. The comment period ended on 11/07/2014.	
Hearing date (if held)	**No request for hearing received**
Hearing Public Notice Date (if different from draft public notice)	Not Applicable

The following comments were received during the comment period specified. Ohio EPA reviewed and considered all comments received during the public comment period. By law, Ohio EPA has authority to consider specific issues related to protection of the environment and public health. Often, public concerns fall outside the scope of that authority. For example, concerns about zoning issues are addressed at the local level. Ohio EPA may respond to those concerns in this document by identifying another government agency with more direct authority over the issue.

In an effort to help you review this document, the questions are grouped by topic and organized in a consistent format. PDF copies of the original comments in the format submitted are available upon request.

1. Topic: additional terms – missing EUs in permit term

a. Comment:

Permit condition C.7.b)(2)j – The emission factor of 1.47 E-6 lbs PM/gal of product produced for Thindown Tank PM Large Batch Fugitive Stack covers EUs P202 and P213 through P224, and P226 through P255, but should also include EUs P346, P347, P375, and P376.

b. Response: This change has been made

FINAL

Division of Air Pollution Control
Permit-to-Install and Operate
for
AKZO NOBEL COATINGS, INC.

Facility ID:	0125040064
Permit Number:	P0117247
Permit Type:	OAC Chapter 3745-31 Modification
Issued:	11/25/2014
Effective:	11/25/2014
Expiration:	6/28/2015

Division of Air Pollution Control
Permit-to-Install and Operate
for
AKZO NOBEL COATINGS, INC.

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Authorization

Facility ID:	0125040064
Application Number(s):	A0051162, A0051621
Permit Number:	P0117247
Permit Description:	Chapter 31 modification for coil coatings
Permit Type:	OAC Chapter 3745-31 Modification
Permit Fee:	$22,400.00
Issue Date:	11/25/2014
Effective Date:	11/25/2014
Expiration Date:	6/28/2015

Permit Evaluation Report (PER) Annual Date: Jan 1 - Dec 31, Due Feb 15

This document constitutes issuance to:

AKZO NOBEL COATINGS, INC.
1313 WINDSOR AVENUE
Columbus, OH 43211

of a Permit-to-Install and Operate for the emissions unit(s) identified on the following page.

Ohio Environmental Protection Agency (EPA) District Office or local air agency responsible for processing and administering your permit:

Ohio EPA DAPC, Central District Office
50 West Town Street, 6th Floor
P.O. Box 1049
Columbus, OH 43216-1049
(614)728-3778

The above named entity is hereby granted this Permit-to-Install and Operate for the air contaminant source(s) (emissions unit(s))listed in this section 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 described emissions unit(s) will operate in compliance with applicable State and federal laws and regulations.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Craig W. Butler
Director

Authorization (continued)

Permit Number: P0117247
Permit Description: Chapter 31 modification for coil coatings

Permits for the following Emissions Unit(s) or groups of Emissions Units are in this document as indicated below:

Emissions Unit ID:	**J001**
Company Equipment ID:	LA-195
Superseded Permit Number:	01-06408
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	**P310**
Company Equipment ID:	FM
Superseded Permit Number:	01-06408
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	**P311**
Company Equipment ID:	W-11
Superseded Permit Number:	01-06408
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	**P312**
Company Equipment ID:	W-12
Superseded Permit Number:	01-06408
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	**P313**
Company Equipment ID:	Small Batch Portable Shaft Cleaner
Superseded Permit Number:	01-06408
General Permit Category and Type:	Not Applicable

Group Name: Filter Carts

Emissions Unit ID:	**P258**
Company Equipment ID:	FC-1
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P259**
Company Equipment ID:	FC-2
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P260**
Company Equipment ID:	FC-3
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P261**
Company Equipment ID:	FC-4
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P315**
Company Equipment ID:	FC-5
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P316**

Company Equipment ID:	FC-6
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P317**
Company Equipment ID:	FC-7
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P318**
Company Equipment ID:	FC-8
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P319**
Company Equipment ID:	FC-9
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P320**
Company Equipment ID:	FC-10
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P321**
Company Equipment ID:	FC-11
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P322**
Company Equipment ID:	FC-12
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P323**
Company Equipment ID:	FC-13
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P324**
Company Equipment ID:	FC-14
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P325**
Company Equipment ID:	FC-15
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable

Group Name: Large Batch

Emissions Unit ID:	**P201**
Company Equipment ID:	PM-241
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P202**
Company Equipment ID:	TD-242
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P203**
Company Equipment ID:	PM-211
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P204**
Company Equipment ID:	PM-221

Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P205**
Company Equipment ID:	PM-231
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P206**
Company Equipment ID:	PM-251
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P207**
Company Equipment ID:	PM-261
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P208**
Company Equipment ID:	PM-271
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P209**
Company Equipment ID:	PM-281
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P210**
Company Equipment ID:	PM-291
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P211**
Company Equipment ID:	PM-301
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P212**
Company Equipment ID:	TD-212
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P213**
Company Equipment ID:	TD-213
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P214**
Company Equipment ID:	TD-214
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P215**
Company Equipment ID:	TD-215
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P216**
Company Equipment ID:	TD-222
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P217**
Company Equipment ID:	TD-223
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P218**
Company Equipment ID:	TD-224

Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P219**
Company Equipment ID:	TD-232
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P220**
Company Equipment ID:	TD-233
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P221**
Company Equipment ID:	TD-234
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P222**
Company Equipment ID:	TD-267
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P223**
Company Equipment ID:	TD-243
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P224**
Company Equipment ID:	TD-244
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P226**
Company Equipment ID:	TD-252
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P227**
Company Equipment ID:	TD-253
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P228**
Company Equipment ID:	TD-254
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P229**
Company Equipment ID:	TD-255
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P230**
Company Equipment ID:	TD-262
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P231**
Company Equipment ID:	TD-263
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P232**
Company Equipment ID:	TD-264
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P233**
Company Equipment ID:	TD-265

Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P234**
Company Equipment ID:	TD-266
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P235**
Company Equipment ID:	TD-272
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P236**
Company Equipment ID:	TD-273
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P237**
Company Equipment ID:	TD-274
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P238**
Company Equipment ID:	TD-275
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P239**
Company Equipment ID:	TD-276
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P240**
Company Equipment ID:	TD-282
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P241**
Company Equipment ID:	TD-283
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P242**
Company Equipment ID:	TD-284
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P243**
Company Equipment ID:	TD-285
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P244**
Company Equipment ID:	TD-286
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P245**
Company Equipment ID:	TD-292
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P246**
Company Equipment ID:	TD-293
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P247**
Company Equipment ID:	TD-294

Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P248**
Company Equipment ID:	TD-295
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P249**
Company Equipment ID:	TD-296
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P250**
Company Equipment ID:	TD-297
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P251**
Company Equipment ID:	TD-302
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P252**
Company Equipment ID:	TD-303
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P253**
Company Equipment ID:	TD-304
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P254**
Company Equipment ID:	TD-305
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P255**
Company Equipment ID:	TD-306
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P346**
Company Equipment ID:	PT-812
Superseded Permit Number:	01-01323
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P347**
Company Equipment ID:	PT-813
Superseded Permit Number:	01-01323
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P375**
Company Equipment ID:	TD-213
Superseded Permit Number:	P0115713
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P376**
Company Equipment ID:	TD-214
Superseded Permit Number:	P0115713
General Permit Category andType:	Not Applicable

Group Name: Small Batch

Emissions Unit ID:	**P275**
Company Equipment ID:	AG-701
Superseded Permit Number:	01-06408

General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P276**
Company Equipment ID:	AG-702
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P277**
Company Equipment ID:	AG-703
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P278**
Company Equipment ID:	AG-704
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P279**
Company Equipment ID:	AG-705
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P280**
Company Equipment ID:	AG-706
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P281**
Company Equipment ID:	AG-707
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P282**
Company Equipment ID:	AG-708
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P283**
Company Equipment ID:	AG-709
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P284**
Company Equipment ID:	AG-710
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P285**
Company Equipment ID:	AG-711
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P286**
Company Equipment ID:	AG-712
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P287**
Company Equipment ID:	AG-713
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P288**
Company Equipment ID:	AG-714
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P289**
Company Equipment ID:	AG-715
Superseded Permit Number:	01-06408

General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P290**
Company Equipment ID:	AG-716
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P291**
Company Equipment ID:	AG-717
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P305**
Company Equipment ID:	AG-731
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P306**
Company Equipment ID:	AG-732
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P307**
Company Equipment ID:	AG-733
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P308**
Company Equipment ID:	AG-734
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P326**
Company Equipment ID:	AG-781
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P327**
Company Equipment ID:	AG-782
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P328**
Company Equipment ID:	AG-783
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P329**
Company Equipment ID:	AG-784
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P330**
Company Equipment ID:	AG-785
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P331**
Company Equipment ID:	AG-786
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P332**
Company Equipment ID:	AG-787
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P333**
Company Equipment ID:	AG-788
Superseded Permit Number:	01-06408

General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P334**
Company Equipment ID:	AG-789
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P335**
Company Equipment ID:	AG-790
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P371**
Company Equipment ID:	AG-736
Superseded Permit Number:	P0106471
General Permit Category andType:	Not Applicable

Group Name: Strontium Chromate

Emissions Unit ID:	**P256**
Company Equipment ID:	PM-751
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P257**
Company Equipment ID:	PM-761
Superseded Permit Number:	01-06408
General Permit Category andType:	Not Applicable

A. Standard Terms and Conditions

1. What does this permit-to-install and operate ("PTIO") allow me to do?

This permit allows you to install and operate the emissions unit(s) identified in this PTIO. You must install and operate the unit(s) in accordance with the application you submitted and all the terms and conditions contained in this PTIO, including emission limits and those terms that ensure compliance with the emission limits (for example, operating, recordkeeping and monitoring requirements).

2. Who is responsible for complying with this permit?

The person identified on the "Authorization" page, above, is responsible for complying with this permit until the permit is revoked, terminated, or transferred. "Person" means a person, firm, corporation, association, or partnership. The words "you," "your," or "permittee" refer to the "person" identified on the "Authorization" page above.

The permit applies only to the emissions unit(s) identified in the permit. If you install or modify any other equipment that requires an air permit, you must apply for an additional PTIO(s) for these sources.

3. What records must I keep under this permit?

You must keep all records required by this permit, including monitoring data, test results, strip-chart recordings, calibration data, maintenance records, and any other record required by this permit for five years from the date the record was created. You can keep these records electronically, provided they can be made available to Ohio EPA during an inspection at the facility. Failure to make requested records available to Ohio EPA upon request is a violation of this permit requirement.

4. What are my permit fees and when do I pay them?

There are two fees associated with permitted air contaminant sources in Ohio:

- PTIO fee.This one-time fee is based on a fee schedule in accordance with Ohio Revised Code (ORC) section 3745.11, or based on a time and materials charge for permit application review and permit processing if required by the Director.

  You will be sent an invoice for this fee after you receive this PTIO and payment is due within 30 days of the invoice date. You are required to pay the fee for this PTIO even if you do not install or modify your operations as authorized by this permit.

- Annual emissions fee.Ohio EPA will assess a separate fee based on the total annual emissions from your facility. You self-report your emissions in accordance with Ohio Administrative Code (OAC) Chapter 3745-78. This fee assessed is based on a fee schedule in ORC section 3745.11 and funds Ohio EPA's permit compliance oversight activities. For facilities that are permitted as synthetic minor sources, the fee schedule is adjusted annually for inflation. Ohio EPA will notify you when it is time to report your emissions and to pay your annual emission fees.

5. When does my PTIO expire, and when do I need to submit my renewal application?

This permit expires on the date identified at the beginning of this permit document (see "Authorization" page above) and you must submit a renewal application to renew the permit. Ohio EPA will send a renewal notice to you approximately six months prior to the expiration date of this permit. However, it is

very important that you submit a complete renewal permit application (postmarked prior to expiration of this permit) even if you do not receive the renewal notice.

If a complete renewal application is submitted before the expiration date, Ohio EPA considers this a timely application for purposes of ORC section 119.06, and you are authorized to continue operating the emissions unit(s) covered by this permit beyond the expiration date of this permit until final action is taken by Ohio EPA on the renewal application.

6. What happens to this permit if my project is delayed or I do not install or modify my source?

This PTIO expires 18 months after the issue date identified on the "Authorization" page above unless otherwise specified if you have not (1) started constructing the new or modified emission sources identified in this permit, or (2) entered into a binding contract to undertake such construction. This deadline can be extended by up to 12 months, provided you apply to Ohio EPA for this extension within a reasonable time before the 18-month period has ended and you can show good cause for any such extension.

7. What reports must I submit under this permit?

An annual permit evaluation report (PER) is required in addition to any malfunction reporting required by OAC rule 3745-15-06 or other specific rule-based reporting requirement identified in this permit. Your PER due date is identified in the Authorization section of this permit.

8. If I am required to obtain a Title V operating permit in the future, what happens to the operating provisions and PER obligations under this permit?

If you are required to obtain a Title V permit under OAC Chapter 3745-77 in the future, the permit-to-operate portion of this permit will be superseded by the issued Title V permit. From the effective date of the Title V permit forward, this PTIO will effectively become a PTI (permit-to-install) in accordance with OAC rule 3745-31-02(B). The following terms and conditions of this permit will no longer be applicable after issuance of the Title V permit: Section B, Term 1.b) and Section C, for each emissions unit, Term a)(2).

The PER requirements in this permit remain effective until the date the Title V permit is issued and is effective, and cease to apply after the effective date of the Title V permit. The final PER obligation will cover operations up to the effective date of the Title V permit and must be submitted on or before the submission deadline identified in this permit on the last day prior to the effective date of the Title V permit.

9. What are my obligations when I perform scheduled maintenance on air pollution control equipment?

You must perform scheduled maintenance of air pollution control equipment in accordance with OAC rule 3745-15-06(A). If scheduled maintenance requires shutting down or bypassing any air pollution control equipment, you must also shut down the emissions unit(s) served by the air pollution control equipment during maintenance, unless the conditions of OAC rule 3745-15-06(A)(3) are met. Any emissions that exceed permitted amount(s) under this permit (unless specifically exempted by rule) must be reported as deviations in the annual permit evaluation report (PER), including nonexempt excess emissions that occur during approved scheduled maintenance.

10. Do I have to report malfunctions of emissions units or air pollution control equipment? If so, how must I report?

If you have a reportable malfunction of any emissions unit(s) or any associated air pollution control system, you must report this to the [DO/LAA] in accordance with OAC rule 3745-15-06(B). Malfunctions that must be reported are those that result in emissions that exceed permitted emission levels. It is your responsibility to evaluate control equipment breakdowns and operational upsets to determine if a reportable malfunction has occurred.

If you have a malfunction, but determine that it is not a reportable malfunction under OAC rule 3745-15-06(B), it is recommended that you maintain records associated with control equipment breakdown or process upsets. Although it is not a requirement of this permit, Ohio EPA recommends that you maintain records for non-reportable malfunctions.

11. Can Ohio EPA or my local air agency inspect the facility where the emission unit(s) is/are located?

Yes. Under Ohio law, the Director or his authorized representative may inspect the facility, conduct tests, examine records or reports to determine compliance with air pollution laws and regulations and the terms and conditions of this permit. You must provide, within a reasonable time, any information Ohio EPA requests either verbally or in writing.

12. What happens if one or more emissions units operated under this permit is/are shut down permanently?

Ohio EPA can terminate the permit terms associated with any permanently shut down emissions unit. "Shut down" means the emissions unit has been physically removed from service or has been altered in such a way that it can no longer operate without a subsequent "modification" or "installation" as defined in OAC Chapter 3745-31.

You should notify Ohio EPA of any emissions unit that is permanently shut down by submitting a certification that identifies the date on which the emissions unit was permanently shut down. The certification must be submitted by an authorized official from the facility. You cannot continue to operate an emission unit once the certification has been submitted to Ohio EPA by the authorized official.

You must comply with all recordkeeping and reporting for any permanently shut down emissions unit in accordance with the provisions of the permit, regulations or laws that were enforceable during the period of operation, such as the requirement to submit a PER, air fee emission report, or malfunction report. You must also keep all records relating to any permanently shutdown emissions unit, generated while the emissions unit was in operation, for at least five years from the date the record was generated.

Again, you cannot resume operation of any emissions unit certified by the authorized official as beingpermanently shut down without first applying for and obtaining a permit pursuantto OAC Chapter 3745-31.

13. Can I transfer this permit to a new owner or operator?

You can transfer this permit to a new owner or operator. If you transfer the permit, you must follow the procedures in OAC Chapter 3745-31, including notifying Ohio EPA or the local air agency of the change in ownership or operator. Any transferee of this permit must assume the responsibilities of the transferor permit holder.

14. Does compliance with this permit constitute compliance with OAC rule 3745-15-07, "air pollution nuisance"?

This permit and OAC rule 3745-15-07 prohibit operation of the air contaminant source(s) regulated under this permit in a manner that causes a nuisance. Ohio EPA can require additional controls or modification of the requirements of this permit through enforcement orders or judicial enforcement action if, upon investigation, Ohio EPA determines existing operations are causing a nuisance.

15. What happens if a portion of this permit is determined to be invalid?

If a portion of this permit is determined to be invalid, the remainder of the terms and conditions remain valid and enforceable. The exception is where the enforceability of terms and conditions are dependent on the term or condition that was declared invalid.

B. Facility-Wide Terms and Conditions

1. This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

   a) For the purpose of a permit-to-install document, the facility-wide terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.

      (1) None.

   b) For the purpose of a permit-to-operate document, the facility-wide terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.

      (1) None.

C. Emissions Unit Terms and Conditions

1. J001, LA-195

Operations, Property and/or Equipment Description:

Resin Tanker Loading Arm

a) This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

(1) For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.

a. d)(5)

(2) For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.

a. b)(1)a., b)(2)c through b)(2)i., c(1), d)(1) through(4) , d)(6),d)(7), e)(1),e)(2),e)(6) and f)(1)a. through f)(1)e.

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(D)	See b)(2)c through b)(2)i.
b.	OAC rule 3745-31-05(A)(3), as effective 11/30/01	The permittee shall control VOC emissions from this emissions unit through the use of a Regenerative Thermal Oxidizer with a designed minimum control efficiency of 97.55%. See b)(2)a below.
c.	OAC rule 3745-31-05(A)(3), as effective 12/01/06	See b)(2)b below.

(2) Additional Terms and Conditions

a. The permittee has satisfied the Best Available Technology (BAT) requirements pursuant to OAC paragraph 3745-31-05(A)(3), as effective November 30, 2001, in this permit. On December 1, 2006, paragraph (A)(3) of OAC rule 3745-31-05 was revised to conform to ORC changes effective August 3, 2006 (S.B. 265

changes), such that BAT is no longer required by State regulations for NAAQS pollutants less than ten tons per year. However, that rule revision has not yet been approved by U.S. EPA as a revision to Ohio's State Implementation Plan (SIP). Therefore, until the SIP revision occurs and the U.S. EPA approves the revisions to OAC rule 3745-31-05, the requirement to satisfy BAT still exists as part of the federally approved SIP for Ohio. Once U.S. EPA approves the December 1, 2006 version of 3745-31-05, then these emission limits/control measures no longer apply.

This rule paragraph applies once U.S. EPA approves the December 1, 2006 version of OAC rule 3745-31-05 as part of the State implementation Plan.

b. The Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) do not apply to the VOC emissions from these air contaminant sources since the uncontrolled potential to emit for VOC emissions is less than 10 tons per year.

c. The VOC emissions from this emissions unit shall be vented to the thermal oxidizer that shall meet the operational, monitoring, and record keeping requirements of this permit, when the emissions unit is in operation.

d. The permittee shall control VOC emissions from this emissions unit through the use of a Regenerative Thermal Oxidizer with a minimum control efficiency of 97.55%.

e. The emissions from the loading arm (J001) shall not exceed the following:

Volatile Organic Compounds (VOC) 0.025 ton/year

f. This facility shall utilize a Loading Arm VOC Concentrator/Oxidizer (hereinafter "Conc/Ox") emission factor of 4.901 E-5 lbs. OC/gal. of throughput for emissions unit J001 unless otherwise approved in writing by Ohio EPA, CDO. This emission factor was developed in accordance with the permit application submitted July 7, 2014.

g. Emissions of any individual HAP from all emission units located at this facility included as part of the coil/extrusion coating operation shall not exceed 6.14 tons per year, as a rolling, 12-month summation.

h. Emissions of VOC from all all emission units located at this facility included as part of the coil/extrusion coating operation shall not exceed 19.54 tons per year, as a rolling, 12-month summation.

i. Emissions of Total HAP from all all emission units located at this facility included as part of the coil/extrusion coating operation shall not exceed 10.41 tons per year, as a rolling, 12-month summation.

j. The coil/extrusion coating portion of this facility includes those emission units covered by Air Permit to Install and Operate number P0117273 and this permit.

c) Operational Restrictions

(1) The maximum rolling twelve (12) month coatings production rate for the Loading Arm (emissions unit J001) shall be limited to 1,000,000 gallons. The production emissions will be assigned to the day the coating is drained from the letdown tank (corresponds to filling report).

d) Monitoring and/or Recordkeeping Requirements

(1) In order to maintain compliance with the applicable emission limitation(s) contained in this permit, the acceptable average combustion temperature within the thermal oxidizer, for any 3-hour block of time when the emissions unit(s) controlled by the thermal oxidizer is/are in operation, shall not be more than 50 degrees Fahrenheit below the average temperature measured during the most recent performance test that demonstrated the emissions unit(s) was/were in compliance.

(2) The permittee shall properly install, operate, and maintain a continuous temperature monitor and recorder that measures and records the combustion temperature within the thermal oxidizer when the emissions unit(s) is/are in operation, including periods of startup and shutdown. Units shall be in degrees Fahrenheit. The accuracy for each thermocouple, monitor, and recorder shall be guaranteed by the manufacturer to be within ± 1 percent of the temperature being measured or ± 5 degrees Fahrenheit, whichever is greater. The temperature monitor and recorder shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and the operating manuals, with any modifications deemed necessary by the permittee. The permittee shall collect and record the following information each day the emissions unit(s) is/are in operation:

a. all 3-hour blocks of time, when the emissions unit(s) controlled by the thermal oxidizer was/were in operation, during which the average combustion temperature within the thermal oxidizer was more than 50 degrees Fahrenheit below the average temperature measured during the most recent performance test that demonstrated the emissions unit(s) was/were in compliance; and

b. a log (date and total time) of the downtime or bypass of the capture (collection) system and thermal oxidizer, and/or downtime of the monitoring equipment, when the associated emissions unit(s) was/were in operation.

These records shall be maintained at the facility for a period of three years.

(3) Whenever the monitored average combustion temperature within the thermal oxidizer deviates from the range or limit established in accordance with this permit, the permittee shall promptly investigate the cause of the deviation. The permittee shall maintain records of the following information for each investigation:

a. the date and time the deviation began;

b. the magnitude of the deviation at that time;

c. the date the investigation was conducted;

d. the name(s) of the personnel who conducted the investigation; and

e. the findings and recommendations.

In response to each required investigation to determine the cause of a deviation, the permittee shall take prompt corrective action to bring the operation of the control equipment within the acceptable range/limit specified in this permit, unless the permittee determines that corrective action is not necessary and documents the reasons for that determination and the date and time the deviation ended. The permittee shall maintain records of the following information for each corrective action taken:

f. a description of the corrective action;

g. the date corrective action was completed;

h. the date and time the deviation ended;

i. the total period of time (in minutes) during which there was a deviation;

j. the temperature readings immediately after the corrective action was implemented; and

k. the name(s) of the personnel who performed the work.

Investigation and records required by this paragraph do not eliminate the need to comply with the requirements of OAC rule 3745-15-06 if it is determined that a malfunction has occurred.

(4) The temperature range/limit is effective for the duration of this permit, unless revisions are requested by the permittee and approved in writing by the appropriate Ohio EPA District Office or local air agency. The permittee may request revisions to the permitted temperature range/limit based upon information obtained during future performance tests that demonstrate compliance with the allowable emission rate(s) for the controlled pollutant(s). In addition, approved revisions to the temperature range/limit will not constitute a relaxation of the monitoring requirements of this permit and may be incorporated into this permit by means of an administrative modification.

(5) Modeling to demonstrate compliance with, the “Toxic Air Contaminant Statute”, ORC 3704.03(F)(4)(b), was not necessary because the emissions unit’s maximum annual emissions for each toxic air contaminant, as defined in OAC rule 3745-114-01, will be less than 1.0 ton per year. OAC Chapter 3745-31 requires a permittee to apply for and obtain a new or modified FEPTIO prior to making a "modification" as defined by OAC rule 3745-31-01. The permittee is hereby advised that changes in the composition of the materials, or use of new materials, that would cause the emissions of any toxic air contaminant to increase to above 1.0 ton per year may require the permittee to apply for and obtain a new FEPTIO.

(6) Thisfacility shallmaintainmonthlyrecords whichlistthefollowinginformationforproductsproducedinthe for the coil/extrusion coating portion of this facility:

a. calculationsshowingthe rolling, 12-month individual HAP emissions for each HAP for all the materials employed; and

b. calculationsshowingthe rolling, 12-month total combined HAPs emissions for all the materials employed; and

c. calculationsshowingthe rolling, 12-month total VOC emissions for all the materials employed.

(7) Thisfacility shallmaintaindailyrecordswhichliststhefollowinginformationfor allproductshandled by the loading arm. (emissions unit J001)

a. thenumber ofgallons ofproductthroughput;

b. thetotalhours ofdailyoperation;

e) Reporting Requirements

(1) ThisfacilityshallsubmitquarterlyreportstotheCentralDistrictOffice,whichprovidethetotalV O C emissionsfortheloading arm (J001),andwhichdocumentsanyexceedance(s)ofthepermittedproduction throughputrate and/oremissionslimits,forthepreviousthree(3)calendarmonths(October1 throughDecember31,January1throughMarch31,April1throughJune30,and July1 through September30,respectively).ThereportsshallbesubmittedbyFebruary15,May15,August15,a nd November15ofeachyear.

(2) The permittee shall submit quarterly summaries of the following records:

a. all 3-hour blocks of time (when the emissions unit(s) was/were in operation) during which the average combustion temperature within the thermal oxidizer was more than 50 degrees Fahrenheit below the average temperature maintained during the most recent performance test that demonstrated the emissions unit(s) was/were in compliance;

b. any records of downtime (date and length of time) for the capture (collection) system, the thermal oxidizer, and/or the monitoring equipment when the emissions unit(s) was/were in operation; and

c. a log of the operating time for the capture system, thermal oxidizer, monitoring equipment, and the emissions unit(s).

d. all exceedances of the rolling, rolling 12-month limitation of the production rate;

These quarterly reports shall be submitted by April 30, July 31, October 31, and January 31, and shall cover the records for the previous calendar quarters.

(3) Unless other arrangements have been approved by the Director, all notifications and reports shall be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal.

(4) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA. The PER must be completed electronically and submitted via the Ohio EPA e-Business Center: Air Services by the due date identified in the Authorization section of this permit. The permit evaluation report shall cover a reporting period of no more than twelve months for each air contaminant source identified in this permit.

(5) The permittee shall identify in the annual permit evaluation report the following information concerning the operations of the thermal oxidizer during the 12-month reporting period for this/these emissions unit(s):

a. each period of time (start time and date, and end time and date) when the average combustion temperature within the thermal oxidizer was outside of the acceptable range;

b. any period of time (start time and date, and end time and date) when the emissions unit(s) was/were in operation and the process emissions were not vented to the thermal oxidizer;

c. each incident of deviation described in “a” or “b” (above) where a prompt investigation was not conducted;

d. each incident of deviation described in “a” or “b” where prompt corrective action, that would bring the emissions unit(s) into compliance and/or the temperature within the thermal oxidizer into compliance with the acceptable range, was determined to be necessary and was not taken; and

e. each incident of deviation described in “a” or “b” where proper records were not maintained for the investigation and/or the corrective action(s), as identified in the monitoring and record keeping requirements of this permit.

(6) The permittee shall submit quarterly deviation (excursion) reports that identify the following information:

a. all exceedances of the rolling, 12-month individual HAP emission limitation for each HAP for all the materials employed; and

b. allexceedances of the rolling, 12-month total combined HAPs emission limitation for all the materials employed.

c. allexceedances of the rolling, 12-month total VOC emission limitation for all the materials employed.

f) Testing Requirements

(1) Compliance with the Emissions Limitations and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:

a. Emission Limitations: The permittee shall control VOC emissions from this emissions unit through the use of a Regenerative Thermal Oxidizer with a minimum control efficiency of 97.55%

Applicable Compliance Method: The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:

i. The emission testing shall be conducted within 6 months after issuance of this permit and within 6 months prior to permit renewal.

ii. The emission testing shall be conducted to demonstrate compliance with the minimum VOC control efficiency of 97.55%

iii. The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s) for:

VOC, Methods 1-4 and 25 and/or 18 of 40 CFR Part 60, Appendix A

Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.

The control efficiency (i.e., the percent reduction in mass emissions between the inlet and outlet of the control system) shall be determined in accordance with the test methods and procedures specified in 3745-21-10 or an alternative test protocol approved by the Ohio EPA. The test methods and procedures selected shall be based on a consideration of the diversity of the organic species present and their total concentration, and on a consideration of the potential presence of interfering gases.

iv. The test(s) shall be conducted while the facility is operating at or near its maximum capacity unless otherwise specified or approved by the Ohio EPA, CDO.

Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA, Central District Office. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA, Central District Office's refusal to accept the results of the emission test(s).

Personnel from the Ohio EPA, Central District Office shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the Ohio EPA, Central District Office within 30 days following

completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the Ohio EPA, Central District Office.

b. Emissions Limitation: VOC emissions from the Loading Arm (J001) shall not exceed 0.025ton per year.

Applicable Compliance Method: Compliance with the annual emissions limitation shall be determined by the actual 12 month summation of VOC emissions produced, in tons per year, (as derived from the records required by term and condition d)(6) above)..

c. Emission Limitation: Emissions of any individual HAP from all emission units located at this facility included as part of the coil/extrusion coating operation shall not exceed 6.14 tons per year, as a rolling, 12-month summation.

Applicable Compliance Method: Compliance with the rolling 12 month emissions limitation shall be determined by the actual rolling 12 month summation of individual HAP emissions produced, in tons per rolling 12 month period, (as derived from the records required by term and condition d)(6) above).

d. Emission Limitation: Emissions of VOC from all emission units located at this facility included as part of the coil/extrusion coating operation shall not exceed 19.54 tons per year, as a rolling, 12-month summation.

Applicable Compliance: Compliance with the rolling 12 month emissions limitation shall be determined by the actual rolling 12 month summation of VOC emissions produced, in tons per rolling 12 month period, (as derived from the records required by term and condition d)(6) above).

e. Emission Limitation: Emissions of Total HAP from all emission units located at this facility included as part of the coil/extrusion coating operation shall not exceed 10.41 tons per year, as a rolling, 12-month summation

Applicable Compliance Method: Method: Compliance with the rolling 12 month emissions limitation shall be determined by the actual rolling 12 month summation of total HAP emissions produced, in tons per rolling 12 month period, (as derived from the records required by term and condition d)(6) above).

f. Emission Limitation: Visible particulate emissions from the stack shall not exceed 20% opacity as a 6-minute average.

Applicable Compliance Method: Compliance shall be determined using Method 9 as set forth in 40 CFR Part 60 Appendix A, as such appendix existed on July 1, 1996 and the modifications listed in paragraphs (B)(3)(a) and (B)(3)(b) of OAC rule 3745-17-03.

g) Miscellaneous Requirements

(1) None.

2. P310, FM

Operations, Property and/or Equipment Description:

Floor Mopping

a) This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

(1) For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.

a. d)(2)

(2) For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.

a. b)(1)a., b)(2)c through b)(2)i., c(1), d)(3) , e)(1),e)(3) & and f)(1)a. through f)(1)d.

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(D)	See b)(2)c through b)(2)i.
b.	OAC rule 3745-31-05(A)(3), as effective 11/30/01	The emission limitation established by this rule is equal to or less stringent than OAC rule 3745-31-05(D)
c.	OAC rule 3745-31-05(A)(3), as effective 12/01/06	See b)(2)b below.

(2) Additional Terms and Conditions

a. The permittee has satisfied the Best Available Technology (BAT) requirements pursuant to OAC paragraph 3745-31-05(A)(3), as effective November 30, 2001, in this permit. On December 1, 2006, paragraph (A)(3) of OAC rule 3745-31-05 was revised to conform to ORC changes effective August 3, 2006 (S.B. 265 changes), such that BAT is no longer required by State regulations for NAAQS pollutants less than ten tons per year. However, that rule revision has not yet been approved by U.S. EPA as a revision to Ohio's State Implementation Plan (SIP). Therefore, until the SIP revision occurs and the U.S. EPA approves the revisions to OAC rule 3745-31-05, the requirement to satisfy BAT still exists as

part of the federally approved SIP for Ohio. Once U.S. EPA approves the December 1, 2006 version of 3745-31-05, then these emission limits/control measures no longer apply.

This rule paragraph applies once U.S. EPA approves the December 1, 2006 version of OAC rule 3745-31-05 as part of the State implementation Plan.

b. The Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) do not apply to the VOC emissions from these air contaminant sources since the uncontrolled potential to emit for VOC emissions is less than 10 tons per year.

c. The emissions from emissions unit P310 shall not exceed the following:

Volatile Organic Compounds (VOC) 2.19 tons/year

d. This facility shall utilize a Floor Mop VOC Small Batch Fugitive Stack emission factor of 7.84 lbs. VOC/gal. of material evaporated from this emissions unit in the Small Batch Production Area, unless otherwise approved in writing by Ohio EPA, CDO. This emission factor was developed in accordance with the permit application submitted July 7, 2014.

e. This facility shall utilize a Floor Mop VOC Truck Bay Door emission factor of 0.16 lbs. OC/gal. of material evaporated from this emissions unit, unless otherwise approved in writing by Ohio EPA, CDO. This emission factor was developed in accordance with the permit application submitted July 7, 2014.

f. This facility shall utilize a Floor Mop VOC Large Batch Fugitive Stack emission factor of 7.84 lbs. OC/gal. of material evaporated from this emissions unit in the Large Batch Production Area, unless otherwise approved in writing by Ohio EPA, CDO.This emission factor was developed in accordance with the permit application submitted July 7, 2014.

g. Emissions of any individual HAP from all emission units located at this facility included as part of the coil/extrusion coating operation shall not exceed 6.14 tons per year, as a rolling, 12-month summation.

h. Emissions of VOC from all all emission units located at this facility included as part of the coil/extrusion coating operation shall not exceed 19.54 tons per year, as a rolling, 12-month summation.

i. Emissions of Total HAP from all all emission units located at this facility included as part of the coil/extrusion coating operation shall not exceed 10.41 tons per year, as a rolling, 12-month summation.

j. The coil/extrusion coating portion of this facility includes those emission units covered by Air Permit to Install and Operate number P0117273 and this permit.

c) Operational Restrictions

(1) The maximum rolling twelve (12) month material usage rate for emission unit P310 shall be limited to 548 gallons.

d) Monitoring and/or Recordkeeping Requirements

(1) This facility shall maintain daily records which list the following information for materials evaporated in this emissions unit, P310:

a. the number of gallons of reclaim solvent evaporated;

b. the production area where the floor was mopped;

c. the total hours of daily operation;

(2) Modeling to demonstrate compliance with, the “Toxic Air Contaminant Statute”, ORC 3704.03(F)(4)(b), was not necessary because the emissions unit’s maximum annual emissions for each toxic air contaminant, as defined in OAC rule 3745-114-01, will be less than 1.0 ton per year. OAC Chapter 3745-31 requires a permittee to apply for and obtain a new or modified FEPTIO prior to making a "modification" as defined by OAC rule 3745-31-01. The permittee is hereby advised that changes in the composition of the materials, or use of new materials, that would cause the emissions of any toxic air contaminant to increase to above 1.0 ton per year may require the permittee to apply for and obtain a new FEPTIO.

(3) Thisfacility shallmaintainmonthlyrecords whichliststhefollowinginformationforproductsproducedinthe for the coil/extrusion coating portion of this facility:

a. calculationsshowingthe rolling, 12-month individual HAP emissions for each HAP for all the materials employed; and

b. calculationsshowingthe rolling, 12-month total combined HAPs emissions for all the materials employed; and

c. calculationsshowingthe rolling, 12-month total VOC emissions for all the materials employed.

e) Reporting Requirements

(1) ThisfacilityshallsubmitquarterlyreportstotheCentralDistrictOffice,whichprovidethetotalV O C emissionsfor emissions unit P310,andwhichdocumentsanyexceedance(s)ofthepermittedproduction throughputrate and/oremissionslimits,forthepreviousthree(3)calendarmonths(October1 throughDecember31,January1throughMarch31,April1throughJune30,and July1 through September30,respectively).ThereportsshallbesubmittedbyFebruary15,May15,August15,a nd November15ofeachyear.

Unless other arrangements have been approved by the Director, all notifications and reports shall be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal.

(2) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA. The PER must be completed electronically and submitted via the Ohio EPA e-Business Center: Air Services by the due date identified in the Authorization section of this permit. The permit evaluation report shall cover a reporting period of no more than twelve months for each air contaminant source identified in this permit.

(3) The permittee shall submit quarterly deviation (excursion) reports that identify the following information:

a. all exceedances of the rolling, 12-month individual HAP emission limitation for each HAP for all the materials employed; and

b. allexceedances of the rolling, 12-month total combined HAPs emission limitation for all the materials employed.

c. allexceedances of the rolling, 12-month total VOC emission limitation for all the materials employed.

f) Testing Requirements

(1) Compliance with the Emissions Limitations and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:

a. Emissions Limitation: VOC emissions from emissions unit P310 shall not exceed 2.19tons per year.

Applicable Compliance Method: Compliance with the annual emissions limitation shall be determined by the actual 12 month summation of VOC emissions produced, in tons per year, (as derived from the records required by term and condition d)(3) above).

b. Emission Limitation: Emissions of any individual HAP from all emission units located at this facility included as part of the coil/extrusion coating operation shall not exceed 6.14 tons per year, as a rolling, 12-month summation.

Applicable Compliance Method: Compliance with the rolling 12 month emissions limitation shall be determined by the actual rolling 12 month summation of individual HAP emissions produced, in tons per rolling 12 month period, (as derived from the records required by term and condition d)(3) above).

c. Emission Limitation: Emissions of VOC from all emission units located at this facility included as part of the coil/extrusion coating operation shall not exceed 19.54 tons per year, as a rolling, 12-month summation.

Applicable Compliance: Compliance with the rolling 12 month emissions limitation shall be determined by the actual rolling 12 month summation of VOC emissions produced, in tons per rolling 12 month period, (as derived from the records required by term and condition d)(3) above).

d. Emission Limitation: Emissions of Total HAP from all emission units located at this facility included as part of the coil/extrusion coating operation shall not exceed 10.41 tons per year, as a rolling, 12-month summation

Applicable Compliance Method: Method: Compliance with the rolling 12 month emissions limitation shall be determined by the actual rolling 12 month summation of total HAP emissions produced, in tons per rolling 12 month period, (as derived from the records required by term and condition d)(3) above).

g) Miscellaneous Requirements

(1) None.

3. P311, W-11

Operations, Property and/or Equipment Description:

Pail Washer

a) This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

(1) For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.

a. d)(5)

(2) For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.

a. b)(1)a., b)(2)c through b)(2)k., c(1), d)(1) through d(4), d(6), d)(7) , e)(1),e)(4) & and f)(1)a. through f)(1)e.

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(D)	See b)(2)c through b)(2)k.
b.	OAC rule 3745-31-05(A)(3), as effective 11/30/01	The permittee shall control VOC emissions from this emissions unit through the use of a Regenerative Thermal Oxidizer with a designed minimum control efficiency of 97.55%. See b)(2)a below.
c.	OAC rule 3745-31-05(A)(3), as effective 12/01/06	See b)(2)b below.

(2) Additional Terms and Conditions

a. The permittee has satisfied the Best Available Technology (BAT) requirements pursuant to OAC paragraph 3745-31-05(A)(3), as effective November 30, 2001, in this permit. On December 1, 2006, paragraph (A)(3) of OAC rule 3745-31-05 was revised to conform to ORC changes effective August 3, 2006 (S.B. 265

changes), such that BAT is no longer required by State regulations for NAAQS pollutants less than ten tons per year. However, that rule revision has not yet been approved by U.S. EPA as a revision to Ohio's State Implementation Plan (SIP). Therefore, until the SIP revision occurs and the U.S. EPA approves the revisions to OAC rule 3745-31-05, the requirement to satisfy BAT still exists as part of the federally approved SIP for Ohio. Once U.S. EPA approves the December 1, 2006 version of 3745-31-05, then these emission limits/control measures no longer apply.

This rule paragraph applies once U.S. EPA approves the December 1, 2006 version of OAC rule 3745-31-05 as part of the State implementation Plan.

b. The Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) do not apply to the VOC emissions from these air contaminant sources since the uncontrolled potential to emit for VOC emissions is less than 10 tons per year.

c. The VOC emissions from this emissions unit shall be vented to the thermal oxidizer that shall meet the operational, monitoring, and record keeping requirements of this permit, when the emissions unit is in operation.

d. The permittee shall control VOC emissions from this emissions unit through the use of a Regenerative Thermal Oxidizer with a minimum control efficiency of 97.55%.

e. The emissions from P311 shall not exceed the following:

Volatile Organic Compounds (VOC) 0.09 ton/year

f. This facility shall utilize a Pail Washer Truck Bay Door emission factor of 3.828 E-5 lbs. VOC/cycle for emissions unit P311, unless otherwise approved in writing by Ohio EPA, CDO.This emission factor was developed in accordance with the permit application submitted July 7, 2014.

g. This facility shall utilize a Pail Washer Small Batch Fugitive Stack emission factor of 9.379 E-4lbs. VOC/cycle for emissions unit P311, unless otherwise approved in writing by Ohio EPA, CDO. This emission factor was developed in accordance with the permit application submitted July 7, 2014.

h. This facility shall utilize a Pail Washer Conc/Ox emission factor of 2.28 E-3 lbs. VOC/cycle for emissions unit P311, unless otherwise approved in writing by Ohio EPA, CDO.This emission factor was developed in accordance with the permit application submitted July 7, 2014.

i. Emissions of any individual HAP from all emission units located at this facility included as part of the coil/extrusion coating operation shall not exceed 6.14 tons per year, as a rolling, 12-month summation.

j. Emissions of VOC from all all emission units located at this facility included as part of the coil/extrusion coating operation shall not exceed 19.54 tons per year, as a rolling, 12-month summation.

k. Emissions of Total HAP from all all emission units located at this facility included as part of the coil/extrusion coating operation shall not exceed 10.41 tons per year, as a rolling, 12-month summation.

l. The coil/extrusion coating portion of this facility includes those emission units covered by Air Permit to Install and Operate number P0117273 and this permit.

c) Operational Restrictions

(1) Thepailwasher,emissions unitP311,shallbelimitedtoonehundredtwenty(120)cycles perday.

d) Monitoring and/or Recordkeeping Requirements

(1) In order to maintain compliance with the applicable emission limitation(s) contained in this permit, the acceptable average combustion temperature within the thermal oxidizer, for any 3-hour block of time when the emissions unit(s) controlled by the thermal oxidizer is/are in operation, shall not be more than 50 degrees Fahrenheit below the average temperature measured during the most recent performance test that demonstrated the emissions unit(s) was/were in compliance.

(2) The permittee shall properly install, operate, and maintain a continuous temperature monitor and recorder that measures and records the combustion temperature within the thermal oxidizer when the emissions unit(s) is/are in operation, including periods of startup and shutdown. Units shall be in degrees Fahrenheit. The accuracy for each thermocouple, monitor, and recorder shall be guaranteed by the manufacturer to be within ± 1 percent of the temperature being measured or ± 5 degrees Fahrenheit, whichever is greater. The temperature monitor and recorder shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and the operating manuals, with any modifications deemed necessary by the permittee. The permittee shall collect and record the following information each day the emissions unit(s) is/are in operation:

a. all 3-hour blocks of time, when the emissions unit(s) controlled by the thermal oxidizer was/were in operation, during which the average combustion temperature within the thermal oxidizer was more than 50 degrees Fahrenheit below the average temperature measured during the most recent performance test that demonstrated the emissions unit(s) was/were in compliance; and

b. a log (date and total time) of the downtime or bypass of the capture (collection) system and thermal oxidizer, and/or downtime of the monitoring equipment, when the associated emissions unit(s) was/were in operation.

These records shall be maintained at the facility for a period of three years.

(3) Whenever the monitored average combustion temperature within the thermal oxidizer deviates from the range or limit established in accordance with this permit, the permittee shall promptly investigate the cause of the deviation. The permittee shall maintain records of the following information for each investigation:

a. the date and time the deviation began;

b. the magnitude of the deviation at that time;

c. the date the investigation was conducted;

d. the name(s) of the personnel who conducted the investigation; and

e. the findings and recommendations.

In response to each required investigation to determine the cause of a deviation, the permittee shall take prompt corrective action to bring the operation of the control equipment within the acceptable range/limit specified in this permit, unless the permittee determines that corrective action is not necessary and documents the reasons for that determination and the date and time the deviation ended. The permittee shall maintain records of the following information for each corrective action taken:

f. a description of the corrective action;

g. the date corrective action was completed;

h. the date and time the deviation ended;

i. the total period of time (in minutes) during which there was a deviation;

j. the temperature readings immediately after the corrective action was implemented; and

k. the name(s) of the personnel who performed the work.

Investigation and records required by this paragraph do not eliminate the need to comply with the requirements of OAC rule 3745-15-06 if it is determined that a malfunction has occurred.

(4) The temperature range/limit is effective for the duration of this permit, unless revisions are requested by the permittee and approved in writing by the appropriate Ohio EPA District Office or local air agency. The permittee may request revisions to the permitted temperature range/limit based upon information obtained during future performance tests that demonstrate compliance with the allowable emission rate(s) for the controlled pollutant(s). In addition, approved revisions to the temperature range/limit will not constitute a relaxation of the monitoring requirements of this permit and may be incorporated into this permit by means of aadministrative modification.

(5) Modeling to demonstrate compliance with, the “Toxic Air Contaminant Statute”, ORC 3704.03(F)(4)(b), was not necessary because the emissions unit’s maximum annual emissions for each toxic air contaminant, as defined in OAC rule 3745-114-01, will be

less than 1.0 ton per year. OAC Chapter 3745-31 requires a permittee to apply for and obtain a new or modified FEPTIO prior to making a "modification" as defined by OAC rule 3745-31-01. The permittee is hereby advised that changes in the composition of the materials, or use of new materials, that would cause the emissions of any toxic air contaminant to increase to above 1.0 ton per year may require the permittee to apply for and obtain a new FEPTIO.

(6) Thisfacility shallmaintainmonthlyrecords whichlistthefollowinginformationforproductsproducedinthe for the coil/extrusion coating portion of this facility:

a. calculationsshowingthe rolling, 12-month individual HAP emissions for each HAP for all the materials employed; and

b. calculationsshowingthe rolling, 12-month total combined HAPs emissions for all the materials employed; and

c. calculationsshowingthe rolling, 12-month total VOC emissions for all the materials employed.

(7) This facility shall maintain daily records which list the following information for Emissions Unit P311:

a. the types of solvents including density employed and the vapor pressure of each solvent (pounds per square inch absolute) measured at one hundred degrees Fahrenheit for each emissions unit;

b. the gallons of solvent disposed of as waste;

c. the number of cycles of the emissions unit;

d. the total hours of daily operation of the emissions unit;

e) Reporting Requirements

(1) ThisfacilityshallsubmitquarterlyreportstotheCentralDistrictOffice,whichprovidethetotal V O C emissionsforemissions unit P311,andwhichdocumentsanyexceedance(s)ofthepermittedproduction throughputrate and/oremissionslimits,forthepreviousthree(3)calendarmonths(October1 throughDecember31,January1throughMarch31,April1throughJune30,and July1 through September30,respectively).ThereportsshallbesubmittedbyFebruary15,May15,August15,a nd November15ofeachyear.

(2) Unless other arrangements have been approved by the Director, all notifications and reports shall be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal.

(3) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA. The PER must be completed electronically and submitted via the Ohio EPA e-Business Center: Air Services by the due date identified in the Authorization section of this permit.

The permit evaluation report shall cover a reporting period of no more than twelve months for each air contaminant source identified in this permit.

(4) The permittee shall submit quarterly deviation (excursion) reports that identify the following information:

a. all exceedances of the rolling, 12-month individual HAP emission limitation for each HAP for all the materials employed; and

b. allexceedances of the rolling, 12-month total combined HAPs emission limitation for all the materials employed.

c. allexceedances of the rolling, 12-month total VOC emission limitation for all the materials employed.

f) Testing Requirements

(1) Compliance with the Emissions Limitations and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:

a. Emission Limitations: The permittee shall control VOC emissions from this emissions unit through the use of a Regenerative Thermal Oxidizer with a minimum control efficiency of 97.55%

Applicable Compliance Method: The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:

i. The emission testing shall be conducted within 6 months after issuance of this permit and within 6 months prior to permit renewal.

ii. The emission testing shall be conducted to demonstrate compliance with the minimum VOC control efficiency of 97.55%

iii. The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s) for:

VOC, Methods 1-4 and 25 and/or 18 of 40 CFR Part 60, Appendix A

Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.

The control efficiency (i.e., the percent reduction in mass emissions between the inlet and outlet of the control system) shall be determined in accordance with the test methods and procedures specified in 3745-21-10 or an alternative test protocol approved by the Ohio EPA. The test methods and procedures selected shall be based on a consideration of the diversity of the organic species present and their total concentration, and on a consideration of the potential presence of interfering gases.

iv. The test(s) shall be conducted while the facility is operating at or near its maximum capacity unless otherwise specified or approved by the Ohio EPA, CDO.

Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA, Central District Office. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA, Central District Office's refusal to accept the results of the emission test(s).

Personnel from the Ohio EPA, Central District Office shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the Ohio EPA, Central District Office within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the Ohio EPA, Central District Office.

b. Emissions Limitation: VOC emissions from emissions unit P311shall not exceed 0.09ton per year.

Applicable Compliance Method: Compliance with the annual emissions limitation shall be determined by the actual 12 month summation of VOC emissions produced, in tons per year, (as derived from the records required by term and condition d)(6) above). .

c. Emission Limitation: Emissions of any individual HAP from all emission units located at this facility included as part of the coil/extrusion coating operation shall not exceed 6.14 tons per year, as a rolling, 12-month summation.

Applicable Compliance Method: Compliance with the rolling 12 month emissions limitation shall be determined by the actual rolling 12 month summation of individual HAP emissions produced, in tons per rolling 12 month period, (as derived from the records required by term and condition d)(6) above).

d. Emission Limitation: Emissions of VOC from all emission units located at this facility included as part of the coil/extrusion coating operation shall not exceed 19.54 tons per year, as a rolling, 12-month summation.

Applicable Compliance: Compliance with the rolling 12 month emissions limitation shall be determined by the actual rolling 12 month summation of VOC emissions produced, in tons per rolling 12 month period, (as derived from the records required by term and condition d)(6) above).

e. Emission Limitation: Emissions of Total HAP from all emission units located at this facility included as part of the coil/extrusion coating operation shall not exceed 10.41 tons per year, as a rolling, 12-month summation

Applicable Compliance Method: Method: Compliance with the rolling 12 month emissions limitation shall be determined by the actual rolling 12 month summation of total HAP emissions produced, in tons per rolling 12 month period, (as derived from the records required by term and condition d)(6) above).

g) Miscellaneous Requirements

(1) None.

4. P312, W-12

Operations, Property and/or Equipment Description:

Portable Tank washer

a) This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

(1) For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.

a. d)(5)

(2) For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.

a. b)(1)a., b(2)c. through b)(2)k., c(1), d)(1) through d(4), d(6), d)(7), e)(1),e)(2),e)(6) and f)(1)a. through f)(1)e.

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(D)	See b)(2)c through b)(2)k.
b.	OAC rule 3745-31-05(A)(3), as effective 11/30/01	The permittee shall control VOC emissions from this emissions unit through the use of a Regenerative Thermal Oxidizer with a designed minimum control efficiency of 97.55%. See b)(2)a below.
c.	OAC rule 3745-31-05(A)(3), as effective 12/01/06	See b)(2)b below.

(2) Additional Terms and Conditions

a. The permittee has satisfied the Best Available Technology (BAT) requirements pursuant to OAC paragraph 3745-31-05(A)(3), as effective November 30, 2001, in this permit. On December 1, 2006, paragraph (A)(3) of OAC rule 3745-31-05 was revised to conform to ORC changes effective August 3, 2006 (S.B. 265

changes), such that BAT is no longer required by State regulations for NAAQS pollutants less than ten tons per year. However, that rule revision has not yet been approved by U.S. EPA as a revision to Ohio's State Implementation Plan (SIP). Therefore, until the SIP revision occurs and the U.S. EPA approves the revisions to OAC rule 3745-31-05, the requirement to satisfy BAT still exists as part of the federally approved SIP for Ohio. Once U.S. EPA approves the December 1, 2006 version of 3745-31-05, then these emission limits/control measures no longer apply.

This rule paragraph applies once U.S. EPA approves the December 1, 2006 version of OAC rule 3745-31-05 as part of the State implementation Plan.

b. The Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) do not apply to the VOC emissions from these air contaminant sources since the uncontrolled potential to emit for VOC emissions is less than 10 tons per year.

c. The VOC emissions from this emissions unit shall be vented to the thermal oxidizer that shall meet the operational, monitoring, and record keeping requirements of this permit, when the emissions unit is in operation.

d. The permittee shall control VOC emissions from this emissions unit through the use of a Regenerative Thermal Oxidizer with a minimum control efficiency of 97.55%.

e. The emissions from emission unit P312 shall not exceed the following:

Volatile Organic Compounds (VOC) 2.28 tons/year

f. This facility shall utilize a Portable Tank Washer Small Batch Fugitive Stack emission factor of 1.535 E-1 lb. VOC/cycle for emission unit P312, unless otherwise approved in writing by Ohio EPA, CDO. This emission factor was developed in accordance with the permit application submitted July 7, 2014.

g. This facility shall utilize a Portable Tank Washer Truck Bay Door emission factor of 6.266 E-3 lbs. VOC/cycle for emission unit P312, unless otherwise approved in writing by Ohio EPA, CDO. This emission factor was developed in accordance with the permit application submitted July 7, 2014.

h. This facility shall utilize a Portable Tank Washer Conc/Ox emission factor of 2.39 E-2 lbs. VOC/cycle for emission unit P312, unless otherwise approved in writing by Ohio EPA, CDO. This emission factor was developed in accordance with the permit application submitted July 7, 2014.

i. Emissions of any individual HAP from all emission units located at this facility included as part of the coil/extrusion coating operation shall not exceed 6.14 tons per year, as a rolling, 12-month summation.

j. Emissions of VOC from all all emission units located at this facility included as part of the coil/extrusion coating operation shall not exceed 19.54 tons per year, as a rolling, 12-month summation.

k. Emissions of Total HAP from all all emission units located at this facility included as part of the coil/extrusion coating operation shall not exceed 10.40 tons per year, as a rolling, 12-month summation.

l. The coil/extrusion coating portion of this facility includes those emission units covered by Air Permit to Install and Operate number P0117273 and this permit.

c) Operational Restrictions

(1) The maximum rolling twelve (12) month coatings production rate for the Large Batch Production Area (emissions unit P312 shall be limited to 13,505 cleanings.

d) Monitoring and/or Recordkeeping Requirements

(1) In order to maintain compliance with the applicable emission limitation(s) contained in this permit, the acceptable average combustion temperature within the thermal oxidizer, for any 3-hour block of time when the emissions unit(s) controlled by the thermal oxidizer is/are in operation, shall not be more than 50 degrees Fahrenheit below the average temperature measured during the most recent performance test that demonstrated the emissions unit(s) was/were in compliance.

(2) The permittee shall properly install, operate, and maintain a continuous temperature monitor and recorder that measures and records the combustion temperature within the thermal oxidizer when the emissions unit(s) is/are in operation, including periods of startup and shutdown. Units shall be in degrees Fahrenheit. The accuracy for each thermocouple, monitor, and recorder shall be guaranteed by the manufacturer to be within ± 1 percent of the temperature being measured or ± 5 degrees Fahrenheit, whichever is greater. The temperature monitor and recorder shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and the operating manuals, with any modifications deemed necessary by the permittee. The permittee shall collect and record the following information each day the emissions unit(s) is/are in operation:

a. all 3-hour blocks of time, when the emissions unit(s) controlled by the thermal oxidizer was/were in operation, during which the average combustion temperature within the thermal oxidizer was more than 50 degrees Fahrenheit below the average temperature measured during the most recent performance test that demonstrated the emissions unit(s) was/were in compliance; and

b. a log (date and total time) of the downtime or bypass of the capture (collection) system and thermal oxidizer, and/or downtime of the monitoring equipment, when the associated emissions unit(s) was/were in operation.

These records shall be maintained at the facility for a period of three years.

(3) Whenever the monitored average combustion temperature within the thermal oxidizer deviates from the range or limit established in accordance with this permit, the permittee shall promptly investigate the cause of the deviation. The permittee shall maintain records of the following information for each investigation:

a. the date and time the deviation began;

b. the magnitude of the deviation at that time;

c. the date the investigation was conducted;

d. the name(s) of the personnel who conducted the investigation; and

e. the findings and recommendations.

In response to each required investigation to determine the cause of a deviation, the permittee shall take prompt corrective action to bring the operation of the control equipment within the acceptable range/limit specified in this permit, unless the permittee determines that corrective action is not necessary and documents the reasons for that determination and the date and time the deviation ended. The permittee shall maintain records of the following information for each corrective action taken:

f. a description of the corrective action;

g. the date corrective action was completed;

h. the date and time the deviation ended;

i. the total period of time (in minutes) during which there was a deviation;

j. the temperature readings immediately after the corrective action was implemented; and

k. the name(s) of the personnel who performed the work.

Investigation and records required by this paragraph do not eliminate the need to comply with the requirements of OAC rule 3745-15-06 if it is determined that a malfunction has occurred.

(4) The temperature range/limit is effective for the duration of this permit, unless revisions are requested by the permittee and approved in writing by the appropriate Ohio EPA District Office or local air agency. The permittee may request revisions to the permitted temperature range/limit based upon information obtained during future performance tests that demonstrate compliance with the allowable emission rate(s) for the controlled pollutant(s). In addition, approved revisions to the temperature range/limit will not constitute a relaxation of the monitoring requirements of this permit and may be incorporated into this permit by means of aadministrative modification.

(5) Modeling to demonstrate compliance with, the "Toxic Air Contaminant Statute", ORC 3704.03(F)(4)(b), was not necessary because the emissions unit's maximum annual emissions for each toxic air contaminant, as defined in OAC rule 3745-114-01, will be less than 1.0 ton per year. OAC Chapter 3745-31 requires a permittee to apply for and obtain a new or modified FEPTIO prior to making a "modification" as defined by OAC rule 3745-31-01. The permittee is hereby advised that changes in the composition of the materials, or use of new materials, that would cause the emissions of any toxic air contaminant to increase to above 1.0 ton per year may require the permittee to apply for and obtain a new FEPTIO.

(6) Thisfacility shallmaintainmonthlyrecords whichlistthefollowinginformationforproductsproducedinthe for the coil/extrusion coating portion of this facility:

a. calculationsshowingthe rolling, 12-month individual HAP emissions for each HAP for all the materials employed; and

b. calculationsshowingthe rolling, 12-month total combined HAPs emissions for all the materials employed; and

c. calculationsshowingthe rolling, 12-month total VOC emission limitation for all the materials employed.

(7) This facilityshallmaintaindailyrecords whichlistthefollowinginformationforemissions unitP312:

a. the number of tank cleanings (batches);

b. the total hours of daily operation of this emissions unit;

e) Reporting Requirements

(1) ThisfacilityshallsubmitquarterlyreportstotheCentralDistrictOffice,whichprovidethetotalV O C emissionsfrom emission unit P312,andwhichdocumentsanyexceedance(s)ofthepermittedcleaning rateand/oremissionslimits,forthepreviousthree(3)calendarmonths(October1 throughDecember31,January1throughMarch31,April1throughJune30,and July1 through September30,respectively).ThereportsshallbesubmittedbyFebruary15,May15,August15,a nd November15ofeachyear.

(2) The permittee shall submit quarterly summaries of the following records:

a. all 3-hour blocks of time (when the emissions unit(s) was/were in operation) during which the average combustion temperature within the thermal oxidizer was more than 50 degrees Fahrenheit below the average temperature maintained during the most recent performance test that demonstrated the emissions unit(s) was/were in compliance;

b. any records of downtime (date and length of time) for the capture (collection) system, the thermal oxidizer, and/or the monitoring equipment when the emissions unit(s) was/were in operation; and

c. a log of the operating time for the capture system, thermal oxidizer, monitoring equipment, and the emissions unit(s).

d. all exceedances of the rolling, rolling 12-month limitation of the production rate;

These quarterly reports shall be submitted by April 30, July 31, October 31, and January 31, and shall cover the records for the previous calendar quarters.

(3) Unless other arrangements have been approved by the Director, all notifications and reports shall be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal.

(4) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA. The PER must be completed electronically and submitted via the Ohio EPA e-Business Center: Air Services by the due date identified in the Authorization section of this permit. The permit evaluation report shall cover a reporting period of no more than twelve months for each air contaminant source identified in this permit.

(5) The permittee shall identify in the annual permit evaluation report the following information concerning the operations of the thermal oxidizer during the 12-month reporting period for this/these emissions unit(s):

a. each period of time (start time and date, and end time and date) when the average combustion temperature within the thermal oxidizer was outside of the acceptable range;

b. any period of time (start time and date, and end time and date) when the emissions unit(s) was/were in operation and the process emissions were not vented to the thermal oxidizer;

c. each incident of deviation described in “a” or “b” (above) where a prompt investigation was not conducted;

d. each incident of deviation described in “a” or “b” where prompt corrective action, that would bring the emissions unit(s) into compliance and/or the temperature within the thermal oxidizer into compliance with the acceptable range, was determined to be necessary and was not taken; and

e. each incident of deviation described in “a” or “b” where proper records were not maintained for the investigation and/or the corrective action(s), as identified in the monitoring and record keeping requirements of this permit.

(6) The permittee shall submit quarterly deviation (excursion) reports that identify the following information:

a. all exceedances of the rolling, 12-month individual HAP emission limitation for each HAP for all the materials employed; and

b. allexceedances of the rolling, 12-month total combined HAPs emission limitation for all the materials employed.

c. allexceedances of the rolling, 12-month total VOC emission limitation for all the materials employed.

f) Testing Requirements

(1) Compliance with the Emissions Limitations and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:

a. Emission Limitations: The permittee shall control VOC emissions from this emissions unit through the use of a Regenerative Thermal Oxidizer with a minimum control efficiency of 97.55%

Applicable Compliance Method: The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:

i. The emission testing shall be conducted within 6 months after issuance of this permit and within 6 months prior to permit renewal.

ii. The emission testing shall be conducted to demonstrate compliance with the minimum VOC control efficiency of 97.55%

iii. The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s) for:

VOC, Methods 1-4 and 25 and/or 18 of 40 CFR Part 60, Appendix A

Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.

The control efficiency (i.e., the percent reduction in mass emissions between the inlet and outlet of the control system) shall be determined in accordance with the test methods and procedures specified in 3745-21-10 or an alternative test protocol approved by the Ohio EPA. The test methods and procedures selected shall be based on a consideration of the diversity of the organic species present and their total concentration, and on a consideration of the potential presence of interfering gases.

iv. The test(s) shall be conducted while the facility is operating at or near its maximum capacity unless otherwise specified or approved by the Ohio EPA, CDO.

Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA, Central District Office. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA,

Central District Office's refusal to accept the results of the emission test(s).

Personnel from the Ohio EPA, Central District Office shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the Ohio EPA, Central District Office within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the Ohio EPA, Central District Office.

b. Emissions Limitation: VOC emissions from emission unit P312 shall not exceed 2.28tons per year.

Applicable Compliance Method: Compliance with the annual emissions limitation shall be determined by the actual 12 month summation of VOC emissions produced, in tons per year, (as derived from the records required by term and condition d)(6) above). .

c. Emission Limitation: Emissions of any individual HAP from all emission units located at this facility included as part of the coil/extrusion coating operation shall not exceed 6.14 tons per year, as a rolling, 12-month summation.

Applicable Compliance Method: Compliance with the rolling 12 month emissions limitation shall be determined by the actual rolling 12 month summation of individual HAP emissions produced, in tons per rolling 12 month period, (as derived from the records required by term and condition d)(6) above).

d. Emission Limitation: Emissions of VOC from all emission units located at this facility included as part of the coil/extrusion coating operation shall not exceed 19.54 tons per year, as a rolling, 12-month summation.

Applicable Compliance: Compliance with the rolling 12 month emissions limitation shall be determined by the actual rolling 12 month summation of VOC emissions produced, in tons per rolling 12 month period, (as derived from the records required by term and condition d)(6) above).

e. Emission Limitation: Emissions of Total HAP from all emission units located at this facility included as part of the coil/extrusion coating operation shall not exceed 10.41 tons per year, as a rolling, 12-month summation

Applicable Compliance Method: Method: Compliance with the rolling 12 month emissions limitation shall be determined by the actual rolling 12 month

summation of total HAP emissions produced, in tons per rolling 12 month period, (as derived from the records required by term and condition d)(6) above).

g) Miscellaneous Requirements

(1) None.

5. P313, Small Batch Portable Shaft Cleaner

Operations, Property and/or Equipment Description:

Shaft Cleaner

a) This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

(1) For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.

a. d)(5)

(2) For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.

a. b)(1)a., b(2)c. through b)(2)h., c(1), d)(1) through(4), d)(6),d)(7), e)(1) & e)(4), and f)(1)a. through f)(1)d.

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(D)	See b(2)c. through b)(2)h.
b.	OAC rule 3745-31-05(A)(3), as effective 11/30/01	The emission limitation established by this rule is equal to or less stringent than OAC rule 3745-31-05(D). See b)(2)a.
c.	OAC rule 3745-31-05(A)(3), as effective 12/01/06	See b)(2)b.

(2) Additional Terms and Conditions

a. The permittee has satisfied the Best Available Technology (BAT) requirements pursuant to OAC paragraph 3745-31-05(A)(3), as effective November 30, 2001, in this permit. On December 1, 2006, paragraph (A)(3) of OAC rule 3745-31-05 was revised to conform to ORC changes effective August 3, 2006 (S.B. 265 changes), such that BAT is no longer required by State regulations for NAAQS pollutants less than ten tons per year. However, that rule revision has not yet

been approved by U.S. EPA as a revision to Ohio's State Implementation Plan (SIP). Therefore, until the SIP revision occurs and the U.S. EPA approves the revisions to OAC rule 3745-31-05, the requirement to satisfy BAT still exists as part of the federally approved SIP for Ohio. Once U.S. EPA approves the December 1, 2006 version of 3745-31-05, then these emission limits/control measures no longer apply.

This rule paragraph applies once U.S. EPA approves the December 1, 2006 version of OAC rule 3745-31-05 as part of the State implementation Plan.

b. The Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) do not apply to the VOC emissions from these air contaminant sources since the uncontrolled potential to emit for VOC emissions is less than 10 tons per year.

c. The emissions from emissions unit P313 shall not exceed the following:

Volatile Organic Compounds (VOC)	3.42 tons/year

d. This facility shall utilize a Shaft Cleaning Truck Bay Door emission factor of 5.00 x 10-3 lbsVOC/shaft cleaning for emission unit P313, unless otherwise approved in writing by Ohio EPA, CDO. This emission factor was developed in accordance with the permit application submitted July 7, 2014.

e. This facility shall utilize a Shaft Cleaning Batch Fugitive Stack emission factor of 1.225E-01 lbsVOC/shaft cleaning for emission unit P313, unless otherwise approved in writing by Ohio EPA, CDO. This emission factor was developed in accordance with the permit application submitted July 7, 2014.

f. Emissions of any individual HAP from all emission units located at this facility included as part of the coil/extrusion coating operation shall not exceed 6.14 tons per year, as a rolling, 12-month summation.

g. Emissions of VOC from all emission units located at this facility included as part of the coil/extrusion coating operation shall not exceed 19.54 tons per year, as a rolling, 12-month summation.

h. Emissions of Total HAP from all emission units located at this facility included as part of the coil/extrusion coating operation shall not exceed 10.40 tons per year, as a rolling, 12-month summation.

i. The coil/extrusion coating portion of this facility includes those emission units covered by Air Permit to Install and Operate number P0117273 and this permit.

c) Operational Restrictions

(1) The maximum rolling twelve (12) month rate for the Shaft Cleaning Process, emissions units P313, shall be limited to 27,375 cleanings.

d) Monitoring and/or Recordkeeping Requirements

(1) In order to maintain compliance with the applicable emission limitation(s) contained in this permit, the acceptable average combustion temperature within the thermal oxidizer, for any 3-hour block of time when the emissions unit(s) controlled by the thermal oxidizer is/are in operation, shall not be more than 50 degrees Fahrenheit below the average temperature measured during the most recent performance test that demonstrated the emissions unit(s) was/were in compliance.

(2) The permittee shall properly install, operate, and maintain a continuous temperature monitor and recorder that measures and records the combustion temperature within the thermal oxidizer when the emissions unit(s) is/are in operation, including periods of startup and shutdown. Units shall be in degrees Fahrenheit. The accuracy for each thermocouple, monitor, and recorder shall be guaranteed by the manufacturer to be within ± 1 percent of the temperature being measured or ± 5 degrees Fahrenheit, whichever is greater. The temperature monitor and recorder shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and the operating manuals, with any modifications deemed necessary by the permittee. The permittee shall collect and record the following information each day the emissions unit(s) is/are in operation:

a. all 3-hour blocks of time, when the emissions unit(s) controlled by the thermal oxidizer was/were in operation, during which the average combustion temperature within the thermal oxidizer was more than 50 degrees Fahrenheit below the average temperature measured during the most recent performance test that demonstrated the emissions unit(s) was/were in compliance; and

b. a log (date and total time) of the downtime or bypass of the capture (collection) system and thermal oxidizer, and/or downtime of the monitoring equipment, when the associated emissions unit(s) was/were in operation.

These records shall be maintained at the facility for a period of three years.

(3) Whenever the monitored average combustion temperature within the thermal oxidizer deviates from the range or limit established in accordance with this permit, the permittee shall promptly investigate the cause of the deviation. The permittee shall maintain records of the following information for each investigation:

a. the date and time the deviation began;

b. the magnitude of the deviation at that time;

c. the date the investigation was conducted;

d. the name(s) of the personnel who conducted the investigation; and

e. the findings and recommendations.

In response to each required investigation to determine the cause of a deviation, the permittee shall take prompt corrective action to bring the operation of the control equipment within the acceptable range/limit specified in this permit, unless the permittee

determines that corrective action is not necessary and documents the reasons for that determination and the date and time the deviation ended. The permittee shall maintain records of the following information for each corrective action taken:

f. a description of the corrective action;

g. the date corrective action was completed;

h. the date and time the deviation ended;

i. the total period of time (in minutes) during which there was a deviation;

j. the temperature readings immediately after the corrective action was implemented; and

k. the name(s) of the personnel who performed the work.

Investigation and records required by this paragraph do not eliminate the need to comply with the requirements of OAC rule 3745-15-06 if it is determined that a malfunction has occurred.

(4) The temperature range/limit is effective for the duration of this permit, unless revisions are requested by the permittee and approved in writing by the appropriate Ohio EPA District Office or local air agency. The permittee may request revisions to the permitted temperature range/limit based upon information obtained during future performance tests that demonstrate compliance with the allowable emission rate(s) for the controlled pollutant(s). In addition, approved revisions to the temperature range/limit will not constitute a relaxation of the monitoring requirements of this permit and may be incorporated into this permit by means of aadministrative modification.

(5) Modeling to demonstrate compliance with, the “Toxic Air Contaminant Statute”, ORC 3704.03(F)(4)(b), was not necessary because the emissions unit’s maximum annual emissions for each toxic air contaminant, as defined in OAC rule 3745-114-01, will be less than 1.0 ton per year. OAC Chapter 3745-31 requires a permittee to apply for and obtain a new or modified FEPTIO prior to making a "modification" as defined by OAC rule 3745-31-01. The permittee is hereby advised that changes in the composition of the materials, or use of new materials, that would cause the emissions of any toxic air contaminant to increase to above 1.0 ton per year may require the permittee to apply for and obtain a new FEPTIO.

(6) Thisfacility shallmaintainmonthlyrecords whichlistthefollowinginformationforproductsproducedinthe for the coil/extrusion coating portion of this facility:

a. calculationsshowingthe rolling, 12-month individual HAP emissions for each HAP for all the materials employed; and

b. calculationsshowingthe rolling, 12-month total combined HAPs emissions for all the materials employed; and

c. calculationsshowingthe rolling, 12-month total VOC emissions for all the materials employed.

(7) This facility shall maintain daily records which list the following information for emissions unit P313:

a. the number of shaft cleanings (batches);

b. the total hours of daily operation of this emissions unit;

e) Reporting Requirements

(1) ThisfacilityshallsubmitquarterlyreportstotheCentralDistrictOffice,whichprovidethetotalV O C emissionsforemission unit P313,andwhichdocumentsanyexceedance(s)ofthepermittedproduction throughputrate and/oremissionslimits,forthepreviousthree(3)calendarmonths(October1 throughDecember31,January1throughMarch31,April1throughJune30,and July1 through September30,respectively).ThereportsshallbesubmittedbyFebruary15,May15,August15,a nd November15ofeachyear.

(2) Unless other arrangements have been approved by the Director, all notifications and reports shall be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal.

(3) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA. The PER must be completed electronically and submitted via the Ohio EPA e-Business Center: Air Services by the due date identified in the Authorization section of this permit. The permit evaluation report shall cover a reporting period of no more than twelve months for each air contaminant source identified in this permit.

(4) The permittee shall submit quarterly deviation (excursion) reports that identify the following information:

a. all exceedances of the rolling, 12-month individual HAP emission limitation for each HAP for all the materials employed; and

b. allexceedances of the rolling, 12-month total combined HAPs emission limitation for all the materials employed.

c. allexceedances of the rolling, 12-month total VOC emission limitation for all the materials employed.

f) Testing Requirements

(1) Compliance with the Emissions Limitations and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:

a. Emissions Limitation: VOC emissions from emission unit P313 shall not exceed 3.42tons per year.

Applicable Compliance Method: Compliance with the annual emissions limitation shall be determined by the actual 12 month summation of VOCemissions produced, in tons per year, (as derived from the records required by term and condition d)(6) above).

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b. Emission Limitation: Emissions of any individual HAP from all emission units located at this facility included as part of the coil/extrusion coating operation shall not exceed 6.14 tons per year, as a rolling, 12-month summation.

Applicable Compliance Method: Compliance with the rolling 12 month emissions limitation shall be determined by the actual rolling 12 month summation of individual HAP emissions produced, in tons per rolling 12 month period, (as derived from the records required by term and condition d)(6) above).

c. Emission Limitation: Emissions of VOC from all emission units located at this facility included as part of the coil/extrusion coating operation shall not exceed 19.54 tons per year, as a rolling, 12-month summation.

Applicable Compliance: Compliance with the rolling 12 month emissions limitation shall be determined by the actual rolling 12 month summation of VOC emissions produced, in tons per rolling 12 month period, (as derived from the records required by term and condition d)(6) above).

d. Emission Limitation: Emissions of Total HAP from all emission units located at this facility included as part of the coil/extrusion coating operation shall not exceed 10.41 tons per year, as a rolling, 12-month summation

Applicable Compliance Method: Method: Compliance with the rolling 12 month emissions limitation shall be determined by the actual rolling 12 month summation of total HAP emissions produced, in tons per rolling 12 month period, (as derived from the records required by term and condition d)(6) above).

g) Miscellaneous Requirements

(1) None.

6. Emissions Unit Group -Filter Carts: P258,P259,P260,P261,P315,P316,P317,P318,P319,P320,P321,P322,P323,P324,P325,

EU ID	Operations, Property and/or Equipment Description
P258	Filter Cart, FC-1
P259	Filter Cart, FC-2
P260	Filter Cart, FC-3
P261	Filter Cart, FC-4
P315	Filter Cart, FC-5
P316	Filter Cart, FC-6
P317	Filter Cart, FC-7
P318	Filter Cart, FC-8
P319	Filter Cart, FC-9
P320	Filter Cart, FC-10
P321	Filter Cart, FC-11
P322	Filter Cart, FC-12
P323	Filter Cart, FC-13
P324	Filter Cart, FC-14
P325	Filter Cart, FC-15

a) This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

(1) For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.

a. d)(6)

(2) For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.

a. b)(1)a., b)(2)c. through b)(2)o., c(1), d)(1) through(5), d)(7),d)(8), e)(1), e)(6) and f)(1)a. through f)(1)e.

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(D)	See b)(2)c. through b)(2)o.
b.	OAC rule 3745-31-05(A)(3), as	The permittee shall control VOC

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
	effective 11/30/01	emissions from this emissions unit through the use of a Regenerative Thermal Oxidizer with a designed minimum control efficiency of 97.55%. See b)(2)a below.
c.	OAC rule 3745-31-05(A)(3), as effective 12/01/06	See b)(2)b below.
d.	OAC rule 3745-21-07(M)(1) and (2)	The emission limit specified by this rule is equivalent to or less stringent than the emission limit established pursuant to OAC rule 3745-31-05(D).

(2) Additional Terms and Conditions

a. The permittee has satisfied the Best Available Technology (BAT) requirements pursuant to OAC paragraph 3745-31-05(A)(3), as effective November 30, 2001, in this permit. On December 1, 2006, paragraph (A)(3) of OAC rule 3745-31-05 was revised to conform to ORC changes effective August 3, 2006 (S.B. 265 changes), such that BAT is no longer required by State regulations for NAAQS pollutants less than ten tons per year. However, that rule revision has not yet been approved by U.S. EPA as a revision to Ohio's State Implementation Plan (SIP). Therefore, until the SIP revision occurs and the U.S. EPA approves the revisions to OAC rule 3745-31-05, the requirement to satisfy BAT still exists as part of the federally approved SIP for Ohio. Once U.S. EPA approves the December 1, 2006 version of 3745-31-05, then these emission limits/control measures no longer apply.

This rule paragraph applies once U.S. EPA approves the December 1, 2006 version of OAC rule 3745-31-05 as part of the State implementation Plan.

b. The Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) do not apply to the VOC emissions from these air contaminant sources since the uncontrolled potential to emit for VOC emissions is less than 10 tons per year.

c. The VOC emissions from this emissions unit shall be vented to the thermal oxidizer that shall meet the operational, monitoring, and record keeping requirements of this permit, when the emissions unit is in operation.

d. The permittee shall control VOC emissions from this emissions unit through the use of a Regenerative Thermal Oxidizer with a minimum control efficiency of 97.55%

e. This facility shall utilize a Filter Cart VOC Large Batch Fugitive Stack emission factor of 7.784 E-6 lbs. VOC/gal. of product produced in the Large Batch Production Area for emissions units, P258 through P261, P315 through P325,

and P377 through P386, unless otherwise approved in writing by Ohio EPA, CDO.This emission factor was developed in accordance with the permit application submitted August 5th, 1998 for the Coil/Extrusion Coatings PTI identified as Ohio EPA Air permit to Install number 01-06408.

f. This facility shall utilize a Filter Cart VOC Truck Bay Door emission factor of 4.766 E-7 lbs. VOC/gal. of product produced in the Large Batch Production Area for emissions units, P258 through P261, P315 through P325, and P377 through P386, unless otherwise approved in writing by Ohio EPA, CDO.This emission factor was developed in accordance with the permit application submitted August 5th, 1998 for the Coil/Extrusion Coatings PTI identified as Ohio EPA Air permit to Install number 01-06408.

g. This facility shall utilize a Filter Cart VOC Conc/Ox emission factor of 1.7 E-4 lbs. VOC/gal. of product produced in the Large Batch Production Area for emissions units, P258 through P261, P315 through P325, and P377 through P386, unless otherwise approved in writing by Ohio EPA, CDO.This emission factor was developed in accordance with the permit application submitted August 5th, 1998 for the Coil/Extrusion Coatings PTI identified as Ohio EPA Air permit to Install number 01-06408.

h. This facility shall utilize a Filter Cart VOC Fugitive Stack emission factor of 1.305 E-5 lbs. VOC/gal. of product produced in the Small Batch Portable Production Area for emissions units, P258 through P261, P315 through P325, and P377 through P386, unless otherwise approved in writing by Ohio EPA, CDO.This emission factor was developed in accordance with the permit application submitted August 5th, 1998 for the Coil/Extrusion Coatings PTI identified as Ohio EPA Air permit to Install number 01-06408.

i. This facility shall utilize a Filter Cart VOC Truck Bay Door emission factor of 5.328 E-7 lbs. VOC/gal. of product produced in the Small Batch Portable Production Area for emissions units, P258 through P261, P315 through P325, and P377 through P386, unless otherwise approved in writing by Ohio EPA, CDO.This emission factor was developed in accordance with the permit application submitted August 5th, 1998 for the Coil/Extrusion Coatings PTI identified as Ohio EPA Air permit to Install number 01-06408.

j. This facility shall utilize a Filter Cart VOC Conc/Ox emission factor of 1.032 E-4 lbs. VOC/gal. of product produced in the Small Batch Portable Production Area for emissions units, P258 through P261, P315 through P325, and P377 through P386, unless otherwise approved in writing by Ohio EPA, CDO.This emission factor was developed in accordance with the permit application submitted August 5th, 1998 for the Coil/Extrusion Coatings PTI identified as Ohio EPA Air permit to Install number 01-06408.

k. TheemissionsfromtheFilterCarts,emissionsunitsP258throughP261, P315throughP325, and P377 through P386 shall notexceedthefollowing:

Volatile OrganicCompounds (VOC)	0.78ton/year

l. Emissions of any individual HAP from all emission units located at this facility included as part of the coil/extrusion coating operation shall not exceed 6.14 tons per year, as a rolling, 12-month summation.

m. Emissions of VOC from all all emission units located at this facility included as part of the coil/extrusion coating operation shall not exceed 19.54 tons per year, as a rolling, 12-month summation.

n. Emissions of Total HAP from all all emission units located at this facility included as part of the coil/extrusion coating operation shall not exceed 10.40 tons per year, as a rolling, 12-month summation.

o. The coil/extrusion coating portion of this facility includes those emission units covered by Air Permit to Install and Operate number P0117273 and this permit.

c) Operational Restrictions

(1) The Filter Carts are portable. They can be used in four production areas (Large Batch Production Area, Small Batch Primary Portable Production Area, Small Batch Intermix Portable Production Area, and Micro Batch); therefore, the production rates of the filter carts are equivalent to the production rates of the corresponding production areas. The maximum rolling twelve (12) month coatings production rate for the Filter Carts, emissions units P258 through P261, P315 through P325, and P377 through P386, shall be limited to 8,200,000 gallons. This limit is divided amongst the four production areas. Large Batch Production Area is limited to 7,500,000 gallons of coating per rolling twelve months; and Small Batch Portable Production Area is limited to 2,000,000 gallons of coating per rolling twelve months. Small Batch Portable Production is limited to 700,000 gallons per rolling twelve months; Intermix Portable Production is limited to 1,300,000 gallons per rolling twelve months. The production emissions will be assigned to the day the coating is drained from the letdown tank (corresponds to filling report).This emissions unit has been in operation for more than 12 months and, as such, the permittee has existing records to generate the rolling, twelve(12)month summation of the production rate, upon issuance of this permit.

d) Monitoring and/or Recordkeeping Requirements

(1) In order to maintain compliance with the applicable emission limitation(s) contained in this permit, the acceptable average combustion temperature within the thermal oxidizer, for any 3-hour block of time when the emissions unit(s) controlled by the thermal oxidizer is/are in operation, shall not be more than 50 degrees Fahrenheit below the average temperature measured during the most recent performance test that demonstrated the emissions unit(s) was/were in compliance.

(2) The permittee shall properly install, operate, and maintain a continuous temperature monitor and recorder that measures and records the combustion temperature within the thermal oxidizer when the emissions unit(s) is/are in operation, including periods of startup and shutdown. Units shall be in degrees Fahrenheit. The accuracy for each thermocouple, monitor, and recorder shall be guaranteed by the manufacturer to be within ± 1 percent of the temperature being measured or ± 5 degrees Fahrenheit, whichever is greater. The temperature monitor and recorder shall be installed,

calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and the operating manuals, with any modifications deemed necessary by the permittee. The permittee shall collect and record the following information each day the emissions unit(s) is/are in operation:

a. all 3-hour blocks of time, when the emissions unit(s) controlled by the thermal oxidizer was/were in operation, during which the average combustion temperature within the thermal oxidizer was more than 50 degrees Fahrenheit below the average temperature measured during the most recent performance test that demonstrated the emissions unit(s) was/were in compliance; and

b. a log (date and total time) of the downtime or bypass of the capture (collection) system and thermal oxidizer, and/or downtime of the monitoring equipment, when the associated emissions unit(s) was/were in operation.

These records shall be maintained at the facility for a period of three years.

(3) Whenever the monitored average combustion temperature within the thermal oxidizer deviates from the range or limit established in accordance with this permit, the permittee shall promptly investigate the cause of the deviation. The permittee shall maintain records of the following information for each investigation:

a. the date and time the deviation began;

b. the magnitude of the deviation at that time;

c. the date the investigation was conducted;

d. the name(s) of the personnel who conducted the investigation; and

e. the findings and recommendations.

In response to each required investigation to determine the cause of a deviation, the permittee shall take prompt corrective action to bring the operation of the control equipment within the acceptable range/limit specified in this permit, unless the permittee determines that corrective action is not necessary and documents the reasons for that determination and the date and time the deviation ended. The permittee shall maintain records of the following information for each corrective action taken:

f. a description of the corrective action;

g. the date corrective action was completed;

h. the date and time the deviation ended;

i. the total period of time (in minutes) during which there was a deviation;

j. the temperature readings immediately after the corrective action was implemented; and

k. the name(s) of the personnel who performed the work.

Investigation and records required by this paragraph do not eliminate the need to comply with the requirements of OAC rule 3745-15-06 if it is determined that a malfunction has occurred.

(4) The temperature range/limit is effective for the duration of this permit, unless revisions are requested by the permittee and approved in writing by the appropriate Ohio EPA District Office or local air agency. The permittee may request revisions to the permitted temperature range/limit based upon information obtained during future performance tests that demonstrate compliance with the allowable emission rate(s) for the controlled pollutant(s). In addition, approved revisions to the temperature range/limit will not constitute a relaxation of the monitoring requirements of this permit and may be incorporated into this permit by means of aadministrative modification.

(5) The permittee shall maintain monthly records of the following information:

a. the production rate for each month; and

b. the rolling, 12-month summation of the production rates.

(6) Modeling to demonstrate compliance with, the “Toxic Air Contaminant Statute”, ORC 3704.03(F)(4)(b), was not necessary because the emissions unit’s maximum annual emissions for each toxic air contaminant, as defined in OAC rule 3745-114-01, will be less than 1.0 ton per year. OAC Chapter 3745-31 requires a permittee to apply for and obtain a new or modified FEPTIO prior to making a "modification" as defined by OAC rule 3745-31-01. The permittee is hereby advised that changes in the composition of the materials, or use of new materials, that would cause the emissions of any toxic air contaminant to increase to above 1.0 ton per year may require the permittee to apply for and obtain a new FEPTIO.

(7) Thisfacilityshallmaintaindailyrecordswhichliststhefollowinginformationforproductsfilteredinthe FilterCarts (emissions units P258throughP261, P315throughP325, and P377 through P386):

a. thenumberofgallons ofproductfilteredineachemissions unit;

b. theproductionareaproductfiltered;

c. thetotalhours ofdailyoperationofeachemissions unit;

d. totalgallons filteredineachproductionarea;

These records, as well as any supporting analyses and computations, shall be retained in the company's files for a period of not less than three (3) years and shall be made available to the Director or any authorized representative of the Director for review upon verbal or written request, during normal business hours.

(8) The permittee shall collect and record the following information each month for all materials containing any hazardous air pollutant (HAP)[1] that are applied in the emissions unit:

a. the name and identification number/code of each material containing any HAP;

b. the name/identification of each individual HAP contained in each material (and identified in d(8)a. above) and the pound(s) of each HAP per gallon of each HAP-containing material;

c. the number of gallons of each material applied during the month;

d. for each individual HAP, the total uncontrolled emissions from all the materials employed, in ton(s), i.e., for each individual HAP, the summation of the products of d(8)b.times d(8)c.for all the materials during the month, divided by 2,000 pounds;

e. the total uncontrolled combined HAPs emissions from all the materials employed during the month, in ton(s), i.e., the summation of all the individual HAPs emissions from d(8)d above;

f. for each individual HAP, the calculated, controlled emission rate from all the materials employed, in ton(s), i.e., the total uncontrolled individual HAP emission rate calculated in d(8)d above, multiplied by 1 minus the overall control efficiency for the control equipment, as determined during the most recent emissions test that demonstrated the emissions unit was in compliance;

g. the calculated, controlled combined HAPs emission rate for all the materials employed, in ton(s), i.e., the uncontrolled total combined HAPs emission rate, calculated in d(8)e above, multiplied by 1 minus the overall control efficiency for the control equipment, as determined during the most recent emissions test that demonstrated the emissions unit was in compliance;

h. for each individual HAP, the total emissions during the rolling, 12-month period, i.e., the summation of the individual HAP emissions, as recorded in d(8)f above, for the present month plus the previous 11 months of operation, in ton(s); and

i. the total combined HAP emissions during the rolling 12-month period, i.e., the summation of all HAP emissions, as recorded in d(8)g above, for the present month plus the previous 11 months of operation, in ton(s).

[1]A listing of the HAPs can be found in Section 112(b) of the Clean Air Act, or can be obtained by contacting your Ohio EPA District Office or local air agency contact. Material Safety Data Sheets typically include a listing of the solvents contained in the coatings and cleanup materials.

(9) Thisfacility shallmaintainmonthlyrecords whichlistthefollowinginformationforproductsproducedinthe for the coil/extrusion coating portion of this facility:

a. calculationsshowingthe rolling, 12-month individual HAP emissions for each HAP for all the materials employed (from d)(8) above); and

b. calculationsshowingthe rolling, 12-month total combined HAPs emissions for all the materials employed(from d)(8) above); and,

c. calculationsshowingthe rolling, 12-month total VOC emissions for all the materials employed.

e) Reporting Requirements

(1) The permittee shall submit quarterly summaries of the following records:

a. all 3-hour blocks of time (when the emissions unit(s) was/were in operation) during which the average combustion temperature within the thermal oxidizer was more than 50 degrees Fahrenheit below the average temperature maintained during the most recent performance test that demonstrated the emissions unit(s) was/were in compliance;

b. any records of downtime (date and length of time) for the capture (collection) system, the thermal oxidizer, and/or the monitoring equipment when the emissions unit(s) was/were in operation; and

c. a log of the operating time for the capture system, thermal oxidizer, monitoring equipment, and the emissions unit(s).

d. all exceedances of the rolling, rolling 12-month limitation of the production rate;

These quarterly reports shall be submitted by April 30, July 31, October 31, and January 31, and shall cover the records for the previous calendar quarters.

(2) Unless other arrangements have been approved by the Director, all notifications and reports shall be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal.

(3) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA. The PER must be completed electronically and submitted via the Ohio EPA e-Business Center: Air Services by the due date identified in the Authorization section of this permit. The permit evaluation report shall cover a reporting period of no more than twelve months for each air contaminant source identified in this permit.

(4) The permittee shall identify in the annual permit evaluation report the following information concerning the operations of the thermal oxidizer during the 12-month reporting period for this/these emissions unit(s):

a. each period of time (start time and date, and end time and date) when the average combustion temperature within the thermal oxidizer was outside of the acceptable range;

b. any period of time (start time and date, and end time and date) when the emissions unit(s) was/were in operation and the process emissions were not vented to the thermal oxidizer;

c. each incident of deviation described in d(4)a or “b” (above) where a prompt investigation was not conducted;

d. each incident of deviation described in d(4)a or "b" where prompt corrective action, that would bring the emissions unit(s) into compliance and/or the temperature within the thermal oxidizer into compliance with the acceptable range, was determined to be necessary and was not taken; and

e. each incident of deviation described in d(4)a or "b" where proper records were not maintained for the investigation and/or the corrective action(s), as identified in the monitoring and record keeping requirements of this permit.

(5) This facility shall submit quarterly reports to the CDO that provide the totalVOCemissions for Filter Carts (emissions units P258 through P261, P315 through P325, and P377 through P386), and which document any exceedance(s) of the permitted production rate and/or emissions limits, hourly and/or daily, for the previous three (3) calendar months (October 1 through December 31, January 1 through March 31, April 1 through June 30, and July 1 through September 30, respectively). The reports shall be submitted by February 15, May 15, August 15, and November 15 of each year.

(6) The permittee shall submit quarterly deviation (excursion) reports that identify the following information:

a. all exceedances of the rolling, 12-month individual HAP emission limitation for each HAP for all the materials employed; and

b. allexceedances of the rolling, 12-month total combined HAPs emission limitation for all the materials employed.

c. allexceedances of the rolling, 12-month total VOC emission limitation for all the materials employed.

f) Testing Requirements

(1) Compliance with the Emissions Limitations and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:

a. Emission Limitations: The permittee shall control VOC emissions from this emissions unit through the use of a Regenerative Thermal Oxidizer with a minimum control efficiency of 97.55%.

Applicable Compliance Method: The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:

i. The emission testing shall be conducted within 6 months after issuance of this permit and within 6 months prior to permit renewal.

ii. The emission testing shall be conducted to demonstrate compliance with the minimum VOC control efficiency of 97.55%.

iii. The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s) for:

VOC, Methods 1-4 and 25 and/or 18 of 40 CFR Part 60, Appendix A

Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.

The control efficiency (i.e., the percent reduction in mass emissions between the inlet and outlet of the control system) shall be determined in accordance with the test methods and procedures specified in 3745-21-10 or an alternative test protocol approved by the Ohio EPA. The test methods and procedures selected shall be based on a consideration of the diversity of the organic species present and their total concentration, and on a consideration of the potential presence of interfering gases.

iv. The test(s) shall be conducted while the facility is operating at or near its maximum capacity unless otherwise specified or approved by the Ohio EPA, CDO.

Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA, Central District Office. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA, Central District Office's refusal to accept the results of the emission test(s).

Personnel from the Ohio EPA, Central District Office shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the Ohio EPA, Central District Office within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the Ohio EPA, Central District Office.

b. Emissions Limitation: VOC emissionsfromtheFilterCarts,emissionsunitsP258throughP261, P315throughP325, and P377 through P386 shall notexceed 0.78 tons per year.

Applicable Compliance Method: Compliance with the annual emissions limitation shall be determined by the actual 12 month summation of VOC emissions produced, in tons per year, (as derived from the records required by term and condition d)(9) above).

c. Emission Limitation: Emissions of any individual HAP from all emission units located at this facility included as part of the coil/extrusion coating operation shall not exceed 6.14 tons per year, as a rolling, 12-month summation.

Applicable Compliance Method: Compliance with the rolling 12 month emissions limitation shall be determined by the actual rolling 12 month summation of individual HAP emissions produced, in tons per rolling 12 month period, (as derived from the records required by term and condition d)(9) above).

d. Emission Limitation: Emissions of VOC from all emission units located at this facility included as part of the coil/extrusion coating operation shall not exceed 19.54 tons per year, as a rolling, 12-month summation.

Applicable Compliance: Compliance with the rolling 12 month emissions limitation shall be determined by the actual rolling 12 month summation of VOC emissions produced, in tons per rolling 12 month period, (as derived from the records required by term and condition d)(9) above).

e. Emission Limitation: Emissions of Total HAP from all all emission units located at this facility included as part of the coil/extrusion coating operation shall not exceed 10.41 tons per year, as a rolling, 12-month summation

Applicable Compliance Method: Method: Compliance with the rolling 12 month emissions limitation shall be determined by the actual rolling 12 month summation of total HAP emissions produced, in tons per rolling 12 month period, (as derived from the records required by term and condition d)(9) above).

g) Miscellaneous Requirements

(1) None.

7. Emissions Unit Group -Large Batch:
P201,P202,P203,P204,P205,P206,P207,P208,P209,P210,P211,P212,P213,P214,P215,P216,P217,P218,P219,P220,P221,P222,P223,P224,P226,P227,P228,P229,P230,P231,P232,P233,P234,P235,P236,P237,P238,P239,P240,P241,P242,P243,P244,P245,P246,P247,P248,P249,P250,P251,P252,P253,P254,P255,P346,P347,P375,P376,

EU ID	Operations, Property and/or Equipment Description
P201	Large Batch Premix tank PM-241
P202	large Batch Thindown tank TD-242
P203	Large Batch Premix tank PM-211
P204	Large Batch Premix Tank PM-221
P205	Large Batch Premix tank PM-231
P206	Large Batch Premix tank PM-251
P207	Large Batch Premix tank PM-261
P208	Large Batch Premix tank PM-271
P209	Large Batch Premix tank PM-281
P210	Large Batch Premix tank PM-291
P211	Large Batch Premix tank PM-301
P212	Large Batch Thindown Tank TD-212
P213	Large Batch Thindown Tank TD-213
P214	Large Batch Thindown Tank TD-214
P215	Large Batch Thindown Tank TD-215
P216	Large Batch Thindown Tank TD-222
P217	Large Batch Thindown Tank TD-223
P218	Large Batch Thindown Tank TD-224
P219	Large Batch Thindown Tank TD-232
P220	Large Batch Thindown Tank TD-233
P221	Large Batch Thindown Tank TD-234
P222	Large Batch Thindown Tank TD-267
P223	Large Batch Thindown Tank TD-243
P224	Large Batch Thindown Tank TD-244
P226	Large Batch Thindown Tank TD-252
P227	Large Batch Thindown Tank TD-253
P228	Large Batch Thindown Tank TD-254
P229	Large Batch Thindown Tank TD-255
P230	Large Batch Thindown Tank TD-262
P231	Large Batch Thindown Tank TD-263
P232	Large Batch Thindown Tank TD-264
P233	Large Batch Thindown Tank TD-265
P234	Large Batch Thindown Tank TD-266
P235	Large Batch Thindown Tank TD-272
P236	Large Batch Thindown Tank TD-273
P237	Large Batch Thindown Tank TD-274
P238	Large Batch Thindown Tank TD-275
P239	Large Batch Thindown Tank TD-276
P240	Large Batch Thindown Tank TD-282
P241	Large Batch Thindown Tank TD-283

EU ID	Operations, Property and/or Equipment Description
P242	Large Batch Thindown Tank TD-284
P243	P243Large Batch Thindown Tank TD-285
P244	Large Batch Thindown Tank TD-286
P245	Large Batch Thindown Tank TD-292
P246	Large Batch Thindown Tank TD-293
P247	Large Batch Thindown Tank TD-294
P248	Large Batch Thindown Tank TD-295
P249	Large Batch Thindown Tank TD-296
P250	Large Batch Thindown Tank TD-297
P251	Large Batch Thindown Tank TD-302
P252	Large Batch Thindown Tank TD-303
P253	Large Batch Thindown Tank TD-304
P254	Large Batch Thindown Tank TD-305
P255	Large Batch Thindown Tank TD-306
P346	500 gallon thindown tank with 25 HP agitator (TD-287)
P347	6000 gallon thindown tank with 75 HP agitator (TD-232)
P375	TD-213
P376	TD-214

a) This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

(1) For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.

a. d)(5)

(2) For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.

a. b)(1)a., b)(2)c. through b)(2)p., c(1), d)(1) through(4), d)(6),d)(7), e)(1), e)(2), e)(6) and f)(1)a. through f)(1)f.

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(D)	See b)(2)c. through b)(2)p.
b.	OAC rule 3745-31-05(A)(3), as	The permittee shall control VOC

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
	effective 11/30/01	emissions from this emissions unit through the use of a Regenerative Thermal Oxidizer with a designed minimum control efficiency of 97.55%. See b)(2)a below.
c.	OAC rule 3745-31-05(A)(3), as effective 12/01/06	See b)(2)b below.
d.	OAC rule 3745-17-11(B)(1)	The emission limit specified by this rule is equivalent to or less stringent than the emission limit established pursuant to OAC rule 3745-31-05(D).
e.	OAC rule 3745-17-07(A)(1)	Visible particulate emissions shall not exceed 20% opacity, as a six (6)-minute average, except as provided by the rule.

(2) Additional Terms and Conditions

a. The permittee has satisfied the Best Available Technology (BAT) requirements pursuant to OAC paragraph 3745-31-05(A)(3), as effective November 30, 2001, in this permit. On December 1, 2006, paragraph (A)(3) of OAC rule 3745-31-05 was revised to conform to ORC changes effective August 3, 2006 (S.B. 265 changes), such that BAT is no longer required by State regulations for NAAQS pollutants less than ten tons per year. However, that rule revision has not yet been approved by U.S. EPA as a revision to Ohio's State Implementation Plan (SIP). Therefore, until the SIP revision occurs and the U.S. EPA approves the revisions to OAC rule 3745-31-05, the requirement to satisfy BAT still exists as part of the federally approved SIP for Ohio. Once U.S. EPA approves the December 1, 2006 version of 3745-31-05, then these emission limits/control measures no longer apply.

This rule paragraph applies once U.S. EPA approves the December 1, 2006 version of OAC rule 3745-31-05 as part of the State implementation Plan.

b. The Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) do not apply to the VOC emissions from these air contaminant sources since the uncontrolled potential to emit for VOC emissions is less than 10 tons per year.

c. The VOC emissions from this emissions unit shall be vented to the thermal oxidizer that shall meet the operational, monitoring, and record keeping requirements of this permit, when the emissions unit is in operation.

d. The permittee shall control VOC emissions from this emissions unit through the use of a Regenerative Thermal Oxidizer with a minimum control efficiency of 97.55%.

e. The emissions from the Large Batch Production Area, Premix and Thindown Tanks, (emissions units P201 through P224, P226 through P255, P346, P347, P375, P376, P396) shall not exceed the following:

Volatile Organic Compounds (VOC) from Premix Tanks1.14 tons/year

Volatile Organic Compounds (VOC) from Thindown Tanks 0.55 ton/year

Particulate Matter (PM) from Premix Tanks 0.57 ton/year

Particulate Matter (PM) from Thindown Tanks 0.02 ton/year

f. ThisfacilityshallutilizeaPremixTankVOC TruckBayDooremissionfactorof5.128E-06lbs.VOC/gal. ofproductproducedintheLargeBatchProductionAreaforemissionsunits,P201,andP203through P211unless otherwiseapprovedinwritingbyOhioEPA,CDO. This emission factor was developed in accordance with the permit application submitted July 7, 2014.

g. ThisfacilityshallutilizeaPremixTankV O C Conc/Oxemissionfactorof4.698E-05lbs.V OC/gal.of productproducedintheLargeBatchProductionAreaforemissionsunits,P201,andP203 throughP211 unless otherwiseapprovedinwritingbyOhioEPA,CDO. This emission factor was developed in accordance with the permit application submitted July 7, 2014.

h. This facility shall utilize a Premix Tank PM Large Batch Fugitive Stack emission factor of 4.93 E-05 lbs. PM/gal. of product produced in the Large Batch Production Area for emissions units, P201, and P203 through P211 unless otherwise approved in writing by Ohio EPA, CDO. This emission factor was developed in accordance with the permit application submitted July 7, 2014.

i. This facility shall utilize a Premix Tank PM Truck Bay Door emission factor of 3.02 E-6 lbs. PM/gal. of product produced in the Large Batch Production Area for emissions units, P201, and P203 through P211 unless otherwise approved in writing by Ohio EPA, CDO. This emission factor was developed in accordance with the permit application submitted July 7, 2014.

j. Thisfacility shallutilizeaThindowntankPMLargeBatchFugitiveStackemissionfactorof1.47E-6lbs PM/galofproductproducedintheLargeBatchProductionAreaforemissionunitsP202a ndP212 through P224 and, P226 through P255, P346, P347, P375, P376, and P396, unlessotherwiseapprovedinwritingbyOhioEPA,CDO. This emission factor was developed in accordance with the permit application submitted July 7, 2014.

k. This facilityshallutilizeaThindownTankPM TruckBayDooremissionfactorof9.02E-8lbsPM/galof productproducedintheLargeBatchProductionAreaforemissionunitsP202andP212th roughP224,P226throughP255, P346, P347, P375, P376, and P396,unless

otherwiseapprovedinwritingbyOhioEPA,CDO. This emission factor was developed in accordance with the permit application submitted July 7, 2014.

l. This facility shall utilize a Thindown Tank VOC Large Batch Fugitive Stack emission factor of 1.364 E-5 lbs. VOC/gal. of product produced in the Large Batch Production Area for emissions units, P202 and P212 through P224, P226 through P255, P346, P347, P375, P376, and P396, unless otherwise approved in writing by Ohio EPA, CDO. This emission factor was developed in accordance with the permit application submitted July 7, 2014.

m. This facility shall utilize a Thindown Tank VOC Conc/Ox emission factor of 1.047 E-4 lbs. OC/gal. of product produced in the Large Batch Production Area for emissions units, P202 and P212 through P224, P226 through P255, P346, P347, P375, P376, and P396, unless otherwise approved in writing by Ohio EPA, CDO. This emission factor was developed in accordance with the permit application submitted July 7, 2014.

n. Emissions of any individual HAP from all emission units located at this facility included as part of the coil/extrusion coating operation shall not exceed 6.14 tons per year, as a rolling, 12-month summation.

o. Emissions of VOC from all emission units located at this facility included as part of the coil/extrusion coating operation shall not exceed 19.54 tons per year, as a rolling, 12-month summation.

p. Emissions of Total HAP from all emission units located at this facility included as part of the coil/extrusion coating operation shall not exceed 10.41 tons per year, as a rolling, 12-month summation.

q. The coil/extrusion coating portion of this facility includes those emission units covered by Air Permit to Install and Operate number P0117273 and this permit.

c) Operational Restrictions

(1) The maximum rolling twelve (12) month coatings production rate for the Large Batch Production Area (emissions units P201 through P224 and P226 through P255) shall be limited to 7,500,000 gallons. The production emissions will be assigned to the day the coating is drained from the letdown tank (corresponds to filling report).

d) Monitoring and/or Recordkeeping Requirements

(1) In order to maintain compliance with the applicable emission limitation(s) contained in this permit, the acceptable average combustion temperature within the thermal oxidizer, for any 3-hour block of time when the emissions unit(s) controlled by the thermal oxidizer is/are in operation, shall not be more than 50 degrees Fahrenheit below the average temperature measured during the most recent performance test that demonstrated the emissions unit(s) was/were in compliance.

(2) The permittee shall properly install, operate, and maintain a continuous temperature monitor and recorder that measures and records the combustion temperature within the

thermal oxidizer when the emissions unit(s) is/are in operation, including periods of startup and shutdown. Units shall be in degrees Fahrenheit. The accuracy for each thermocouple, monitor, and recorder shall be guaranteed by the manufacturer to be within ± 1 percent of the temperature being measured or ± 5 degrees Fahrenheit, whichever is greater. The temperature monitor and recorder shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and the operating manuals, with any modifications deemed necessary by the permittee. The permittee shall collect and record the following information each day the emissions unit(s) is/are in operation:

a. all 3-hour blocks of time, when the emissions unit(s) controlled by the thermal oxidizer was/were in operation, during which the average combustion temperature within the thermal oxidizer was more than 50 degrees Fahrenheit below the average temperature measured during the most recent performance test that demonstrated the emissions unit(s) was/were in compliance; and

b. a log (date and total time) of the downtime or bypass of the capture (collection) system and thermal oxidizer, and/or downtime of the monitoring equipment, when the associated emissions unit(s) was/were in operation.

These records shall be maintained at the facility for a period of three years.

(3) Whenever the monitored average combustion temperature within the thermal oxidizer deviates from the range or limit established in accordance with this permit, the permittee shall promptly investigate the cause of the deviation. The permittee shall maintain records of the following information for each investigation:

a. the date and time the deviation began;

b. the magnitude of the deviation at that time;

c. the date the investigation was conducted;

d. the name(s) of the personnel who conducted the investigation; and

e. the findings and recommendations.

In response to each required investigation to determine the cause of a deviation, the permittee shall take prompt corrective action to bring the operation of the control equipment within the acceptable range/limit specified in this permit, unless the permittee determines that corrective action is not necessary and documents the reasons for that determination and the date and time the deviation ended. The permittee shall maintain records of the following information for each corrective action taken:

f. a description of the corrective action;

g. the date corrective action was completed;

h. the date and time the deviation ended;

i. the total period of time (in minutes) during which there was a deviation;

j. the temperature readings immediately after the corrective action was implemented; and

k. the name(s) of the personnel who performed the work.

Investigation and records required by this paragraph do not eliminate the need to comply with the requirements of OAC rule 3745-15-06 if it is determined that a malfunction has occurred.

(4) The temperature range/limit is effective for the duration of this permit, unless revisions are requested by the permittee and approved in writing by the appropriate Ohio EPA District Office or local air agency. The permittee may request revisions to the permitted temperature range/limit based upon information obtained during future performance tests that demonstrate compliance with the allowable emission rate(s) for the controlled pollutant(s). In addition, approved revisions to the temperature range/limit will not constitute a relaxation of the monitoring requirements of this permit and may be incorporated into this permit by means of aadministrative modification.

(5) Modeling to demonstrate compliance with, the “Toxic Air Contaminant Statute”, ORC 3704.03(F)(4)(b), was not necessary because the emissions unit’s maximum annual emissions for each toxic air contaminant, as defined in OAC rule 3745-114-01, will be less than 1.0 ton per year. OAC Chapter 3745-31 requires a permittee to apply for and obtain a new or modified FEPTIO prior to making a "modification" as defined by OAC rule 3745-31-01. The permittee is hereby advised that changes in the composition of the materials, or use of new materials, that would cause the emissions of any toxic air contaminant to increase to above 1.0 ton per year may require the permittee to apply for and obtain a new FEPTIO.

(6) Thisfacility shallmaintainmonthlyrecords whichlistthefollowinginformationforproductsproducedinthe for the coil/extrusion coating portion of this facility:

a. calculationsshowingthe rolling, 12-month individual HAP emissions for each HAP for all the materials employed; and

b. calculationsshowingthe rolling, 12-month total combined HAPs emissions for all the materials employed; and

c. calculationsshowingthe rolling, 12-month total VOC emissions for all the materials employed.

(7) Thisfacility shallmaintaindailyrecordswhichlistthefollowinginformationforproductsproducedinthe LargeBatchProductionArea (emissions units P201throughP224,P226throughP255, P346, P347, P375, P376, and P396):

a. thenumber ofgallons ofproductproducedintheLargeBatchProductionArea;

b. thenumber ofgallons ofproductproducedineachemissions unit;

c. thetotalhours ofdailyoperationofeachemissions unit;

e) Reporting Requirements

(1) ThisfacilityshallsubmitquarterlyreportstotheCentralDistrictOffice,whichprovidethetotalV O C emissionsfortheLargeBatchThindown Tanks,emissionsunitsP202,P212throughP224,P226 throughP255, P346, P347, P375, P376, and P396,totalVOC emissionsfortheLargeBatchPremixTanks,emissionsunitsP201,andP203 throughP211,totalPMemissionsfortheLargeBatchProductionArea,emissionsunitsP201thro ugh P224,P226throughP255, P346, P347, P375, P376, and P396,andwhichdocumentsanyexceedance(s)ofthepermittedproductionrate and/oremissionslimits,forthepreviousthree(3)calendarmonths(October1 throughDecember31,January1throughMarch31,April1throughJune30,and July1 through September30,respectively).ThereportsshallbesubmittedbyFebruary15,May15,August15,a nd November15ofeachyear.

(2) The permittee shall submit quarterly summaries of the following records:

a. all 3-hour blocks of time (when the emissions unit(s) was/were in operation) during which the average combustion temperature within the thermal oxidizer was more than 50 degrees Fahrenheit below the average temperature maintained during the most recent performance test that demonstrated the emissions unit(s) was/were in compliance;

b. any records of downtime (date and length of time) for the capture (collection) system, the thermal oxidizer, and/or the monitoring equipment when the emissions unit(s) was/were in operation; and

c. a log of the operating time for the capture system, thermal oxidizer, monitoring equipment, and the emissions unit(s).

d. all exceedances of the rolling, rolling 12-month limitation of the production rate;

These quarterly reports shall be submitted by April 30, July 31, October 31, and January 31, and shall cover the records for the previous calendar quarters.

(3) Unless other arrangements have been approved by the Director, all notifications and reports shall be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal.

(4) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA. The PER must be completed electronically and submitted via the Ohio EPA e-Business Center: Air Services by the due date identified in the Authorization section of this permit. The permit evaluation report shall cover a reporting period of no more than twelve months for each air contaminant source identified in this permit.

(5) The permittee shall identify in the annual permit evaluation report the following information concerning the operations of the thermal oxidizer during the 12-month reporting period for this/these emissions unit(s):

a. each period of time (start time and date, and end time and date) when the average combustion temperature within the thermal oxidizer was outside of the acceptable range;

b. any period of time (start time and date, and end time and date) when the emissions unit(s) was/were in operation and the process emissions were not vented to the thermal oxidizer;

c. each incident of deviation described in “a” or “b” (above) where a prompt investigation was not conducted;

d. each incident of deviation described in “a” or “b” where prompt corrective action, that would bring the emissions unit(s) into compliance and/or the temperature within the thermal oxidizer into compliance with the acceptable range, was determined to be necessary and was not taken; and

e. each incident of deviation described in “a” or “b” where proper records were not maintained for the investigation and/or the corrective action(s), as identified in the monitoring and record keeping requirements of this permit.

(6) The permittee shall submit quarterly deviation (excursion) reports that identify the following information:

a. all exceedances of the rolling, 12-month individual HAP emission limitation for each HAP for all the materials employed; and

b. allexceedances of the rolling, 12-month total combined HAPs emission limitation for all the materials employed.

c. allexceedances of the rolling, 12-month total VOC emission limitation for all the materials employed.

f) Testing Requirements

(1) Compliance with the Emissions Limitations and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:

a. Emission Limitations: The permittee shall control VOC emissions from this emissions unit through the use of a Regenerative Thermal Oxidizer with a minimum control efficiency of 97.55%

Applicable Compliance Method: The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:

i. The emission testing shall be conducted within 6 months after issuance of this permit and within 6 months prior to permit renewal.

ii. The emission testing shall be conducted to demonstrate compliance with the minimum VOC control efficiency of 97.55%

iii. The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s) for:

VOC, Methods 1-4 and 25 and/or 18 of 40 CFR Part 60, Appendix A

Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.

The control efficiency (i.e., the percent reduction in mass emissions between the inlet and outlet of the control system) shall be determined in accordance with the test methods and procedures specified in 3745-21-10 or an alternative test protocol approved by the Ohio EPA. The test methods and procedures selected shall be based on a consideration of the diversity of the organic species present and their total concentration, and on a consideration of the potential presence of interfering gases.

iv. The test(s) shall be conducted while the facility is operating at or near its maximum capacity unless otherwise specified or approved by the Ohio EPA, CDO.

Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA, Central District Office. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA, Central District Office's refusal to accept the results of the emission test(s).

Personnel from the Ohio EPA, Central District Office shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the Ohio EPA, Central District Office within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the Ohio EPA, Central District Office.

b. Emissions Limitation: VOC emissions from the Large Batch Production Area, Premix Tanks, (emissions units P201 through P224, P226 through P255, P346, P347, P375, P376, P396) shall not exceed 1.14tons per year.

Applicable Compliance Method: Compliance with the annual emissions limitation shall be determined by the actual 12 month summation of VOC

emissions produced, in tons per year, (as derived from the records required by term and condition d)(6) above).

c. Emissions Limitation: VOC emissions from the Large Batch Production Area, Thindown Tanks, (emissions units P201 through P224, P226 through P255, P346, P347, P375, P376, P396) shall not exceed 0.55 ton per year

Applicable Compliance Method:. Compliance with the annual emissions limitation shall be determined by the actual 12 month summation of VOC emissions produced, in tons per year, (as derived from the records required by term and condition d)(6) above).

d. Emission Limitation: Emissions of any individual HAP from all emission units located at this facility included as part of the coil/extrusion coating operation shall not exceed 6.14 tons per year, as a rolling, 12-month summation.

Applicable Compliance Method: Compliance with the rolling 12 month emissions limitation shall be determined by the actual rolling 12 month summation of individual HAP emissions produced, in tons per rolling 12 month period, (as derived from the records required by term and condition d)(6) above).

e. Emission Limitation: Emissions of VOC from all emission units located at this facility included as part of the coil/extrusion coating operation shall not exceed 19.54 tons per year, as a rolling, 12-month summation.

Applicable Compliance: Compliance with the rolling 12 month emissions limitation shall be determined by the actual rolling 12 month summation of VOC emissions produced, in tons per rolling 12 month period, (as derived from the records required by term and condition d)(6) above).

f. Emission Limitation: Emissions of Total HAP from all emission units located at this facility included as part of the coil/extrusion coating operation shall not exceed 10.41 tons per year, as a rolling, 12-month summation

Applicable Compliance Method: Method: Compliance with the rolling 12 month emissions limitation shall be determined by the actual rolling 12 month summation of total HAP emissions produced, in tons per rolling 12 month period, (as derived from the records required by term and condition d)(6) above).

g. Emission Limitation: Visible particulate emissions from the stack shall not exceed 20% opacity as a 6-minute average.

Applicable Compliance Method: Compliance shall be determined using Method 9 as set forth in 40 CFR Part 60 Appendix A, as such appendix existed on July 1, 1996 and the modifications listed in paragraphs (B)(3)(a) and (B)(3)(b) of OAC rule 3745-17-03.

h. Emission Limitation: Thep a r t i c u l a t e emissionsfromtheLargeBatchProductionArea,PremixTanks,(em

issionsunits P202, P212, P216 through 217, P219 through P223, P226throughP255, P347, and P375 through P376)shallnotexceed from0.57ton/year.

Applicable Compliance Method: Compliance with the annual emissions limitation shall be determined by the actual 12 month summation of particulate emissions produced, in tons per year, (as derived from the records required by term and condition d)(7) above).

i. Emission Limitation: The particulate emissions from the Large Batch Production Area, thindown Tanks, (emissions units P202, P212, P216 through 217, P219 through P223, P226 through P255, P347, and P375 through P376) shall not exceed from 0.02 ton/year.

Applicable Compliance Method: Compliance with the annual emissions limitation shall be determined by the actual 12 month summation of particulate emissions produced, in tons per year, (as derived from the records required by term and condition d)(7) above).

g) Miscellaneous Requirements

(1) None.

8. Emissions Unit Group -Small Batch: P275,P276,P277,P278,P279,P280,P281,P282,P283,P284,P285,P286,P287,P288,P289,P290,P291,P305,P306,P307,P308,P326,P327,P328,P329,P330,P331,P332,P333,P334,P335,P371,

EU ID	Operations, Property and/or Equipment Description
P275	Portable Mixing Station AG-701
P276	Portable Mixing Station AG-702
P277	Portable Mixing Station AG-703
P278	Portable Mixing Station AG-704
P279	Portable Mixing Station AG-705
P280	Portable Mixing Station AG-706
P281	Portable Mixing Station AG-707
P282	Portable Mixing Station AG-708
P283	Portable Mixing Station AG-709
P284	Portable Mixing Station AG-710
P285	Portable Mixing Station AG-711
P286	Portable Mixing Station AG-712
P287	Portable Mixing Station AG-713
P288	Portable Mixing Station AG-714
P289	Portable Mixing Station AG-715
P290	Portable Mixing Station AG-716
P291	Portable Mixing Station AG-717
P305	Portable Mixing Station AG-731
P306	Portable Mixing Station AG-732
P307	Portable Mixing Station AG-733
P308	Portable Mixing Station AG-734
P326	Portable Mixing Station AG-781
P327	Portable Mixing Station AG-782
P328	Portable Mixing Station AG-783
P329	Portable Mixing Station AG-784
P330	Portable Mixing Station AG-785
P331	Portable Mixing Station AG-786
P332	Portable Mixing Station AG-787
P333	Portable Mixing Station AG-788
P334	Portable Mixing Station AG-789
P335	Portable Mixing Station AG-790
P371	Portable small batch and Intermix Agitator.

a) This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

(1) For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.

a. d)(5)

(2) For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.

a. b)(1)a., b)(2)c. through b)(2)j., b)(2)n. through b)(2)q., c(1),c)(2), d)(1) through(4), d)(6),d)(7), e)(1), e)(5),e)(6), f)(1)a. through f)(1)b. and f)(1)d. through f)(1)f.

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(D)	See b)(2)c. through b)(2)j. and b)(2)n. through b)(2)q.
b.	OAC rule 3745-31-05(A)(3), as effective 11/30/01	The permittee shall control VOC emissions from this emissions unit through the use of a Regenerative Thermal Oxidizer with a designed minimum control efficiency of 97.55%. See b)(2)a below.
c.	OAC rule 3745-31-05(A)(3), as effective 12/01/06	See b)(2)b below.
d.	OAC rule 3745-17-11(B)(1)	The emission limit specified by this rule is equivalent to or less stringent than the emission limit established pursuant to OAC rule 3745-31-05(D).
e.	OAC rule 3745-17-07(A)(1)	Visible particulate emissions shall not exceed 20% opacity, as a six (6)-minute average, except as provided by the rule.

(2) Additional Terms and Conditions

a. The permittee has satisfied the Best Available Technology (BAT) requirements pursuant to OAC paragraph 3745-31-05(A)(3), as effective November 30, 2001, in this permit. On December 1, 2006, paragraph (A)(3) of OAC rule 3745-31-05 was revised to conform to ORC changes effective August 3, 2006 (S.B. 265 changes), such that BAT is no longer required by State regulations for NAAQS pollutants less than ten tons per year. However, that rule revision has not yet been approved by U.S. EPA as a revision to Ohio's State Implementation Plan (SIP). Therefore, until the SIP revision occurs and the U.S. EPA approves the revisions to OAC rule 3745-31-05, the requirement to satisfy BAT still exists as part of the federally approved SIP for Ohio. Once U.S. EPA approves the

December 1, 2006 version of 3745-31-05, then these emission limits/control measures no longer apply.

This rule paragraph applies once U.S. EPA approves the December 1, 2006 version of OAC rule 3745-31-05 as part of the State implementation Plan.

b. The Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) do not apply to the VOC emissions from these air contaminant sources since the uncontrolled potential to emit for VOC emissions is less than 10 tons per year.

c. The VOC emissions from this emissions unit shall be vented to the thermal oxidizer that shall meet the operational, monitoring, and record keeping requirements of this permit, when the emissions unit is in operation.

d. The permittee shall control VOC emissions from this emissions unit through the use of a Regenerative Thermal Oxidizer with a minimum control efficiency of 97.55%.

e. This facility shall utilize a Mixing Station VOC Small Batch Primary Portable Fugitive Stack emission factor of 3.589 E-3 lbs. VOC/gal. of product produced in the Small Batch Portable Production Area for emissions units, P275 through P291, P305 through P308, P326 through P335, P371, and P387 through P395, unless otherwise approved in writing by Ohio EPA, CDO. This emission factor was developed in accordance with the permit application submitted July 7, 2014.

f. This facility shall utilize a Mixing Station VOC Small Batch Primary Portable Truck Bay Door emission factor of 1.465 E-4 lbs. VOC/gal. of product produced in the Small Batch Portable Production Area for emissions units, P275 through P291, P305 through P308, P326 through P335, P371, and P387 through P395, unless otherwise approved in writing by Ohio EPA, CDO. This emission factor was developed in accordance with the permit application submitted July 7, 2014.

g. This facility shall utilize a Mixing Station VOC Small Batch Primary Portable Conc/Ox emission factor of1.73 E-2 lbs. VOC/gal. of product produced in the Small Batch Portable Production Area for emissions units P275 through P291, P305 through P308, P326 through P335, P371, and P387 through P395, unless otherwise approved in writing by Ohio EPA, CDO. This emission factor was developed in accordance with the permit application submitted July 7, 2014.

h. This facility shall utilize a Mixing Station VOC Small Batch Intermix Portable Fugitive Stack emission factor of 1.778 E-4 lbs. VOC/gal. of product produced in the Small Batch Portable Production Area for emissions units, P275 through P291, P305 through P308, P326 through P335, P371, and P387 through P395, unless otherwise approved in writing by Ohio EPA, CDO. This emission factor was developed in accordance with the permit application submitted July 7, 2014.

i. This facility shall utilize a Mixing Station VOC Small Batch Intermix Portable Truck Bay Door emission factor of 7.258 E-6 lbs. VOC/gal. of product produced in the Small Batch Portable Production Area for emissions units, P275 through

P291, P305 through P308, P326 through P335, P371, and P387 through P395, unless otherwise approved in writing by Ohio EPA, CDO. This emission factor was developed in accordance with the permit application submitted July 7, 2014.

j. This facility shall utilize a Mixing Station VOC Small Batch Intermix Portable Conc/Ox emission factor of 3.219 E-4 lbs. VOC/gal. of product produced in the Small Batch Portable Production Area for emissions units, P275 through P291, P305 through P308, P326 through P335, P371, and P387 through P395, unless otherwise approved in writing by Ohio EPA, CDO. This emission factor was developed in accordance with the permit application submitted July 7, 2014.

k. This facility shall utilize a Mixing Station PM Small Batch Primary Portable Conc/Ox emission factor of 2.2 E-5 lbs. PM/gal. of product produced in the Small Batch Portable Production Area for emissions units P275 through P291, P305 through P308, P326 through P335, P371, and P387 through P395, unless otherwise approved in writing by Ohio EPA, CDO. This emission factor was developed in accordance with the permit application submitted July 7, 2014.

l. This facility shall utilize a Mixing Station PM Small Batch Primary Portable Truck Bay Door emission factor of 5.09 E-6 lbs. PM/gal. of product produced in the Small Batch Portable Production Area for emissions units, P275 through P291, P305 through P308, P326 through P335, P371, and P387 through P395, unless otherwise approved in writing by Ohio EPA, CDO. This emission factor was developed in accordance with the permit application submitted July 7, 2014.

m. This facility shall utilize a Mixing Station PM Small Batch Primary Portable fugitive stack emission factor of 1.25 E-4 lbs. PM/gal. of product produced in the Small Batch Portable Production Area for emissions units, P275 through P291, P305 through P308, P326 through P335, P371, and P387 through P395, unless otherwise approved in writing by Ohio EPA,CDO. This emission factor was developed in accordance with the permit application submitted July 7, 2014.

n. The emissions from the Small Batch Portable Production Area, (emissions units P275 through P291, P305 through P308, P326 through P335, P371, and P387 through P395) shall not exceed the following:

Volatile Organic Compounds (VOC)	9.06 tons/year
Particulate Matter (PM)	0.1 ton/year

o. Emissions of any individual HAP from all emission units located at this facility included as part of the coil/extrusion coating operation shall not exceed 6.14 tons per year, as a rolling, 12-month summation.

p. Emissions of VOC from all emission units located at this facility included as part of the coil/extrusion coating operation shall not exceed 19.54 tons per year, as a rolling, 12-month summation.

q. Emissions of Total HAP from all emission units located at this facility included as part of the coil/extrusion coating operation shall not exceed 10.41 tons per year, as a rolling, 12-month summation.

c) Operational Restrictions

(1) The maximum rolling twelve (12) month coatings production rate for the Small Batch Primary Portable Production Area, Mixing Stations, (emissions units P275 through P291, P305 through P308, P326 through P335, P371, and P387 through P395) shall be limited 700,000 gallons. The production rate shall be calculated at the time the product is put into drums or totes (corresponds to filling report).

(2) The maximum rolling twelve (12) month coatings production rate for the Small Batch Intermix Portable Production Area, Mixing Stations, (emissions units P275 through P291, P305 through P308, P326 through P335, P371, and P387 through P395) shall be limited 1,300,000 gallons. The production rate shall be calculated at the time the product is put into drums or totes (corresponds to filling report).

d) Monitoring and/or Recordkeeping Requirements

(1) In order to maintain compliance with the applicable emission limitation(s) contained in this permit, the acceptable average combustion temperature within the thermal oxidizer, for any 3-hour block of time when the emissions unit(s) controlled by the thermal oxidizer is/are in operation, shall not be more than 50 degrees Fahrenheit below the average temperature measured during the most recent performance test that demonstrated the emissions unit(s) was/were in compliance.

(2) The permittee shall properly install, operate, and maintain a continuous temperature monitor and recorder that measures and records the combustion temperature within the thermal oxidizer when the emissions unit(s) is/are in operation, including periods of startup and shutdown. Units shall be in degrees Fahrenheit. The accuracy for each thermocouple, monitor, and recorder shall be guaranteed by the manufacturer to be within ± 1 percent of the temperature being measured or ± 5 degrees Fahrenheit, whichever is greater. The temperature monitor and recorder shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and the operating manuals, with any modifications deemed necessary by the permittee. The permittee shall collect and record the following information each day the emissions unit(s) is/are in operation:

a. all 3-hour blocks of time, when the emissions unit(s) controlled by the thermal oxidizer was/were in operation, during which the average combustion temperature within the thermal oxidizer was more than 50 degrees Fahrenheit below the average temperature measured during the most recent performance test that demonstrated the emissions unit(s) was/were in compliance; and

b. a log (date and total time) of the downtime or bypass of the capture (collection) system and thermal oxidizer, and/or downtime of the monitoring equipment, when the associated emissions unit(s) was/were in operation.

These records shall be maintained at the facility for a period of three years.

(3) Whenever the monitored average combustion temperature within the thermal oxidizer deviates from the range or limit established in accordance with this permit, the permittee shall promptly investigate the cause of the deviation. The permittee shall maintain records of the following information for each investigation:

a. the date and time the deviation began;

b. the magnitude of the deviation at that time;

c. the date the investigation was conducted;

d. the name(s) of the personnel who conducted the investigation; and

e. the findings and recommendations.

In response to each required investigation to determine the cause of a deviation, the permittee shall take prompt corrective action to bring the operation of the control equipment within the acceptable range/limit specified in this permit, unless the permittee determines that corrective action is not necessary and documents the reasons for that determination and the date and time the deviation ended. The permittee shall maintain records of the following information for each corrective action taken:

f. a description of the corrective action;

g. the date corrective action was completed;

h. the date and time the deviation ended;

i. the total period of time (in minutes) during which there was a deviation;

j. the temperature readings immediately after the corrective action was implemented; and

k. the name(s) of the personnel who performed the work.

Investigation and records required by this paragraph do not eliminate the need to comply with the requirements of OAC rule 3745-15-06 if it is determined that a malfunction has occurred.

(4) The temperature range/limit is effective for the duration of this permit, unless revisions are requested by the permittee and approved in writing by the appropriate Ohio EPA District Office or local air agency. The permittee may request revisions to the permitted temperature range/limit based upon information obtained during future performance tests that demonstrate compliance with the allowable emission rate(s) for the controlled pollutant(s). In addition, approved revisions to the temperature range/limit will not constitute a relaxation of the monitoring requirements of this permit and may be incorporated into this permit by means of aadministrative modification.

(5) Modeling to demonstrate compliance with, the "Toxic Air Contaminant Statute", ORC 3704.03(F)(4)(b), was not necessary because the emissions unit's maximum annual emissions for each toxic air contaminant, as defined in OAC rule 3745-114-01, will be less than 1.0 ton per year. OAC Chapter 3745-31 requires a permittee to apply for and obtain a new or modified FEPTIO prior to making a "modification" as defined by OAC rule 3745-31-01. The permittee is hereby advised that changes in the composition of the materials, or use of new materials, that would cause the emissions of any toxic air contaminant to increase to above 1.0 ton per year may require the permittee to apply for and obtain a new FEPTIO.

(6) Thisfacility shallmaintainmonthlyrecords whichlistthefollowinginformationforproductsproducedinthe for the coil/extrusion coating portion of this facility:

a. calculationsshowingthe rolling, 12-month individual HAP emission s for each HAP for all the materials employed; and

b. calculationsshowingthe rolling, 12-month total combined HAPs emissions for all the materials employed; and

c. calculationsshowingthe rolling, 12-month total VOC emissions for all the materials employed;

d. calculationsshowingthe total PM emissions for all the materials employed.

(7) Thisfacilityshallmaintaindailyrecordswhichlistthefollowinginformationforproductsproducedin the Small Batch Portable Production Area (emissions units P275 through P291, P305 through P308, P326 through P335, P371, and P387 through P395):

a. the number of gallons of product produced in the Small Batch Primary Portable Production Area;

b. thenumberofgallonsofproductproducedintheSmallBatchIntermixPortableProductionArea;

c. the number of gallons of product produced in each emissions unit;

d. the total hours of daily operation of each emissions unit;

e) Reporting Requirements

(1) The permittee shall submit quarterly summaries of the following records:

a. all 3-hour blocks of time (when the emissions unit(s) was/were in operation) during which the average combustion temperature within the thermal oxidizer was more than 50 degrees Fahrenheit below the average temperature maintained during the most recent performance test that demonstrated the emissions unit(s) was/were in compliance;

b. any records of downtime (date and length of time) for the capture (collection) system, the thermal oxidizer, and/or the monitoring equipment when the emissions unit(s) was/were in operation; and

c. a log of the operating time for the capture system, thermal oxidizer, monitoring equipment, and the emissions unit(s).

d. all exceedances of the rolling, rolling 12-month limitation of the production rate;

These quarterly reports shall be submitted by April 30, July 31, October 31, and January 31, and shall cover the records for the previous calendar quarters.

(2) Unless other arrangements have been approved by the Director, all notifications and reports shall be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal.

(3) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA. The PER must be completed electronically and submitted via the Ohio EPA e-Business Center: Air Services by the due date identified in the Authorization section of this permit. The permit evaluation report shall cover a reporting period of no more than twelve months for each air contaminant source identified in this permit.

(4) The permittee shall identify in the annual permit evaluation report the following information concerning the operations of the thermal oxidizer during the 12-month reporting period for this/these emissions unit(s):

a. each period of time (start time and date, and end time and date) when the average combustion temperature within the thermal oxidizer was outside of the acceptable range;

b. any period of time (start time and date, and end time and date) when the emissions unit(s) was/were in operation and the process emissions were not vented to the thermal oxidizer;

c. each incident of deviation described in “a” or “b” (above) where a prompt investigation was not conducted;

d. each incident of deviation described in “a” or “b” where prompt corrective action, that would bring the emissions unit(s) into compliance and/or the temperature within the thermal oxidizer into compliance with the acceptable range, was determined to be necessary and was not taken; and

e. each incident of deviation described in “a” or “b” where proper records were not maintained for the investigation and/or the corrective action(s), as identified in the monitoring and record keeping requirements of this permit.

(5) The permittee shall submit quarterly deviation (excursion) reports that identify the following information:

a. all exceedances of the rolling, 12-month individual HAP emission limitation for each HAP for all the materials employed; and

b. allexceedances of the rolling, 12-month total combined HAPs emission limitation for all the materials employed.

c. allexceedances of the rolling, 12-month total VOC emission limitation for all the materials employed.

(6) This facility shall submit quarterly reports to the Central District Office, which provide the total VOC and PM emissions from the Small Batch Portable Production Area, (emissions units P275 through P291, P305 through P308, P326 through P335, P371, and P387 through P395), and which documents any exceedance(s) of the permitted emissions limits, for the previous three (3) calendar months (October 1 through December 31, January 1 through March 31, April 1 through June 30, and July 1 through September 30, respectively).

f) Testing Requirements

(1) Compliance with the Emissions Limitations and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:

a. Emission Limitations: The permittee shall control VOC emissions from this emissions unit through the use of a Regenerative Thermal Oxidizer with a minimum control efficiency of 97.55%

Applicable Compliance Method: The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:

i. The emission testing shall be conducted within 6 months after issuance of this permit and within 6 months prior to permit renewal.

ii. The emission testing shall be conducted to demonstrate compliance with the minimum VOC control efficiency of 97.55%

iii. The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s) for:

VOC, Methods 1-4 and 25 and/or 18 of 40 CFR Part 60, Appendix A

Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.

The control efficiency (i.e., the percent reduction in mass emissions between the inlet and outlet of the control system) shall be determined in accordance with the test methods and procedures specified in 3745-21-10 or an alternative test protocol approved by the Ohio EPA. The test methods and procedures selected shall be based on a consideration of the diversity of the organic species present and their total concentration, and on a consideration of the potential presence of interfering gases.

iv. The test(s) shall be conducted while the facility is operating at or near its maximum capacity unless otherwise specified or approved by the Ohio EPA, CDO.

Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA, Central District Office. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA, Central District Office's refusal to accept the results of the emission test(s).

Personnel from the Ohio EPA, Central District Office shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the Ohio EPA, Central District Office within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the Ohio EPA, Central District Office.

b. Emissions Limitation:VOC emissions from the Small Batch Portable Production Area, (emissions units P275 through P291, P305 through P308, P326 through P335, P371, and P387 through P395) shall not exceed 9.06 tons per year.

Applicable Compliance Method:. Compliance with the annual emissions limitation shall be determined by the actual 12 month summation of VOC emissions produced, in tons per year, (as derived from the records required by term and condition d)(6) above).

c. Emission Limitation: The particulate emissions from the Small Batch Portable Production Area, (emissions units P275 through P291, P305 through P308, P326 through P335, P371, and P387 through P395) shall not exceed 0.1 ton per year.

Applicable Compliance Method: Compliance with the annual emissions limitation shall be determined by the actual 12 month summation of particulate emissions produced, in tons per year, (as derived from the records required by term and condition d)(6) above).

d. Emission Limitation: Emissions of any individual HAP from all emission units located at this facility included as part of the coil/extrusion coating operation shall not exceed 6.14 tons per year, as a rolling, 12-month summation.

Applicable Compliance Method: Compliance with the rolling 12 month emissions limitation shall be determined by the actual rolling 12 month summation of individual HAP emissions produced, in tons per rolling 12 month period, (as derived from the records required by term and condition d)(6) above).

e. Emission Limitation: Emissions of VOC from all emission units located at this facility included as part of the coil/extrusion coating operation shall not exceed 19.54 tons per year, as a rolling, 12-month summation.

Applicable Compliance: Compliance with the rolling 12 month emissions limitation shall be determined by the actual rolling 12 month summation of VOC emissions produced, in tons per rolling 12 month period, (as derived from the records required by term and condition d)(6) above).

f. Emission Limitation: Emissions of Total HAP from all emission units located at this facility included as part of the coil/extrusion coating operation shall not exceed 10.41 tons per year, as a rolling, 12-month summation

Applicable Compliance Method: Method: Compliance with the rolling 12 month emissions limitation shall be determined by the actual rolling 12 month summation of total HAP emissions produced, in tons per rolling 12 month period, (as derived from the records required by term and condition d)(6) above).

g. Emission Limitation: Visible particulate emissions from the stack shall not exceed 20% opacity as a 6-minute average.

Applicable Compliance Method: Compliance shall be determined using Method 9 as set forth in 40 CFR Part 60 Appendix A, as such appendix existed on July 1, 1996 and the modifications listed in paragraphs (B)(3)(a) and (B)(3)(b) of OAC rule 3745-17-03.

h. Emission Limitation: The particulate emissionsfromtheLargeBatchProductionArea,PremixTanks,(emissionsunits P202, P212, P216 through 217, P219 through P223, P226throughP255, P347, and P375 through P376)shallnotexceed from0.57ton/year.

Applicable Compliance Method: Compliance with the annual emissions limitation shall be determined by the actual 12 month summation of particulate emissions produced, in tons per year, (as derived from the records required by term and condition d)(6) above).

i. Emission Limitation: The particulate emissions from the Large Batch Production Area, thindown Tanks, (emissions units P202, P212, P216 through 217, P219 through P223, P226 through P255, P347, and P375 through P376) shall not exceed from 0.02 ton/year.

Applicable Compliance Method: Compliance with the annual emissions limitation shall be determined by the actual 12 month summation of particulate emissions produced, in tons per year, (as derived from the records required by term and condition d)(7) above).

g) Miscellaneous Requirements

(1) None.

9. Emissions Unit Group -Strontium Chromate: P256,P257,

EU ID	Operations, Property and/or Equipment Description
P256	Strontium Chromate PM-751
P257	Strontium Chromate PM-761

a) This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

(1) For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.

a. d)(5)

(2) For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.

a. b)(1)a., b)(2)d. through b)(2)g., b)(2)i. through b)(2)l., c(1), d)(1) through(4), d)(6),d)(7), e)(1), e)(2), e)(6) and f)(1)a. through f)(1)e.

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(D)	See b)(2)d. through b)(2)g. and b)(2)i. through b)(2)l.
b.	OAC rule 3745-31-05(A)(3), as effective 11/30/01	The permittee shall control VOC emissions from this emissions unit through the use of a Regenerative Thermal Oxidizer with a designed minimum control efficiency of 97.55%. See b)(2)a below.
c.	OAC rule 3745-31-05(A)(3), as effective 12/01/06	See b)(2)b below.
d.	OAC rule 3745-17-11(B)(1)	The emission limit specified by this rule is equivalent to or less stringent than the emission limit established pursuant to OAC rule 3745-31-05(D).
e.	OAC rule 3745-17-07(A)(1)	Visible particulate emissions shall not exceed 20% opacity, as a six (6)-minute

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		average, except as provided by the rule.

(2) Additional Terms and Conditions

a. The permittee has satisfied the Best Available Technology (BAT) requirements pursuant to OAC paragraph 3745-31-05(A)(3), as effective November 30, 2001, in this permit. On December 1, 2006, paragraph (A)(3) of OAC rule 3745-31-05 was revised to conform to ORC changes effective August 3, 2006 (S.B. 265 changes), such that BAT is no longer required by State regulations for NAAQS pollutants less than ten tons per year. However, that rule revision has not yet been approved by U.S. EPA as a revision to Ohio's State Implementation Plan (SIP). Therefore, until the SIP revision occurs and the U.S. EPA approves the revisions to OAC rule 3745-31-05, the requirement to satisfy BAT still exists as part of the federally approved SIP for Ohio. Once U.S. EPA approves the December 1, 2006 version of 3745-31-05, then these emission limits/control measures no longer apply.

b. This rule paragraph applies once U.S. EPA approves the December 1, 2006 version of OAC rule 3745-31-05 as part of the State implementation Plan.

c. The Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) do not apply to the VOC emissions from these air contaminant sources since the uncontrolled potential to emit for VOC emissions is less than 10 tons per year.

d. The VOC emissions from this emissions unit shall be vented to the thermal oxidizer that shall meet the operational, monitoring, and record keeping requirements of this permit, when the emissions unit is in operation.

e. The permittee shall control VOC emissions from this emissions unit through the use of a Regenerative Thermal Oxidizer with a minimum control efficiency of 97.55%.

f. This facility shall utilize a Strontium Chromate Slurry System VOC Fugitive Stack emission factor of 5.17 E-6 VOC/gal. of Strontium Chromate Slurry produced in emissions units P256 and P257unless otherwise approved in writing by Ohio EPA, CDO. This emission factor was developed in accordance with the permit application submitted July 7, 2014.

g. This facility shall utilize a Strontium Chromate Slurry System Conc/Ox emission factor of 1.25 E-5 lbs. VOC/gal. of Strontium Chromate Slurry produced in emissions units P256 and P257unless otherwise approved in writing by Ohio EPA, CDO. This emission factor was developed in accordance with the permit application submitted July 7, 2014.

h. This facility shall utilize a Strontium Chromate Slurry System PM Fugitive Stack emission factor of 1.13 E-8 lbs. PM/gal. of Strontium Chromate Slurry produced

in emissions units P256 and P257unless otherwise approved in writing by Ohio EPA, CDO. This emission factor was developed in accordance with the permit application submitted July 7, 2014.

i. Theemissions forthestrontiumchromatesystem(P256 and P257)shallnotexceedthefollowing

Volatile Organic Compounds (VOC)	0.0036 ton/year
Particulate Matter (PM)	2.28 x 10-6 ton/year

j. Emissions of any individual HAP from all emission units located at this facility included as part of the coil/extrusion coating operation shall not exceed 6.14 tons per year, as a rolling, 12-month summation.

k. Emissions of VOC from all all emission units located at this facility included as part of the coil/extrusion coating operation shall not exceed 19.54 tons per year, as a rolling, 12-month summation.

l. Emissions of Total HAP from all all emission units located at this facility included as part of the coil/extrusion coating operation shall not exceed 10.410 tons per year, as a rolling, 12-month summation.

c) Operational Restrictions

(1) Themaximumrollingtwelve (12)monthcoatings productionrateforthe StrontiumChromateSlurry System,(emissions units P256 and P257)shallbelimitedto404,920gallons.

d) Monitoring and/or Recordkeeping Requirements

(1) In order to maintain compliance with the applicable emission limitation(s) contained in this permit, the acceptable average combustion temperature within the thermal oxidizer, for any 3-hour block of time when the emissions unit(s) controlled by the thermal oxidizer is/are in operation, shall not be more than 50 degrees Fahrenheit below the average temperature measured during the most recent performance test that demonstrated the emissions unit(s) was/were in compliance.

(2) The permittee shall properly install, operate, and maintain a continuous temperature monitor and recorder that measures and records the combustion temperature within the thermal oxidizer when the emissions unit(s) is/are in operation, including periods of startup and shutdown. Units shall be in degrees Fahrenheit. The accuracy for each thermocouple, monitor, and recorder shall be guaranteed by the manufacturer to be within ± 1 percent of the temperature being measured or ± 5 degrees Fahrenheit, whichever is greater. The temperature monitor and recorder shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and the operating manuals, with any modifications deemed necessary by the permittee. The permittee shall collect and record the following information each day the emissions unit(s) is/are in operation:

a. all 3-hour blocks of time, when the emissions unit(s) controlled by the thermal oxidizer was/were in operation, during which the average combustion temperature within the thermal oxidizer was more than 50 degrees Fahrenheit below the average temperature measured during the most recent performance test that demonstrated the emissions unit(s) was/were in compliance; and

b. a log (date and total time) of the downtime or bypass of the capture (collection) system and thermal oxidizer, and/or downtime of the monitoring equipment, when the associated emissions unit(s) was/were in operation.

These records shall be maintained at the facility for a period of three years.

(3) Whenever the monitored average combustion temperature within the thermal oxidizer deviates from the range or limit established in accordance with this permit, the permittee shall promptly investigate the cause of the deviation. The permittee shall maintain records of the following information for each investigation:

a. the date and time the deviation began;

b. the magnitude of the deviation at that time;

c. the date the investigation was conducted;

d. the name(s) of the personnel who conducted the investigation; and

e. the findings and recommendations.

In response to each required investigation to determine the cause of a deviation, the permittee shall take prompt corrective action to bring the operation of the control equipment within the acceptable range/limit specified in this permit, unless the permittee determines that corrective action is not necessary and documents the reasons for that determination and the date and time the deviation ended. The permittee shall maintain records of the following information for each corrective action taken:

f. a description of the corrective action;

g. the date corrective action was completed;

h. the date and time the deviation ended;

i. the total period of time (in minutes) during which there was a deviation;

j. the temperature readings immediately after the corrective action was implemented; and

k. the name(s) of the personnel who performed the work.

Investigation and records required by this paragraph do not eliminate the need to comply with the requirements of OAC rule 3745-15-06 if it is determined that a malfunction has occurred.

(4) The temperature range/limit is effective for the duration of this permit, unless revisions are requested by the permittee and approved in writing by the appropriate Ohio EPA District Office or local air agency. The permittee may request revisions to the permitted temperature range/limit based upon information obtained during future performance tests that demonstrate compliance with the allowable emission rate(s) for the controlled pollutant(s). In addition, approved revisions to the temperature range/limit will not constitute a relaxation of the monitoring requirements of this permit and may be incorporated into this permit by means of aadministrative modification.

(5) Modeling to demonstrate compliance with, the “Toxic Air Contaminant Statute”, ORC 3704.03(F)(4)(b), was not necessary because the emissions unit’s maximum annual emissions for each toxic air contaminant, as defined in OAC rule 3745-114-01, will be less than 1.0 ton per year. OAC Chapter 3745-31 requires a permittee to apply for and obtain a new or modified FEPTIO prior to making a "modification" as defined by OAC rule 3745-31-01. The permittee is hereby advised that changes in the composition of the materials, or use of new materials, that would cause the emissions of any toxic air contaminant to increase to above 1.0 ton per year may require the permittee to apply for and obtain a new FEPTIO.

(6) Thisfacility shallmaintainmonthlyrecords whichlistthefollowinginformationforproductsproducedinthe for the coil/extrusion coating portion of this facility:

a. calculationsshowingthe rolling, 12-month individual HAP emissions for each HAP for all the materials employed; and

b. calculationsshowingthe rolling, 12-month total combined HAPs emissions for all the materials employed; and

c. calculationsshowingthe rolling, 12-month total VOC emissions for all the materials employed; and

d. calculationsshowingthe rolling, 12-month total PM emissions for all the materials employed; and

(7) This facility shall maintain daily records which list the following information for products produced in the Strontium Chromate Slurry System, emissions units P256 and P257.

a. thenumber ofgallons ofproductproducedintheStrontium Chromate Slurry System Area;

b. thetotalhours ofdailyoperationofeachemissions unit;

e) Reporting Requirements

(1) This facility shall submit quarterly reports to the Central District Office, which provide the total VOC and PM emissions for this emissions unit and which documents any exceedance(s) of the permitted production rate and/or emissions limits, , for the previous three (3) calendar months (October 1 through December 31, January 1 through March

31, April 1 through June 30, and July 1 through September 30, respectively). The reports shall be submitted by February 15, May 15, August 15, and November 15 of each year.

(2) The permittee shall submit quarterly summaries of the following records:

a. all 3-hour blocks of time (when the emissions unit(s) was/were in operation) during which the average combustion temperature within the thermal oxidizer was more than 50 degrees Fahrenheit below the average temperature maintained during the most recent performance test that demonstrated the emissions unit(s) was/were in compliance;

b. any records of downtime (date and length of time) for the capture (collection) system, the thermal oxidizer, and/or the monitoring equipment when the emissions unit(s) was/were in operation; and

c. a log of the operating time for the capture system, thermal oxidizer, monitoring equipment, and the emissions unit(s).

d. all exceedances of the rolling, rolling 12-month limitation of the production rate;

These quarterly reports shall be submitted by April 30, July 31, October 31, and January 31, and shall cover the records for the previous calendar quarters.

(3) Unless other arrangements have been approved by the Director, all notifications and reports shall be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal.

(4) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA. The PER must be completed electronically and submitted via the Ohio EPA e-Business Center: Air Services by the due date identified in the Authorization section of this permit. The permit evaluation report shall cover a reporting period of no more than twelve months for each air contaminant source identified in this permit.

(5) The permittee shall identify in the annual permit evaluation report the following information concerning the operations of the thermal oxidizer during the 12-month reporting period for this/these emissions unit(s):

a. each period of time (start time and date, and end time and date) when the average combustion temperature within the thermal oxidizer was outside of the acceptable range;

b. any period of time (start time and date, and end time and date) when the emissions unit(s) was/were in operation and the process emissions were not vented to the thermal oxidizer;

c. each incident of deviation described in “a” or “b” (above) where a prompt investigation was not conducted;

d. each incident of deviation described in “a” or “b” where prompt corrective action, that would bring the emissions unit(s) into compliance and/or the temperature

within the thermal oxidizer into compliance with the acceptable range, was determined to be necessary and was not taken; and

e. each incident of deviation described in “a” or “b” where proper records were not maintained for the investigation and/or the corrective action(s), as identified in the monitoring and record keeping requirements of this permit.

(6) The permittee shall submit quarterly deviation (excursion) reports that identify the following information:

a. all exceedances of the rolling, 12-month individual HAP emission limitation for each HAP for all the materials employed; and

b. allexceedances of the rolling, 12-month total combined HAPs emission limitation for all the materials employed.

c. allexceedances of the rolling, 12-month total VOC emission limitation for all the materials employed.

f) Testing Requirements

(1) Compliance with the Emissions Limitations and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:

a. Emission Limitations: The permittee shall control VOC emissions from this emissions unit through the use of a Regenerative Thermal Oxidizer with a minimum control efficiency of 97.55%

Applicable Compliance Method: The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:

i. The emission testing shall be conducted within 6 months after issuance of this permit and within 6 months prior to permit renewal.

ii. The emission testing shall be conducted to demonstrate compliance with the minimum VOC control efficiency of 97.55%

iii. The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s) for:

VOC, Methods 1-4 and 25 and/or 18 of 40 CFR Part 60, Appendix A

Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.

The control efficiency (i.e., the percent reduction in mass emissions between the inlet and outlet of the control system) shall be determined in accordance with the test methods and procedures specified in 3745-21-10 or an alternative test protocol approved by the Ohio EPA. The test

methods and procedures selected shall be based on a consideration of the diversity of the organic species present and their total concentration, and on a consideration of the potential presence of interfering gases.

iv. The test(s) shall be conducted while the facility is operating at or near its maximum capacity unless otherwise specified or approved by the Ohio EPA, CDO.

Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA, Central District Office. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA, Central District Office's refusal to accept the results of the emission test(s).

Personnel from the Ohio EPA, Central District Office shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the Ohio EPA, Central District Office within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the Ohio EPA, Central District Office.

b. Emissions Limitation:VOC emissions forthestrontiumchromatesystem(P256 and P257)shallnotexceed 0.0036 ton per year.

Applicable Compliance Method: Compliance with the annual emissions limitation shall be determined by the actual 12 month summation of VOC emissions produced, in tons per year, (as derived from the records required by term and condition d)(6) above).

c. Emission Limitation: Emissions of any individual HAP from all emission units located at this facility included as part of the coil/extrusion coating operation shall not exceed 6.14 tons per year, as a rolling, 12-month summation.

Applicable Compliance Method: Compliance with the rolling 12 month emissions limitation shall be determined by the actual rolling 12 month summation of individual HAP emissions produced, in tons per rolling 12 month period, (as derived from the records required by term and condition d)(6) above).

d. Emission Limitation: Emissions of VOC from all emission units located at this facility included as part of the coil/extrusion coating operation shall not exceed 19.54 tons per year, as a rolling, 12-month summation.

Applicable Compliance: Compliance with the rolling 12 month emissions limitation shall be determined by the actual rolling 12 month summation of VOC emissions produced, in tons per rolling 12 month period, (as derived from the records required by term and condition d)(6) above).

e. Emission Limitation: Emissions of Total HAP from all emission units located at this facility included as part of the coil/extrusion coating operation shall not exceed 10.41 tons per year, as a rolling, 12-month summation

Applicable Compliance Method: Method: Compliance with the rolling 12 month emissions limitation shall be determined by the actual rolling 12 month summation of total HAP emissions produced, in tons per rolling 12 month period, (as derived from the records required by term and condition d)(6) above).

f. Emission Limitation: Visible particulate emissions from the stack shall not exceed 20% opacity as a 6-minute average.

Applicable Compliance Method: Compliance shall be determined using Method 9 as set forth in 40 CFR Part 60 Appendix A, as such appendix existed on July 1, 1996 and the modifications listed in paragraphs (B)(3)(a) and (B)(3)(b) of OAC rule 3745-17-03.

g. Emission Limitation: Theparticulate emissions forthestrontiumchromatesystem(P256 and P257)shallnotexceed 2.28 E-6 ton per year.

Applicable Compliance Method: Compliance with the annual emissions limitation shall be determined by the actual 12 month summation of particulate emissions produced, in tons per year, (as derived from the records required by term and condition d)(6) above).

g) Miscellaneous Requirements

(1) None.