Ohio Environmental Protection Agency
John R. Kasich, Governor
Mary Taylor, Lt. Governor
Scott J. Nally, Director

7/11/2011

Certified Mail

Facility ID: 1318000101
Permit Number: P0094207
County: Cuyahoga

Melinda Skinner
PPG Industries, Inc. - Cleveland
3800 West 143rd Street
Cleveland, OH 44111

RE: DRAFT AIR POLLUTION TITLE V PERMIT
Permit Type: Renewal

Dear Permit Holder:

A draft of the OAC Chapter 3745-77 Title V permit for the referenced facility has been issued. The purpose of this draft is to solicit public comments. A public notice will appear in the Ohio EPA Weekly Review and the local newspaper, The Plain Dealer. A copy of the public notice, the Statement of Basis, and the draft permit are enclosed. This permit can be accessed electronically on the Division of Air Pollution Control (DAPC) Web page,www.epa.ohio.gov/dapc by clicking the "Issued Air Pollution Control Permits" link. Comments will be accepted as a marked-up copy of the draft permit or in narrative format. Any comments must be sent to the following:

Andrew Hall
Permit Review/Development Section
Ohio EPA, DAPC
50 West Town Street, Suite 700
P.O. Box 1049
Columbus, Ohio 43216-1049

and

Cleveland Division of Air Quality
2nd Floor
75 Erieview Plaza
Cleveland, OH 44114

Comments and/or a request for a public hearing will be accepted within 30 days of the date the notice is published in the newspaper. You will be notified in writing if a public hearing is scheduled. A decision on processing the Title V permit will be made after consideration of comments received and oral testimony if a public hearing is conducted. You will then be provided with a Preliminary Proposed Title V permit and another opportunity to comment prior to the 45-day Proposed Title V permit submittal to U.S. EPA Region 5. The permit will be issued final after U.S. EPA review is completed and no objections to the final issuance have been received. If you have any questions, please contact Cleveland Division of Air Quality at (216)664-2297.

Sincerely,

Michael W. Ahern

Michael W. Ahern, Manager

Permit Issuance and Data Management Section, DAPC

Cc: U.S. EPA Region 5 -*Via E-Mail Notification*
CDAQ; Pennsylvania

Cuyahoga County

PUBLIC NOTICE
Issuance of Draft Air Pollution Title V Permit
PPG Industries, Inc. - Cleveland

Issue Date: 7/11/2011
Permit Number: P0094207
Permit Type: Renewal
Permit Description: Title V Renewal permit for PPG Industries, Inc. - Cleveland. PPG is a unique facility which groups pieces of equipment under three different "Emissions Units" as allowed per facility-specific OAC rule 3745-21-09(MM). K201 is Paint Laboratory Operations, P201 is Paint Manufacturing Operations, and P202 is Dedicated Waterbased Paint Production Equipment. K201 and P201 are both routed to a shared regenerative thermal oxidizer (RTO), and share a combined VOC emissions limit. This permit was made possible by the terms and conditions established in OAC rule 3745-21-09(MM). The previous TV PTO was issued final 2/12/2004 and PTI 13-03881 was modified and issued final 1/29/2009.
Facility ID: 1318000101
Facility Location: PPG Industries, Inc. - Cleveland
3800 West 143rd Street,
Cleveland, OH 44111
Facility Description: Paint and Coating Manufacturing

The Director of the Ohio Environmental Protection Agency, 50 West Town Street, Columbus Ohio, has issued a draft action of an air pollution control Title V operating permit for the facility at the location identified above on the date indicated. Comments concerning this draft action, or a request for a public meeting, must be sent in writing no later than thirty (30) days from the date this notice is published. All comments, questions, requests for permit applications or other pertinent documentation, and correspondence concerning this action must be directed to David Hearne at Cleveland Division of Air Quality, 2nd Floor 75 Erieview Plaza, Cleveland, OH 44114 or (216)664-2297. The permit, which includes a detailed description of the operations, and associated statement of basis for the permit requirements, can be downloaded from the Web page: www.epa.ohio.gov/dapc

Statement of Basis For Air Pollution Title V Permit

Facility ID:	1318000101
Facility Name:	PPG Industries, Inc. - Cleveland
Facility Description:	Automotive coatings manufacturer.
Facility Address:	3800 West 143rd Street, Cleveland, OH 44111
Permit #:	P0094207, Renewal

This facility is subject to Title V because it is major for:

☐ Lead ☐ Sulfur Dioxide ☐ Carbon Monoxide ☒ Volatile Organic Compounds ☐ Nitrogen Oxides
☐ Particulate Matter ≤ 10 microns ☐ Single Hazardous Air Pollutant ☒ Combined Hazardous Air Pollutants
☐ Maximum Available Control Technology Standard(s)

A. Standard Terms and Conditions

Has each insignificant emissions unit been reviewed to confirm it meets the definition in OAC rule 3745-77-01 (U)?	Yes
Were there any common control issues associated with this facility? If yes, provide a summary of those issues and explain how the DAPC decided to resolve them.	No
Please identify the affected unit(s) and associated PTI, if applicable, along with a brief description of any changes to the permit document that qualify as a minor permit modification per OAC rule 3745-77-08(C)(1)	N/A
Please identify the affected unit(s) and associated PTI, if applicable, along with a brief description of any changes to the permit document that qualify as a significant permit modification per OAC rule 3745-77-08(C)(3)	N/A
Please identify the affected unit(s)and associated PTI, if applicable, along with a brief description of any changes to the permit document that qualify as a reopening per OAC rule 3745-77-08(D)	N/A

Please identify the affected unit(s) and associated PTI, if applicable, along with a brief description of any changes to the permit document resulting from a renewal per OAC rule 3745-77-08(E)	N/A

B. Facility-Wide Terms and Conditions

Term and Condition (paragraph)	Basis		Comments
	SIP (3745-)	Other	
1		Y	Identifying facility terms that are enforceable under state law only.
2	31		Facility-wide emissions limitations for VOC, PE, SO2, Nox and CO and usage limitations for natural gas and distillate oil.
2		Y	40 CFR 63 Subpart HHHHH applicability.
3	77		State/Federal insignificant emissions units.

C. Emissions Unit Terms and Conditions

Key:
EU = emissions unit ID
ND = negative declaration (i.e., term that indicates that a particular rule(s) is (are) not applicable to a specific emissions unit)
OR = operational restriction
M = monitoring requirements
St = streamlining term used to replace a PTI monitoring, record keeping, or reporting requirement with an equivalent or more stringent requirement
ENF = did noncompliance issues drive the monitoring requirements?
R = record keeping requirements
Rp = reporting requirements
ET = emission testing requirements (not including compliance method terms)
Misc = miscellaneous requirements

EU(s)	Limitation	Basis		ND	OR	M	St	ENF	R	St	Rp	St	ET	Misc	Comments
		SIP (3745-)	Other												
K201	145 tons of VOC per rolling 12-months for	31-05(A)(3) (PTI#13-03881)		N	Y	Y	N	N	Y	N	Y	N	Y	N	OR–Combustion temperature in RTO M–Continuous temperature monitoring R–Rolling 12-month VOC emissions Rp–Temperature deviations, VOC exceedance

	K201 and P201 combined														ET – Six months after permit issuance
K201	0.3 lb/hr of PE	31-05(A)(3) (PTI#13-03881)		N	Y	Y	N	N	Y	N	Y	N	Y	N	OR–Water curtain M–Weekly VE checks R-Water curtain not in service Rp–Water curtain not in service, PE observed ET-six months after permit issuance
K201	1.2 tons of PE per rolling 12-months	31-05(A)(3) (PTI#13-03881)		N	Y	Y	N	N	Y	N	Y	N	Y	N	OR–Water curtain M–Weekly VE checks R-Water curtain not in service Rp–Water curtain not in service, PE observed ET-six months after permit issuance
K201	5% opacity from stack	31-05(A)(3) (PTI#13-03881)		N	Y	Y	N	N	Y	N	Y	N	Y	N	OR–Water curtain M–Weekly VE checks R-Water curtain not in service Rp–Water curtain not in service, PE observed ET-six months after permit issuance
K201	No visible fugitive PE	31-05(A)(3) (PTI#13-03881)		N	Y	Y	N	N	Y	N	Y	N	Y	N	OR–Water curtain M–Weekly VE checks R-Water curtain not in service Rp–Water curtain not in service, PE observed ET-six months after permit issuance
K201	Natural gas combustion: 0.07 lb VOC/hr	31-05(A)(3) (PTI#13-03881)		N	Y	Y	N	N	Y	N	Y	N	Y	N	OR–Combustion temperature in RTO M–Continuous temperature monitoring R–Rolling 12-month VOC emissions Rp–Temperature deviations, VOC exceedance ET – Six months after permit issuance
K201	Natural gas combustion: 0.02 lb PE/hr	31-05(A)(3) (PTI#13-03881)		N	Y	Y	N	N	Y	N	Y	N	Y	N	OR–Water curtain M–Weekly VE checks R-Water curtain not in service Rp–Water curtain not in service, PE observed ET-six months after permit issuance
K201	Natural gas combustion: 0.01 lb SO2/hr	31-05(A)(3) (PTI#13-03881)		N	Y	N	N	N	Y	N	Y	N	N	N	OR-Burn only natural gas R-Type and quantity of fuel burned Rp-Identify day when other fuel burned
K201	Natural gas combustion: 1.20 lbsNOx/hr	31-05(A)(3) (PTI#13-03881		N	Y	N	N	N	Y	N	Y	N	N	N	OR-Burn only natural gas R-Type and quantity of fuel burned Rp-Identify day when other fuel burned
K201	Natural gas combustion: 1.01	31-05(A)(3) (PTI#13-03881		N	Y	N	N	N	Y	N	Y	N	N	N	OR-Burn only natural gas R-Type and quantity of fuel burned Rp-Identify day when other fuel burned

	lbsCO/hr														
K201	Control efficiency: 90% VOC	21-09(MM)(3)		N	Y	Y	N	N	Y	N	Y	N	Y	N	OR–Combustion temperature in RTO M–Continuous temperature monitoring R–Rolling 12-month VOC emissions Rp–Temperature deviations, VOC exceedance ET – Six months after permit issuance
K201	VOC concentratio n: 20 ppm	21-09(MM)(3)		N	Y	Y	N	N	Y	N	Y	N	Y	N	OR–Combustion temperature in RTO M–Continuous temperature monitoring R–Rolling 12-month VOC emissions Rp–Temperature deviations, VOC exceedance ET – Six months after permit issuance
P201	145 tons VOC per rolling 12-months for K201 and P201 combined	31-05(A)(3) (PTI#13-03881)		N	Y	Y	N	N	Y	N	Y	N	Y	N	OR–Combustion temperature in RTO M–Continuous temperature monitoring R–Rolling 12-month VOC emissions Rp–Temperature deviations, VOC exceedance ET – Six months after permit issuance
P201	1.4 lb/hr of PE	31-05(A)(3) (PTI#13-03881)		N	Y	Y	N	N	Y	N	Y	N	Y	N	OR-PE control device M–Weekly VE checks R-PE control device not in service Rp–Control device not in service, PE observed ET – Six months after permit issuance
P201	6.0 tons of PE per rolling 12-months	31-05(A)(3) (PTI#13-03881)		N	Y	Y	N	N	Y	N	Y	N	Y	N	OR-PE control device M–Weekly VE checks R-PE control device not in service Rp–Control device not in service, PE observed ET – Six months after permit issuance
P201	5% opacity visible PE from stack	31-05(A)(3) (PTI#13-03881)		N	Y	Y	N	N	Y	N	Y	N	Y	N	OR-PE control device M–Weekly VE checks R-PE control device not in service Rp–Control device not in service, PE observed ET – Six months after permit issuance
P201	5% opacity visible fugitive PE	31-05(A)(3) (PTI#13-03881)		N	Y	Y	N	N	Y	N	Y	N	Y	N	OR-PE control device M–Weekly VE checks R-PE control device not in service Rp–Control device not in service, PE observed ET – Six months after permit issuance
P201	Natural gas combustion: 0.07 lb VOC/hr	31-05(A)(3) (PTI#13-03881)		N	Y	Y	N	N	Y	N	Y	N	Y	N	OR–Combustion temperature in RTO M–Continuous temperature monitoring R–Rolling 12-month VOC emissions Rp–Temperature deviations, VOC exceedance

															ET – Six months after permit issuance
P201	Natural gas combustion: 0.02 lb PE/hr	31-05(A)(3) (PTI#13-03881)		N	Y	Y	N	N	Y	N	Y	N	Y	N	OR-PE control device M–Weekly VE checks R-PE control device not in service Rp–Control device not in service, PE observed ET – Six months after permit issuance
P201	Natural gas combustion: 0.01 lb SO2/hr	31-05(A)(3) (PTI#13-03881)		N	Y	N	N	N	Y	N	Y	N	N	N	OR-Burn only natural gas R-Type and quantity of fuel burned Rp-Identify day when other fuel burned
P201	Natural gas combustion: 1.20 lbNOx/hr	31-05(A)(3) (PTI#13-03881)		N	Y	N	N	N	Y	N	Y	N	N	N	OR-Burn only natural gas R-Type and quantity of fuel burned Rp-Identify day when other fuel burned
P201	Natural gas combustion: 1.01 lb CO/hr	31-05(A)(3) (PTI#13-03881)		N	Y	N	N	N	Y	N	Y	N	N	N	OR-Burn only natural gas R-Type and quantity of fuel burned Rp-Identify day when other fuel burned
P201	Control efficiency: 98% VOC	21-09(MM)(2)		N	Y	Y	N	N	Y	N	Y	N	Y	N	OR–Combustion temperature in RTO M–Continuous temperature monitoring R–Rolling 12-month VOC emissions Rp–Temperature deviations, VOC exceedance ET – Six months after permit issuance
P201	VOC concentratio n: 20 ppm	21-09(MM)(2)		N	Y	Y	N	N	Y	N	Y	N	Y	N	OR–Combustion temperature in RTO M–Continuous temperature monitoring R–Rolling 12-month VOC emissions Rp–Temperature deviations, VOC exceedance ET – Six months after permit issuance
P201	Temp: 1500°F	21-09(MM)(2)		N	Y	Y	N	N	Y	N	Y	N	Y	N	OR-Temp not more than 50°F below M-Continuous temp monitors Rp-Quarterly temperature deviation reports

P202	5 tons of VOC per rolling 12-months	31-05(A)(3) (PTI#13-03881)		N	N	N	N	N	Y	N	Y	N	N	N	R-Monthly and rolling 12-month VOC emissions Rp-Monthly VOC exceedance ET-USEPA's TANKS Program
P202	Water-based paint: 12% VOC	21-09(MM)(4)		N	N	Y	N	N	Y	N	Y	N	Y	N	R-VOC contents of water-based paint materials Rp-Identify each day VOC exceeds 12% ET-Compliance determined by record keeping

Ohio | Environmental Protection Agency

DRAFT

Division of Air Pollution Control
Title V Permit
for
PPG Industries, Inc. - Cleveland

Facility ID:	1318000101
Permit Number:	P0094207
Permit Type:	Renewal
Issued:	7/11/2011
Effective:	To be entered upon final issuance
Expiration:	To be entered upon final issuance

Ohio Environmental Protection Agency

Division of Air Pollution Control
Title V Permit
for
PPG Industries, Inc. - Cleveland

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Authorization

Facility ID: 1318000101
Facility Description: Automotive coatings manufacturer.
Application Number(s): A0025686, A0025687
Permit Number: P0094207
Permit Description: Title V Renewal permit for PPG Industries, Inc. - Cleveland. PPG is a unique facility which groups pieces of equipment under three different "Emissions Units" as allowed per facility-specific OAC rule 3745-21-09(MM). K201 is Paint Laboratory Operations, P201 is Paint Manufacturing Operations, and P202 is Dedicated Waterbased Paint Production Equipment. K201 and P201 are both routed to a shared regenerative thermal oxidizer (RTO), and share a combined VOC emissions limit. This permit was made possible by the terms and conditions established in OAC rule 3745-21-09(MM). The previous TV PTO was issued final 2/12/2004 and PTI 13-03881 was modified and issued final 1/29/2009.
Permit Type: Renewal
Issue Date: 7/11/2011
Effective Date: To be entered upon final issuance
Expiration Date: To be entered upon final issuance
Superseded Permit Number: P0094206

This document constitutes issuance of an OAC Chapter 3745-77 Title V permit to:
PPG Industries, Inc. - Cleveland
3800 West 143rd Street
Cleveland, OH 44111

Ohio EPA District Office or local air agency responsible for processing and administering your permit:
Cleveland Division of Air Quality
2nd Floor
75 Erieview Plaza
Cleveland, OH 44114
(216)664-2297

The above named entity is hereby granted a Title V permit pursuant to Chapter 3745-77 of the Ohio Administrative Code. This permit and the authorization to operate the air contaminant sources (emissions units) at this facility shall expire at midnight on the expiration date shown above. You will be sent a notice approximately 18 months prior to the expiration date regarding the renewal of this permit. If you do not receive a notice, please contact the Cleveland Division of Air Quality. If a renewal permit is not issued prior to the expiration date, the permittee may continue to operate pursuant to OAC rule 3745-77-08(E) and in accordance with the terms of this permit beyond the expiration date, if a timely renewal application is submitted. A renewal application will be considered timely if it is submitted no earlier than 18 months (540 days) and no later than 6 months (180 days) prior to the expiration date.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Scott J. Nally
Director

A. Standard Terms and Conditions

1. Federally Enforceable Standard Terms and Conditions

a) All Standard Terms and Conditions are federally enforceable, with the exception of those listed below which are enforceable under State law only:

(1) Standard Term and Condition A. 24., Reporting Requirements Related to Monitoring and Record Keeping Requirements of State-Only Enforceable Permit Terms and Conditions

(2) Standard Term and Condition A. 25., Records Retention Requirements for State-Only Enforceable Permit Terms and Conditions

(3) Standard Term and Condition A. 27., Scheduled Maintenance/Malfunction Reporting

(4) Standard Term and Condition A. 29., Additional Reporting Requirements When There Are No Deviations of Federally Enforceable Emission Limitations, Operational Restrictions, or Control Device Operating Parameter Limitations

(Authority for term: ORC 3704.036(A))

2. Monitoring and Related Record Keeping and Reporting Requirements

a) Except as may otherwise be provided in the terms and conditions for a specific emissions unit (i.e., in section C. Emissions Unit Terms and Conditions of this Title V permit), the permittee shall maintain records that include the following, where applicable, for any required monitoring under this permit:

(1) The date, place (as defined in the permit), and time of sampling or measurements.

(2) The date(s) analyses were performed.

(3) The company or entity that performed the analyses.

(4) The analytical techniques or methods used.

(5) The results of such analyses.

(6) The operating conditions existing at the time of sampling or measurement.

(Authority for term: OAC rule 3745-77-07(A)(3)(b)(i))

b) Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. Such records may be maintained in computerized form.

(Authority for term: OAC rule 3745-77-07(A)(3)(b)(ii))

c) The permittee shall submit required reports in the following manner:

(1) All reporting required in accordance with OAC rule 3745-77-07(A)(3)(c) for deviations caused by malfunctions shall be submitted in the following manner:

Any malfunction, as defined in OAC rule 3745-15-06(B)(1), shall be promptly reported to the Ohio EPA in accordance with OAC rule 3745-15-06. In addition, to fulfill the OAC rule 3745-77-07(A)(3)(c) deviation reporting requirements for malfunctions, written reports that identify each malfunction that occurred during each calendar quarter (including each malfunction reported only verbally in accordance with OAC rule 3745-15-06) shall be submitted (i.e., postmarked) by January 31, April 30, July 31, and October 31 of each year in accordance with Standard Term and Condition A.2.c)(2) below; and each report shall cover the previous calendar quarter. An exceedance of the visible emission limitations specified in OAC rule 3745-17-07(A)(1) that is caused by a malfunction is not a violation and does not need to be reported as a deviation if the owner or operator of the affected air contaminant source or air pollution control equipment complies with the requirements of OAC rule 3745-17-07(A)(3)(c).

In accordance with OAC rule 3745-15-06, a malfunction reportable under OAC rule 3745-15-06(B) is a deviation of the federally enforceable permit requirements. Even though verbal notifications and written reports are required for malfunctions pursuant to OAC rule 3745-15-06, the written reports required pursuant to this term must be submitted quarterly to satisfy the prompt reporting provision of OAC rule 3745-77-07(A)(3)(c).

In identifying each deviation caused by a malfunction, the permittee shall specify the emission limitation(s) (or control requirement(s)) for which the deviation occurred, describe each deviation, and provide the magnitude and duration of each deviation. For a specific malfunction, if this information has been provided in a written report that was submitted in accordance with OAC rule 3745-15-06, the permittee may simply reference that written report to identify the deviation. Nevertheless, all malfunctions, including those reported only verbally in accordance with OAC rule 3745-15-06, must be reported in writing on a quarterly basis.

Any scheduled maintenance, as referenced in OAC rule 3745-15-06(A)(1), that results in a deviation from a federally enforceable emission limitation (or control requirement) shall be reported in the same manner as described above for malfunctions.

(Authority for term: OAC rule 3745-77-07(A)(3)(c))

(2) Except as may otherwise be provided in the terms and conditions for a specific emissions unit (i.e., in section C. Emissions Unit Terms and Conditions of this Title V permit or, in some cases, in section B. Facility-Wide Terms and Conditions of this Title V permit), all reporting required in accordance with OAC rule 3745-77-07(A)(3)(c) for deviations of the emission limitations, operational restrictions, and control device operating parameter limitations shall be submitted in the following manner:

Written reports of (a) any deviations from federally enforceable emission limitations, operational restrictions, and control device operating parameter limitations, (b) the probable cause of such deviations, and (c) any corrective actions or preventive measures taken, shall be promptly made to the appropriate Ohio EPA District Office or local air agency. Except as provided below, the written reports shall be submitted (i.e.,

postmarked) by January 31, April 30, July 31, and October 31 of each year; and each report shall cover the previous calendar quarter.

In identifying each deviation, the permittee shall specify the emission limitation(s), operational restriction(s), and/or control device operating parameter limitation(s) for which the deviation occurred, describe each deviation, and provide the estimated magnitude and duration of each deviation.

These written deviation reports shall satisfy the requirements of OAC rule 3745-77-07(A)(3)(c) pertaining to the submission of monitoring reports every six months and to the prompt reporting of all deviations. Full compliance with OAC rule 3745-77-07(A)(3)(c) requires reporting of all other deviations of the federally enforceable requirements specified in the permit as required by such rule.

If an emissions unit has a deviation reporting requirement for a specific emission limitation, operational restriction, or control device operating parameter limitation that is not on a quarterly basis (e.g., within 30 days following the end of the calendar month, or within 30 or 45 days after the exceedance occurs), that deviation reporting requirement satisfies the reporting requirements specified in this Standard Term and Condition for that specific emission limitation, operational restriction, or control device parameter limitation. Following the provisions of that non-quarterly deviation reporting requirement will also satisfy (for the deviations so reported) the requirements of OAC rule 3745-77-07(A)(3)(c) pertaining to the submission of monitoring reports every six months and to the prompt reporting of all deviations, and additional quarterly deviation reports for that specific emission limitation, operational restriction, or control device parameter limitation are not required pursuant to this Standard Term and Condition.

See A.29 below if no deviations occurred during the quarter.

(Authority for term: OAC rule 3745-77-07(A)(3)(c))

(3) All reporting required in accordance with the OAC rule 3745-77-07(A)(3)(c) for other deviations of the federally enforceable permit requirements which are not reported in accordance with Standard Term and Condition A.2)c)(2) above shall be submitted in the following manner:

Unless otherwise specified by rule, written reports that identify deviations of the following federally enforceable requirements contained in this permit; Standard Terms and Conditions: A.3, A.4, A.5, A.7.e), A.8, A.13, A.15, A.19, A.20, A.21, and A.23 of this Title V permit, as well as any deviations from the requirements in section C. Emissions Unit Terms and Conditions of this Title V permit, and any monitoring, record keeping, and reporting requirements, which are not reported in accordance with Standard Term and Condition A.2.c)(2) above shall be submitted (i.e., postmarked) to the appropriate Ohio EPA District Office or local air agency by January 31 and July 31 of each year; and each report shall cover the previous six calendar months. Unless otherwise specified by rule, all other deviations from federally enforceable requirements identified in this permit shall be submitted annually as part of the annual compliance certification, including deviations of federally enforceable requirements not specifically addressed by permit or rule for the insignificant activities or emissions levels (IEU) identified in section B. Facility-Wide Terms and Conditions of this Title V permit. Annual reporting of deviations is deemed

adequate to meet the deviation reporting requirements for IEUs unless otherwise specified by permit or rule.

In identifying each deviation, the permittee shall specify the federally enforceable requirement for which the deviation occurred, describe each deviation, and provide the magnitude and duration of each deviation.

These semi-annual and annual written reports shall satisfy the reporting requirements of OAC rule 3745-77-07(A)(3)(c) for any deviations from the federally enforceable requirements contained in this permit that are not reported in accordance with Standard Term and Condition A.2.c)(2) above.

If no such deviations occurred during a six-month period, the permittee shall submit a semi-annual report which states that no such deviations occurred during that period.

(Authority for term: OAC rules 3745-77-07(A)(3)(c)(i) and (ii) and OAC rule 3745-77-07(A)(13)(b))

(4) Each written report shall be signed by a responsible official certifying that, "based on information and belief formed after reasonable inquiry, the statements and information in the report (including any written malfunction reports required by OAC rule 3745-15-06 that are referenced in the deviation reports) are true, accurate, and complete."

(Authority for term: OAC rule 3745-77-07(A)(3)(c)(iv))

(5) Reports of any required monitoring and/or record keeping information shall be submitted to Cleveland Division of Air Quality.

(Authority for term: OAC rule 3745-77-07(A)(3)(c))

3. Scheduled Maintenance

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. Except as provided in OAC rule 3745-15-06(A)(3), any scheduled maintenance necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of the emissions unit(s) that is (are) served by such control system(s). Any scheduled maintenance, as defined in OAC rule 3745-15-06(A)(1), that results in a deviation from a federally enforceable emission limitation (or control requirement) shall be reported in the same manner as described for malfunctions in Standard Term and Condition A.2.c)(1) above.

(Authority for term: OAC rule 3745-77-07(A)(3)(c))

4. Risk Management Plans

If applicable, the permittee shall develop and register a risk management plan pursuant to section 112(r) of the Clean Air Act, as amended, 42 U.S.C. § 7401 et seq. ("Act"); and, pursuant to 40 C.F.R. 68.215(a), the permittee shall submit either of the following:

a) a compliance plan for meeting the requirements of 40 C.F.R. Part 68 by the date specified in 40 C.F.R. 68.10(a) and OAC 3745-104-05(A); or

b) as part of the compliance certification submitted under 40 C.F.R. 70.6(c)(5), a certification statement that the source is in compliance with all requirements of 40 C.F.R. Part 68 and OAC Chapter 3745-104, including the registration and submission of the risk management plan.

(Authority for term: OAC rule 3745-77-07(A)(4))

5. Title IV Provisions

If the permittee is subject to the requirements of 40 CFR Part 72 concerning acid rain, the permittee shall ensure that any affected emissions unit complies with those requirements. Emissions exceeding any allowances that are lawfully held under Title IV of the Act, or any regulations adopted thereunder, are prohibited.

(Authority for term: OAC rule 3745-77-07(A)(5))

6. Severability Clause

A determination that any term or condition of this permit is invalid shall not invalidate the force or effect of any other term or condition thereof, except to the extent that any other term or condition depends in whole or in part for its operation or implementation upon the term or condition declared invalid.

(Authority for term: OAC rule 3745-77-07(A)(6))

7. General Requirements

a) The permittee must comply with all terms and conditions of this permit. Any noncompliance with the federally enforceable terms and conditions of this permit constitutes a violation of the Act, and is grounds for enforcement action or for permit revocation, revocation and reissuance, or modification, or for denial of a permit renewal application.

b) It shall not be a defense for the permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the federally enforceable terms and conditions of this permit.

c) This permit may be modified, reopened, revoked, or revoked and reissued, for cause, in accordance with Standard Term and Condition A.11 below. The filing of a request by the permittee for a permit modification, revocation and reissuance, or revocation, or of a notification of planned changes or anticipated noncompliance does not stay any term and condition of this permit.

d) This permit does not convey any property rights of any sort, or any exclusive privilege.

e) The permittee shall furnish to the Director of the Ohio EPA, or an authorized representative of the Director, upon receipt of a written request and within a reasonable time, any information that may be requested to determine whether cause exists for modifying, reopening or revoking this permit or to determine compliance with this permit. Upon request, the permittee shall also furnish to the Director or an authorized representative of the Director, copies of records required to be kept by this permit. For information claimed to be confidential in the submittal to the Director, if the Administrator of the U.S. EPA requests such information, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality.

(1) Except as otherwise indicated below, this Title V permit, or permit modification, is effective for five years from the original effective date specified in the permit. In the event that this facility becomes eligible for non-title V permits, this permit shall cease to be enforceable when:the permittee submits an approved facility-wide potential to emit analysis supporting a claim that the facility no longer meets the definition of a "major source" as defined in OAC rule 3745-77-01(W) based on the permanent shutdown and removal of one or more emissions units identified in this permit; orthepermittee no longer meets the definition of a "major source" as defined in OAC rule 3745-77-01(W) based on obtaining restrictions on the facility-wide potential(s) to emit that are federally enforceable or legally and practically enforceable ; ora combination of (1) and (2) above.

The permittee shall continue to comply with all applicable OAC Chapter 3745-31 requirements for all regulated air contaminent sources once this permit ceases to be enforceable. The permittee shall comply with any residual requirements, such as quarterly deviation reports, semi-annual deviation reports, and annual compliance certifications covering the period during which this Title V permit was enforceable. All records relating to this permit must be maintained in accordance with law.

(Authority for term: OAC rule 3745-77-01(W), OAC rule 3745-77-07(A)(3)(b)(ii), OAC rule 3745-77(A)(7))

8. Fees

The permittee shall pay fees to the Director of the Ohio EPA in accordance with ORC section 3745.11 and OAC Chapter 3745-78.

(Authority for term: OAC rule 3745-77-07(A)(8))

9. Marketable Permit Programs

No revision of this permit is required under any approved economic incentive, marketable permits, emissions trading, and other similar programs or processes for changes that are provided for in this permit.

(Authority for term: OAC rule 3745-77-07(A)(9))

10. Reasonably Anticipated Operating Scenarios

The permittee is hereby authorized to make changes among operating scenarios authorized in this permit without notice to the Ohio EPA, but, contemporaneous with making a change from one operating scenario to another, the permittee must record in a log at the permitted facility the scenario under which the permittee is operating. The permit shield provided in these standard terms and conditions shall apply to all operating scenarios authorized in this permit.

(Authority for term: OAC rule 3745-77-07(A)(10))

11. Reopening for Cause

This Title V permit will be reopened prior to its expiration date under the following conditions:

a) Additional applicable requirements under the Act become applicable to one or more emissions units covered by this permit, and this permit has a remaining term of three or more years. Such a reopening shall be completed not later than eighteen (18) months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions has been extended pursuant to paragraph (E)(1) of OAC rule 3745-77-08.

b) This permit is issued to an affected source under the acid rain program and additional requirements (including excess emissions requirements) become applicable. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into the permit, and shall not require a reopening of this permit.

c) The Director of the Ohio EPA or the Administrator of the U.S. EPA determines that the federally applicable requirements in this permit are based on a material mistake, or that inaccurate statements were made in establishing the emissions standards or other terms and conditions of this permit related to such federally applicable requirements.

d) The Administrator of the U.S. EPA or the Director of the Ohio EPA determines that this permit must be revised or revoked to assure compliance with the applicable requirements.

(Authority for term: OAC rules 3745-77-07(A)(12) and 3745-77-08(D))

12. Federal and State Enforceability

Only those terms and conditions designated in this permit as federally enforceable, that are required under the Act, or any of its applicable requirements, including relevant provisions designed to limit the potential to emit of a source, are enforceable by the Administrator of the U.S. EPA, the State, and citizens under the Act. All other terms and conditions of this permit shall not be federally enforceable and shall be enforceable under State law only.

(Authority for term: OAC rule 3745-77-07(B))

13. Compliance Requirements

a) Any document (including reports) required to be submitted and required by a federally applicable requirement in this Title V permit shall include a certification by a responsible official that, based on information and belief formed after reasonable inquiry, the statements in the document are true, accurate, and complete.

b) Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the Director of the Ohio EPA or an authorized representative of the Director to:

(1) At reasonable times, enter upon the permittee's premises where a source is located or the emissions-related activity is conducted, or where records must be kept under the conditions of this permit.Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit, subject to the protection from disclosure to the public of confidential information consistent with paragraph (E) of OAC rule 3745-77-03.Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit.

(2) As authorized by the Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit and applicable requirements.

c) The permittee shall submit progress reports to the appropriate Ohio EPA District Office or local air agency concerning any schedule of compliance for meeting an applicable requirement. Progress reports shall be submitted semiannually or more frequently if specified in the applicable requirement or by the Director of the Ohio EPA. Progress reports shall contain the following:

(1) Dates for achieving the activities, milestones, or compliance required in any schedule of compliance, and dates when such activities, milestones, or compliance were achieved.

(2) An explanation of why any dates in any schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.

d) Compliance certifications concerning the terms and conditions contained in this permit that are federally enforceable emission limitations, standards, or work practices, shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) and the Administrator of the U.S. EPA in the following manner and with the following content:

(1) Compliance certifications shall be submitted annually on a calendar year basis. The annual certification shall be submitted (i.e., postmarked) on or before April 30th of each year during the permit term.

(2) Compliance certifications shall include the following:

a. An identification of each term or condition of this permit that is the basis of the certification.

b. The permittee's current compliance status.

c. Whether compliance was continuous or intermittent.

d. The method(s) used for determining the compliance status of the source currently and over the required reporting period.

e. Such other facts as the Director of the Ohio EPA may require in the permit to determine the compliance status of the source.

(3) Compliance certifications shall contain such additional requirements as may be specified pursuant to sections 114(a)(3) and 504(b) of the Act.

(Authority for term: OAC rules 3745-77-07(C)(1),(2),(4) and (5) and ORC section 3704.03(L))

14. Permit Shield

a) Compliance with the terms and conditions of this permit (including terms and conditions established for alternate operating scenarios, emissions trading, and emissions averaging, but excluding terms and conditions for which the permit shield is expressly prohibited under OAC rule 3745-77-07) shall be deemed compliance with the applicable requirements identified and addressed in this permit as of the date of permit issuance.

b) This permit shield provision shall apply to any requirement identified in this permit pursuant to OAC rule 3745-77-07(F)(2), as a requirement that does not apply to the source or to one or more emissions units within the source.

(Authority for term: OAC rule 3745-77-07(F))

15. Operational Flexibility

The permittee is authorized to make the changes identified in OAC rule 3745-77-07(H)(1)(a) to (H)(1)(c) within the permitted stationary source without obtaining a permit revision, if such change is not a modification under any provision of Title I of the Act [as defined in OAC rule 3745-77-01(JJ)], and does not result in an exceedance of the emissions allowed under this permit (whether expressed therein as a rate of emissions or in terms of total emissions), and the permittee provides the Administrator of the U.S. EPA and the appropriate Ohio EPA District Office or local air agency with written notification within a minimum of seven days in advance of the proposed changes, unless the change is associated with, or in response to, emergency conditions. If less than seven days notice is provided because of a need to respond more quickly to such emergency conditions, the permittee shall provide notice to the Administrator of the U.S. EPA and the appropriate District Office of the Ohio EPA or local air agency as soon as possible after learning of the need to make the change. The notification shall contain the items required under OAC rule 3745-77-07(H)(2)(d).

(Authority for term: OAC rules 3745-77-07(H)(1) and (2))

16. Emergencies

The permittee shall have an affirmative defense of emergency to an action brought for noncompliance with technology-based emission limitations if the conditions of OAC rule 3745-77-07(G)(3) are met. This emergency defense provision is in addition to any emergency or upset provision contained in any applicable requirement.

(Authority for term: OAC rule 3745-77-07(G))

17. Off-Permit Changes

The owner or operator of a Title V source may make any change in its operations or emissions at the source that is not specifically addressed or prohibited in the Title V permit, without obtaining an amendment or modification of the permit, provided that the following conditions are met:

a) The change does not result in conditions that violate any applicable requirements or that violate any existing federally enforceable permit term or condition.

b) The permittee provides contemporaneous written notice of the change to the Director and the Administrator of the U.S. EPA, except that no such notice shall be required for changes that qualify as insignificant emissions levels or activities as defined in OAC rule 3745-77-01(U).

Such written notice shall describe each such change, the date of such change, any change in emissions or pollutants emitted, and any federally applicable requirement that would apply as a result of the change.

c) The change shall not qualify for the permit shield under OAC rule 3745-77-07(F).

d) The permittee shall keep a record describing all changes made at the source that result in emissions of a regulated air pollutant subject to an applicable requirement, but not otherwise regulated under the permit, and the emissions resulting from those changes.

e) The change is not subject to any applicable requirement under Title IV of the Act or is not a modification under any provision of Title I of the Act.

Paragraph (I) of rule 3745-77-07 of the Administrative Code applies only to modification or amendment of the permittee's Title V permit. The change made may require a permit-to-install under Chapter 3745-31 of the Administrative Code if the change constitutes a modification as defined in that Chapter. Nothing in paragraph (I) of rule 3745-77-07 of the Administrative Code shall affect any applicable obligation under Chapter 3745-31 of the Administrative Code.

(Authority for term: OAC rule 3745-77-07(I))

18. Compliance Method Requirements

Nothing in this permit shall alter or affect the ability of any person to establish compliance with, or a violation of, any applicable requirement through the use of credible evidence to the extent authorized by law. Nothing in this permit shall be construed to waive any defenses otherwise available to the permittee, including but not limited to, any challenge to the Credible Evidence Rule (see 62 Fed. Reg. 8314, Feb. 24, 1997), in the context of any future proceeding.

(This term is provided for informational purposes only.)

19. Insignificant Activities or Emissions Levels

Each IEU that has one or more applicable requirements shall comply with those applicable requirements.

(Authority for term: OAC rule 3745-77-07(A)(1))

20. Permit to Install Requirement

Prior to the "installation" or "modification" of any "air contaminant source," as those terms are defined in OAC rule 3745-31-01, a permit to install must be obtained from the Ohio EPA pursuant to OAC Chapter 3745-31.

(Authority for term: OAC rule 3745-77-07(A)(1))

21. Air Pollution Nuisance

The air contaminants emitted by the emissions units covered by this permit shall not cause a public nuisance, in violation of OAC rule 3745-15-07.

(Authority for term: OAC rule 3745-77-07(A)(1))

22. Permanent Shutdown of an Emissions Unit

The permittee may notify Ohio EPA of any emissions unit that is permanently shut down by submitting a certification from the responsible official that identifies the date on which the emissions unit was permanently shut down. Authorization to operate the affected emissions unit shall cease upon the date certified by the responsible official that the emissions unit was permanently shut down.

After the date on which an emissions unit is permanently shut down (i.e., that 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 and therefore ceases to meet the definition of an "emissions unit" as defined in OAC rule 3745-77-01(O)), rendering existing permit terms and conditions irrelevant, the permittee shall not be required, after the date of the certification and submission to Ohio EPA, to meet any Title V permit requirements applicable to that emissions unit, except for any residual requirements, such as the quarterly deviation reports, semi-annual deviation reports and annual compliance certification covering the period during which the emissions unit last operated. All records relating to the shutdown emissions unit, generated while the emissions unit was in operation, must be maintained in accordance with law.

No emissions unit certified by the responsible official as being permanently shut down may resume operation without first applying for and obtaining a permit to install pursuant to OAC Chapter 3745-31.

(Authority for term: OAC rule 3745-77-01)

23. Title VI Provisions

If applicable, the permittee shall comply with the standards for recycling and reducing emissions of ozone depleting substances pursuant to 40 CFR Part 82, Subpart F, except as provided for motor vehicle air conditioners in Subpart B of 40 CFR Part 82:

a) Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices specified in 40 CFR 82.156.

b) Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment specified in 40 CFR 82.158.

c) Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161.

(Authority for term: OAC rule 3745-77-01(H)(11))

24. Reporting Requirements Related to Monitoring and Record Keeping RequirementsUnder State Law Only

The permittee shall submit required reports in the following manner:

a) Reports of any required monitoring and/or record keeping information shall be submitted to the appropriate Ohio EPA District Office or local air agency.

Except as otherwise may be provided in the terms and conditions for a specific emissions unit, quarterly written reports of (i) any deviations (excursions) from emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the testing, monitoring, and record keeping requirements specified in this permit, (ii) the probable cause of such deviations, and (iii) any corrective actions or preventive measures which have been or will be taken, shall be submitted to the appropriate Ohio EPA District Office or local air agency. In identifying each deviation, the permittee shall specify the applicable requirement for which the deviation occurred, describe each deviation, and provide the magnitude and duration of each deviation. If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted (i.e., postmarked) quarterly, by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. (These quarterly reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06.)Records Retention Requirements Under State Law Only Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include, but not be limited to, all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. Such records may be maintained in computerized form.

25. Inspections and Information Requests

The Director of the Ohio EPA, or an authorized representative of the Director, may, subject to the safety requirements of the permittee and without undue delay, enter upon the premises of this source at any reasonable time for purposes of making inspections, conducting tests, examining records or reports pertaining to any emission of air contaminants, and determining compliance with any applicable State air pollution laws and regulations and the terms and conditions of this permit. The permittee shall furnish to the Director of the Ohio EPA, or an authorized representative of the Director, upon receipt of a written request and within a reasonable time, any information that may be requested to determine whether cause exists for modifying, reopening or revoking this permit or to determine compliance with this permit. Upon verbal or written request, the permittee shall also furnish to the Director of the Ohio EPA, or an authorized representative of the Director, copies of records required to be kept by this permit.

(Authority for term: OAC rule 3745-77-07(C))

26. Scheduled Maintenance/Malfunction Reporting

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. The malfunction of any emissions units or any associated air pollution control system(s) shall be reported to the appropriate Ohio EPA District Office or local air agency in accordance with paragraph (B) of OAC rule 3745-15-06. Except as provided in that rule, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution

control system(s) shall be accompanied by the shutdown of the emissions unit(s) that is (are) served by such control system(s).

27. Permit Transfers

Any transferee of this permit shall assume the responsibilities of the prior permit holder. The appropriate Ohio EPA District Office or local air agency must be notified in writing of any transfer of this permit.

(Authority for term: OAC rule 3745-77-01(C))

28. Additional Reporting Requirements When There Are No Deviations of Federally Enforceable Emission Limitations, Operational Restrictions, or Control Device Operating Parameter Limitations

If no emission limitation (or control requirement), operational restriction and/or control device parameter limitation deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted (i.e., postmarked) by January 31, April 30, July 31, and October 31 of each year; and each report shall cover the previous calendar quarter.

The permittee is not required to submit a quarterly report which states that no deviations occurred during that quarter for the following situations:

a) where an emissions unit has deviation reporting requirements for a specific emission limitation, operational restriction, or control device parameter limitation that override the deviation reporting requirements specified in Standard Term and Condition A.2.c)(2); or

b) where an uncontrolled emissions unit has no monitoring, record keeping, or reporting requirements and the emissions unit's applicable emission limitations are established at the potentials to emit; or

c) where the company's responsible official has certified that an emissions unit has been permanently shut down.

B. Facility-Wide Terms and Conditions

1. All the following facility-wide terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only:

   a) None.

2. Applicable Emissions Limitations and/or Control Requirements

   a) Emissions from this facility 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
1.	OAC rule 3745-31-05(D)	Facility-wide volatile organic compounds (VOC) emissions shall not exceed 163.4 tons per year as a rolling, twelve-month summation. Facility-wide particulate emissions (PE) shall not exceed 14.4 tons per year as a rolling, twelve-month summation. Facility-wide sulfur dioxide (SO2) emissions shall not exceed 35.8 tons per year as a rolling, twelve-month summation. Facility-wide nitrogen oxides (NOx) emissions shall not exceed 64.0 tons per year as a rolling, twelve-month summation. Facility-wide carbon monoxide (CO) emissions shall not exceed 47.8 tons per year as a rolling, twelve-month summation. Facility-wide natural gas usage shall not exceed 1,079,230,000 cubic feet per year as rolling, twelve-month summation. Facility-wide distillate oil (number 1 and number 2 fuel oil, kerosene and diesel fuel, but excluding number 4 fuel oil) usage shall not exceed 1,000,000 gallons per year as rolling, twelve-month summation. See Section 2.b)(1) below.

2.	40 CFR Part 63, Subpart HHHHH [In accordance with 40 CFR 63.7985 this unit is an existing miscellaneous coating manufacturing facility subject to the emissions limitations/control measures specified in this section.]	See 2.b)(2), c)(1), d)(4) and e)(5).
3.	40 CFR 63.1-16	Table 10 to 40 CFR, Part 63, Subpart HHHHH – Applicability of General Provisions to Subpart HHHHH shows which parts of the General Provisions in 40 CFR 63.1-16 apply.

b) Additional Terms and Conditions

(1) The facility-wide rolling, twelve-month emission limitations for VOC, PE, SO2, NOx, and CO, and the facility-wide natural gas and distillate oil usage limitations established pursuant to OAC rule 3745-31-05(D) are synthetic minor limitations intended to restrict emission increases to less than the "significant" emission levels specified in OAC rule 3745-31-01 (i.e., less than 15 TPY for PE, less than 40 TPY for SO2, less than 40 TPY for NOx, less than 40 TPY for VOC, and less than 100 TPY for CO.)

(2) The permittee is subject to the following MACT rule: Miscellaneous Coating Manufacturing, 40 CFR Part 63 Subpart HHHHH. The MACT Subpart HHHHH became effective on December 11, 2003. The requirements of this rule have been established in the Title V permit for this facility.

c) Operational Restrictions

(1) The permittee shall comply with the applicable operational restrictions and requirements under 40 CFR, Part 63, Subpart HHHHH, including the following sections:

63.8000	General requirements
63.8005	Requirements for process vessels
63.8010	Requirements for storage tanks
63.8015	Requirements for equipment leaks
63.8020	Requirements for wastewater streams
63.8025	Requirements for transfer operations
63.8030	Requirements for heat exchange systems

63.8050	Alternative means of compliance for emissions averaging for stationary process vessels
63.8055	Alternative means of compliance for weight percent HAP limit
63.8095	Applicability of General Provisions to Subpart HHHHH

[Authority for term: OAC rule 3745-77-07(A)(1) and PTI #13-03881]

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall maintain monthly records of the rolling, twelve-month summation of the facility-wide VOC, PE, SO2, NOx, and CO emission rates, in tons. (Note: the permittee has existing records to demonstrate compliance with the rolling, twelve-month emission limitations upon issuance of this permit.)

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13-03881]

(2) The permittee shall maintain monthly records of the rolling, twelve-month summation of the facility-wide, monthly natural gas usages, in cubic feet (ft3). (Note: the permittee has existing records to demonstrate compliance with the rolling, twelve-month natural gas usage limitation upon issuance of this permit.)

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13-03881]

(3) The permittee shall maintain monthly records of the rolling, twelve-month summation of the facility-wide, monthly distillate oil usages, in gallons. (Note: the permittee has existing records to demonstrate compliance with the rolling, twelve-month distillate oil usage limitation upon issuance of this permit.)

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13-03881]

(4) The permittee shall comply with the applicable monitoring and record keeping requirements under 40 CFR, Part 63, Subpart HHHHH, including the following sections:

63.8080	Required record keeping

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13-03881]

e) Reporting Requirements

(1) The permittee shall submit quarterly deviation (excursion) reports that identify each month during which the facility-wide VOC, PE, SO2, NOx and CO emissions exceeded the limitations in 2.a).

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13-03881]

(2) The permittee shall submit quarterly deviation (excursion) reports that identify each month during which the facility-wide natural gas usage exceeded the limitation in 2.a).

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13-03881]

(3) The permittee shall submit quarterly deviation (excursion) reports that identify each month during which the facility-wide distillate oil usage exceeded the limitation in 2.a).

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13-03881]

(4) The deviation reports shall be submitted in accordance with the Standard Terms and Conditions of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13-03881]

(5) The permittee shall comply with the applicable reporting requirements under 40 CFR, Part 63, Subpart HHHHH, including the following sections:

63.8070	Required notifications
63.8075	Required reports

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13-03881]

f) Testing Requirements

(1) Compliance with the emission limitations in 2.a) of these terms and conditions shall be determined in accordance with the following methods:

a. <u>Emission Limitation:</u>
Facility-wide VOC emissions shall not exceed 163.4 tons per year as a rolling, twelve-month summation.

<u>Applicable Compliance Method:</u>
The permittee shall calculate the facility-wide VOC emissions, on a monthly basis, as the summation of items i. through iv. below:

i. multiply the facility-wide natural gas usage and the facility-wide distillate oil usage by the appropriate emission factors for VOC from USEPA's Compilation of Air Pollution Emission Factors, AP-42, Fifth Edition or the most recent edition of AP-42 and convert the emission rates to tons;

ii. for emissions units K201, P201, and P202, monthly VOC emissions shall be calculated as specified in Section C., 1.f), 2.f), and 3.f) of the terms and conditions for K201, P201, and P202;

iii. for the insignificant emissions units (see reference Table 5), the VOC emissions shall be calculated as follows:

(a) for the fuel burning units such as the Regenerative Thermal Oxidizer (RTO) burners, small boilers, heaters, hot water tanks, fire water pumps and backup generators, the VOC emissions are included in f)(1)a.i. above;

(b) for the solvent sinks, lab fume hoods, lab ovens, lab benches and draw scales, the VOC emissions are included in K201;

(c) for the drum agitation stations, centrifuges, dispense machines, overflow tanks, tank wagon rinsing and pigment pre-assembly, the VOC emissions are included in P201;

(d) for the storage tanks, the most recent version of USEPA's TANKS program shall be used to calculate the VOC emissions;

(e) for the Building 41 trash compactor, an emission rate of 0.18 pound of VOC per month shall be assumed based on engineering calculations supplied by the permittee; and

(f) for the uncontrolled paint spray booths, VOC emissions shall equal the entire organic content of the material sprayed;

(g) for the light liquid service pump seals and flanges (connectors) and external flanges, VOC emissions shall be determined using an emission factor of 0.000858 pound VOC per gallon of paint produced (this emission factor was developed by the permittee from 1996 calculated potential fugitive emissions of 8800 pounds VOC/10,254,474 gallons of paint produced; calculations are included in the facility Title V permit application file LDAR2.xls/sheet2.); and

iv. the VOC emissions from any new emissions unit(s) may be determined using one or more of the following with Agency approval:

(a) USEPA's Compilation of Air Pollution Emission Factors, AP-42, Fifth Edition or the most recent edition of AP-42, Section 5.2 Transportation and Marketing of Petroleum Liquids, (7/2008);

(b) USEPA's Compilation of Air Pollution Emission Factors, AP-42, Fifth Edition or the most recent edition of AP-42, Section 6.4 Paint and Varnish, (5/1983);

(c) USEPA's Compilation of Air Pollution Emission Factors, AP-42, Fifth Edition or the most recent edition of AP-42, Section 7.1 Organic Liquid Storage Tanks, (11/2006);

(d) USEPA emission estimation software programs such as TANKS program, SPECIATE version 3.1, Factor Information Retrieval (FIRE) version 6.22 or the most recent version of these software programs;

(e) USEPA's Control of Volatile Organic Compounds Emissions from Ink and Paint Manufacturing Processes, EPA-450/3-92-013, April 1992;

(f) USEPA's 1995 Protocol for Equipment Leak Emission Estimates, EPA-453/R-95-017, November 1995;

(g) stack test emission data;

(h) material balance calculations; or

(i) other Agency-approved emission factors.

The permittee shall calculate the rolling, twelve-month VOC emissions as the sum of the VOC emissions from the current calendar month and the previous 11 calendar months.

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13-03881]

b. Emission Limitation:
Facility-wide PE shall not exceed 14.4 tons per year as a rolling, twelve-month summation.

Applicable Compliance Method:
The permittee shall calculate the facility-wide PE, on a monthly basis, as the summation of items i. through iv. below:

i. multiply the facility-wide natural gas usage and the facility-wide distillate oil usage by the appropriate emission factors for PE from USEPA's Compilation of Air Pollution Emission Factors, AP-42, Fifth Edition or the most recent edition of AP-42 and convert the emission rates to tons;

ii. for emissions units K201 and P201, the PE rate shall be the annual PE rate, in tons per year, calculated in Section C., 1.f), 2.f), and 3.f) of the terms and conditions for K201 and P201 divided by 12 months per year;

iii. for the insignificant emissions units (see reference Table 5 in Appendix A), PE shall be calculated as follows:

(a) for the fuel burning units such as the RTO burners, small boilers, heaters, hot water tanks, fire water pumps and backup generators, the PE are included in f)(1)b.i. above; and

(b) for the uncontrolled paint spray booths, PE shall equal the entire solids content of the material sprayed.

iv. the PE from any new emissions unit(s) may be determined using one of the following with Agency approval:

(a) USEPA's Compilation of Air Pollution Emission Factors, AP-42, Fifth Edition or the most recent edition of AP-42, Section 6.4 Paint and Varnish, (5/83);

(b) USEPA's Control of Volatile Organic Compounds Emissions from Ink and Paint Manufacturing Processes EPA-450/3-92-013 April 1992;

(c) stack test emission data;

(d) material balance calculations; or

(e) other Agency-approved emission factors.

The permittee shall calculate the rolling, twelve-month PE as the sum of the PE from the current calendar month and the previous 11 calendar months.

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13-03881]

c. Emission Limitation:
Facility-wide SO2 emissions shall not exceed 35.8 tons per year as a rolling, twelve-month summation.

Applicable Compliance Method:
The permittee shall calculate the facility-wide SO2 emissions, on a monthly basis, as the summation of items i. through iii. below:

i. multiply the facility-wide natural gas usage and the facility-wide distillate oil usage by the appropriate emission factors for SO2 from USEPA's Compilation of Air Pollution Emission Factors, AP-42, Fifth Edition or the most recent edition of AP-42 and convert the emission rates to tons;

ii. for the fuel burning units such as the RTO burners, small boilers, heaters, hot water tanks, fire water pumps and backup generators, the SO2 emissions are included in f)(1)c.i. above; and

iii. SO2 emissions from any new emissions unit(s) may be determined using one of the following with Agency approval:

(a) stack test emission data;

(b) material balance calculations; or

(c) other Agency-approved emission factors.

The permittee shall calculate the rolling, twelve-month SO2 emissions as the sum of the SO2 emissions from the current calendar month and the previous 11 calendar months.

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13-03881]

d. Emission Limitation:
Facility-wide NOx emissions shall not exceed 64.0 tons per year as a rolling, twelve-month summation.

Applicable Compliance Method:
The permittee shall calculate the facility-wide NOx emissions, on a monthly basis, as the summation of items i. through iii. below:

i. multiply the facility-wide natural gas usage and the facility-wide distillate oil usage by the appropriate emission factors for NOx from USEPA's Compilation of Air Pollution Emission Factors, AP-42, Fifth Edition or the most recent edition of AP-42 and convert the emission rates to tons;

ii. for the fuel burning units such as the RTO burners, small boilers, heaters, hot water tanks, fire water pumps and backup generators, the NOx emissions are included in f)(1)d.i. above; and

iii. NOx emissions from any new emissions unit(s) may be determined using one of the following with Agency approval:

(a) stack test emission data;

(b) material balance calculations; or

(c) other Agency-approved emission factors.

The permittee shall calculate the rolling, twelve-month NOx emissions as the sum of the NOx emissions from the current calendar month and the previous 11 calendar months.

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13-03881]

e. Emission Limitation:
Facility-wide CO emissions shall not exceed 47.8 tons per year as a rolling, twelve-month summation.

Applicable Compliance Method:
The permittee shall calculate the facility-wide CO emissions, on a monthly basis, as the summation of items i. through iii. below:

i. multiply the facility-wide natural gas usage and the facility-wide distillate oil usage by the appropriate emission factors for CO from USEPA's Compilation of Air Pollution Emission Factors, AP-42, Fifth Edition or the most recent edition of AP-42 and convert the emission rates to tons;

ii. for the fuel burning units such as the RTO burners, small boilers, heaters, hot water tanks, fire water pumps and backup generators, the CO emissions are included in f)(1)e.i. above; and

iii. CO emissions from any new emissions unit(s) may be determined using one of the following with Agency approval:

(a) stack test emission data;

(b) material balance calculations; or

(c) other Agency-approved emission factors.

The permittee shall calculate the rolling, twelve-month CO emissions as the sum of the CO emissions from the current calendar month and the previous 11 calendar months.

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13-03881]

g) Miscellaneous Requirements [Note: not sure what parts of this section will be included]

(1) This permit includes the following tables:

Table A List of Permits to Install (PTI's) issued to PPG Industries Ohio, Inc., Cleveland, Ohio

Table 1 Non-Insignificant Emissions Units [emissions units under PTI 13-03881]

Table 2 K201 - Paint Laboratory Operations Emissions Units [emissions units grouped pursuant to OAC rule 3745-21-09(MM)(3)]

Table 3 P201 - Paint Manufacturing Operations Emissions Units [emissions units grouped pursuant to OAC rule 3745-21-09(MM)(2)]

Table 4 P202 - Dedicated Water Based Paint Production Equipment [emissions units grouped pursuant to OAC rule 3745-21-09(MM)(4)]

Table 5 Insignificant Emissions Units* [does not include any emissions units regulated under OAC rules 3745-21-09(MM)(2), (3), or (4)]

*Pursuant to OAC rule 3745-77-01(U)(1), insignificant emissions units include "All source categories excluded from the requirements to obtain installation permits..." Therefore, all "PTI exempt" emissions units are by definition "Insignificant Emissions Units" for Title V purposes.

[Authority for term: PTI #13-03881]

(2) PPG Industries permit to install (PTI 13-03881) is designed to contain all emissions units that are required to obtain a permit to install and a list of all insignificant emissions units at this facility. The PTI will typically be modified whenever PPG Industries applies for a permit to either modify existing emissions units or to install new emissions units at this facility. This Title V permit will be modified accordingly to reflect changes made to PTI 13-03881.

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13-03881]

(3) As per OAC rule 3745-31-02, PPG Industries shall apply for and obtain an air pollution permit to install prior to beginning construction of any non exempt new or modified air contaminant source (emissions unit). Once PPG Industries has submitted a permit application for any such new or modified source, Ohio EPA will determine if either (a) a separate permit to install will be issued, or (b) the permit to install will be revised. This Title V permit will be revised accordingly to reflect such changes.

[Authority for term: PTI #13-03881]

(4) The permittee shall submit updated Emissions Unit Tables 2, 3, and 4 to the Cleveland DAQ on an annual basis. The updated tables shall include a complete list of emissions units for each table (including an identification of all emissions unit(s) that is/are permanently shut down and dismantled) as of the end of the calendar year. This report shall be submitted to the Cleveland DAQ by February 28 of each year.

The updated Emissions Unit Tables 2, 3, and 4 will be included in each modification of the PTI. If none of the Emissions Unit Tables 2, 3, or 4 requires an update, the permittee shall submit a report by February 28 of each year that states no revisions are required. This Title V permit will be modified accordingly to reflect changes made to PTI 13-03881.

[Authority for term: PTI #13-03881]

(5) The permittee shall submit an updated Emissions Unit Table 5 (Insignificant Emissions Units) to the Cleveland DAQ on an annual basis. The updated table shall include the complete list of emissions units including any PTI exempt emissions unit(s) installed during the last calendar year and an identification of all emissions unit(s) that is/are permanently shut down and dismantled. This report shall be submitted to the Cleveland DAQ by February 28 of each year.

The updated Emissions Unit Table 5 will be included in each modification to the PTI. If Emissions Unit Table 5 does not require an update, the permittee shall submit a report by February 28 of each year that states no revision is required. This Title V permit will be modified accordingly to reflect changes made to PTI 13-03881.

[Authority for term: PTI #13-03881]

(6) The terms and conditions of this Title V hereby incorporate all the applicable requirements, including emission limitations/control measures, established pursuant to OAC rule 3745-31-05(A)(3) (Best Available Technology) and specified in the permits to install listed in Table A.

[Authority for term: PTI #13-03881]

3. The following insignificant emissions units are located at this facility:

EU ID	Operations, Property and/or Equipment Description
T148	Storage tank. Formerly Z045
T149	Storage tank. Formerly Z046
T150	Storage tank. Formerly Z047
T151	Storage tank. Formerly Z048
T152	Storage tank. Formerly Z049
T153	Storage tank. Formerly Z050
T154	Storage tank. Formerly Z051
T155	Storage tank. Formerly Z052
T156	Storage tank. Formerly Z053
T157	Storage tank. Formerly Z054
T158	Storage tank. Formerly Z055
T159	Storage tank. Formerly Z056
T160	Storage tank. Formerly Z057
T161	Storage tank. Formerly Z058
T162	Storage tank. Formerly Z059
T163	Storage tank. Formerly Z060
T164	Storage tank. Formerly Z061
T165	Storage tank. Formerly Z062
T166	Storage tank. Formerly Z063

EU ID	Operations, Property and/or Equipment Description
T167	Storage tank. Formerly Z064
T168	Storage tank. Formerly Z065
T169	Storage tank. Formerly Z066
T170	Storage tank. Formerly Z067
T171	Storage tank. Formerly Z068
T172	Storage tank. Formerly Z159
T173	Storage tank. Formerly Z160
T174	Storage tank. Formerly Z161
T175	Storage tank. Formerly Z162
T176	Storage tank. Formerly Z163
T177	Storage tank. Formerly Z164
T178	Storage tank. Formerly Z165
T179	Storage tank. Formerly Z166
T180	Storage tank. Formerly Z167
T181	Storage tank. Formerly Z168
T182	Storage tank. Formerly Z169
T183	Storage tank. Formerly Z170
T184	Storage tank. Formerly Z171
T185	Storage tank. Formerly Z172
T186	Storage tank. Formerly Z173
T187	Storage tank. Formerly Z174
T188	Storage tank. Formerly Z175
T189	Storage tank. Formerly Z176

EU ID	Operations, Property and/or Equipment Description
T190	Storage tank. Formerly Z177
T191	Storage tank. Formerly Z178
T192	Storage tank. Formerly Z179
T193	Storage tank. Formerly Z180
T194	Storage tank. Formerly Z181
T195	Storage tank. Formerly Z182
T196	Storage tank. Formerly Z183
T197	Storage tank. Formerly Z184
T198	Storage tank. Formerly Z185
T199	Storage tank. Formerly Z186
T200	Storage tank. Formerly Z187
T201	Storage tank. Formerly Z188
T202	Storage tank. Formerly Z189
T203	Storage tank. Formerly Z190
T204	Storage tank. Formerly Z191
T205	Storage tank. Formerly Z192
T206	Storage tank. Formerly Z193
T207	Storage tank. Formerly Z194
T208	Storage tank. Formerly Z195
T209	Storage tank. Formerly Z196
T210	Storage tank. Formerly Z197
T211	Storage tank. Formerly Z198
T213	Storage tank. Formerly Z199

EU ID	Operations, Property and/or Equipment Description
T214	Storage tank. Formerly Z200
T215	Storage tank. Formerly Z201
T216	Storage tank. Formerly Z202
T217	Storage tank. Formerly Z203
T218	Storage tank. Formerly Z204
T219	Storage tank. Formerly Z205
T220	Storage tank. Formerly Z229
T221	Storage tank. Formerly Z230
T222	Storage tank. Formerly Z231
T223	Storage tank. Formerly Z232
T224	Storage tank. Formerly Z233
T225	Storage tank. Formerly Z234
T226	Storage tank. Formerly Z235
T227	Storage tank. Formerly Z236
T228	Storage tank. Formerly Z237
T229	Storage tank. Formerly Z238
T230	Storage tank. Formerly Z239
T231	Storage tank. Formerly Z240
T232	Storage tank. Formerly Z241
T233	Storage tank. Formerly Z242
T234	Storage tank. Formerly Z243
T235	Storage tank. Formerly Z244
T236	Storage tank. Formerly Z245

d) Each insignificant emissions unit at this facility must comply with all applicable State and Federal

e) regulations, as well as any emissions limitations and/or control requirements contained within a permit-to-install for that emissions unit. Insignificant emissions units listed above that are not subject to specific

f) permit-to-install requirements are subject to one or more applicable requirements contained in the

g) federally-approved versions of OAC Chapters 3745-17 and/or 3745-21.

h) [Authority for term: OAC rule 3745-77-07(A)(13)]

C. Emissions Unit Terms and Conditions

1. K201, K201

Operations, Property and/or Equipment Description:

Paint laboratory operations, controlled by a water curtain or dry filtration system located upstream of four rotary concentrator wheels and a regenerative thermal oxidizer (RTO).

a) The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

(1) d)(9), d)(10), and d)(11).

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operations(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. 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(A)(3)	Volatile organic compounds (VOC) emissions shall not exceed 145.0 tons per year as a rolling, twelve-month summation for K201 and P201 combined. Particulate emissions (PE) shall not exceed 0.3 pound per hour* and 1.2 tons per year as a rolling, twelve-month summation*. *These emission limitations are based on the emissions unit's potential to emit, with controls. Therefore, no record keeping and/or reporting requirements are necessary to ensure compliance with these emission limitations. Visible PE from the concentrator/RTO stack shall not exceed 5% opacity, as a 6-minute average. There shall be no visible fugitive PE from this emissions unit. Natural gas combustion emissions from the burners serving the RTO shall not exceed: 0.07 lb VOC/hr*;

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		0.02 lb PE/hr*; 0.01 lb SO2/hr*; 1.20 lbsNOx/hr*; and 1.01 lbs CO/hr*. *This lbs/hr emission limitation is based on the emissions unit's potential to emit. Therefore, no record keeping and/or reporting requirements are necessary to ensure compliance with this emission limitation. The requirements of this rule also include compliance with the requirements of OAC rules 3745-21-09(MM)(3).
b.	OAC rule 3745-21-09(MM)(3)	See b)(2)c. and b)(2)d. below.
c.	OAC rule 3745-17-07(A)(1)	The visible emission limitation specified by this rule is less stringent than the visible emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
d.	OAC rule 3745-17-11(B)	The hourly emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
e.	40 CFR Part 63, Subpart HHHHH	The permittee shall comply with the applicable requirements of 40 CFR Part 63, Subpart HHHHH (National Emission Standards for Hazardous Air Pollutants: Miscellaneous Coating Manufacturing) as specified in Section B.

(2) Additional Terms and Conditions

a. This emissions unit is considered to be "in operation" at any time during which any emissions unit(s) identified in Table 2: Paint Laboratory Operations Emissions Units is in operation.

b. The permittee shall vent all of the PE to a water curtain system or dry filtration system at all times when this emissions unit is in operation.

c. Except as otherwise provided in paragraph (MM)(4) of OAC rule 3745-21-09 (See b)(2)d. below), the VOC emissions from the equipment included within the

paint laboratory operations shall be vented to a control system that shall achieve a minimum control efficiency of 90.0 percent by weight for the VOC emissions or a maximum outlet VOC concentration of twenty parts per million by volume dry basis.

d. The requirements of OAC rule 3745-21-09 (MM)(3) shall not apply to any specific piece of equipment included within the paint laboratory operations during the processing or use of a waterbased paint material in said equipment, provided the following three conditions are met:

i. the equipment is dedicated solely to the production of waterbased paint materials;

ii. the VOC content of each waterbased paint material is less than or equal to 12.0 percent VOC by weight as determined under paragraph (B) of OAC rule 3745-21-10; and

iii. any VOC emissions from the processing or use of the waterbased paint materials that are not vented to the control systems specified in paragraph (MM)(3) of OAC rule 3745-21-09(MM) are included (accounted for) in a permit to install issued by the Director after August 22, 1990 pursuant to OAC Chapter 3745-31. These permits to install are identified in Table A: List of Permits of Install Issued to PPG Industries Ohio, Inc., Cleveland, Ohio.

c) Operational Restrictions

(1) The average combustion temperature within the RTO, for any 3-hour block of time when the emissions unit is in operation, shall not be more than 50 degrees Fahrenheit below the average temperature during the most recent emissions test that demonstrated that the emissions unit was in compliance.

[Authority for term: OAC rule 3745-77-07(A)(1) and PTI #13-03881]

(2) The average temperature of the desorption air stream prior to the rotary concentrator wheels, for any 3-hour block of time when the emissions unit is in operation, shall not be more than 50 degrees Fahrenheit below the average desorption temperature during the most recent emissions test that demonstrated the emissions unit was in compliance.

[Authority for term: OAC rule 3745-77-07(A)(1) and PTI #13-03881]

(3) The permittee shall operate a water curtain system or dry filtration system at all times when the associated paint laboratory operation is in operation.

(Spray booths are utilized to coat metal panels for automotive coating quality control/assurance and product development.

The spray booths are located within laboratory rooms segregated from office areas by doors and a hallway within the plant multi-floor building. The doors to the lab areas remain closed at all times. The entire building is equipped with an environmental air

handling system to maintain temperature and humidity to meet proper spraying specifications. As such, the building is equipped with sealed casement windows that may not be opened to the outside. Beyond the labs and office areas, secondary means of egress are provided into the building at ground level.

Each spray booth in the lab, under induced draft ventilation, is equipped with either a water curtain or a dry filter system to control overspray particulate emissions. The air stream from each spray booth is vented and controlled by the concentrator/RTO system. The spray booth is engineered and designed to trap paint overspray from the coating of the panels. If insufficient capture exists during the spraying, the operation is immediately discontinued.)

[Authority for term: OAC rule 3745-77-07(A)(1) and PTI #13-03881]

(4) The permittee shall burn only natural gas in the burners serving the RTO controlling this emissions unit.

[Authority for term: OAC rule 3745-77-07(A)(1) and PTI #13-03881]

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall operate and maintain continuous temperature monitors and recorders which measure and record the combustion temperature within the RTO and desorption temperature prior to the four rotary concentrator wheels when the emissions unit is in operation. Units shall be in degrees Fahrenheit. The monitoring and recording devices shall be capable of accurately measuring the desired parameter. The temperature monitor and recorder shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, with any modifications deemed necessary by the permittee. The permittee shall collect and record the following information for each day:

a. all 3-hour blocks of time during which the average combustion temperature within the RTO, when the emissions unit was in operation, was more than 50 degrees Fahrenheit below the average temperature maintained during the most recent emissions test that demonstrated the emissions unit to be in compliance;

b. all 3-hour blocks of time during which the average temperature of the desorption air stream prior to the four rotary concentrator wheels, when the emissions unit was in operation, was more than 50 degrees Fahrenheit below the average desorption temperature maintained during the most recent emissions test that demonstrated the emissions unit to be in compliance; and

c. a log of the downtime for the capture (collection) system, control device, and monitoring equipment when the associated emissions unit was in operation.

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13-03881]

(2) For any specific equipment included within the paint laboratory operations, for which the permittee claims an exemption from the requirements of paragraph (MM)(3) of OAC rule 3745-21-09, pursuant to paragraph (MM)(4) of OAC rule 3745-21-09, the permittee shall

keep daily records of the periods of time during which there is no laboratory activity at said equipment.

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13-03881]

(3) The permittee shall maintain daily records that document any time periods when a water curtain system or dry filtration system was not in service when the associated paint laboratory operation was in operation.

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13-03881]

(4) The permittee shall perform weekly checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the concentrator/RTO stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:

a. the color of the emissions;

b. the total duration of any visible emission incident; and

c. any corrective actions taken to eliminate the visible emissions.

If the weekly checks show no visible emissions for 12 consecutive weeks, the required frequency of visible emissions checks may be reduced to monthly (once per month, when the emissions unit is in operation). If a subsequent check indicates visible emissions, the frequency of visible emissions checks shall revert to weekly until such time as there are 12 consecutive weeks of no visible emissions.

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13-03881]

(5) For each day during which the permittee burns a fuel other than natural gas in the burners serving the RTO controlling this emissions unit, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13-03881]

(6) The permittee shall keep monthly records of the operating hours (on line time) and the downtime (off line time) of the concentrator/RTO system while the emissions unit was in operation.

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13-03881]

(7) The permittee shall keep monthly records of the hours of operation of this emissions unit.

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13-03881]

(8) The permittee shall maintain monthly records of the rolling, twelve-month VOC emissions, in tons for K201 and P201 combined.

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13-03881]

(9) Air Toxic Policy Clarifying Language

The permit to install for this emissions unit (K201) was evaluated based on the actual materials and the design parameters of the emissions unit's exhaust system, as specified by the permittee in the permit to install application. The Ohio EPA's “Review of New Sources of Air Toxic Emissions” policy ("Air Toxic Policy") was applied to this emissions unit for each toxic pollutant, using data from the permit to install application, and modeling was performed for the toxic pollutant(s) emitted at over a ton per year using the SCREEN 3.0 model or other Ohio EPA approved model. The predicted 1-hour maximum ground-level concentration result(s) from the use of the SCREEN 3.0 (or other approved) model, was compared to the Maximum Acceptable Ground-Level Concentration (MAGLC), calculated as required in Engineering Guide #70. The following summarizes the results of the modeling for the worst case pollutant(s):

a. Pollutant: Xylene

TLV (mg/m3): 434.233

Maximum Hourly Emission Rate (pounds/hour): 33.11

Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 61.56

MAGLC (ug/m3): 10,339

b. Pollutant: N-butyl Acetate

TLV (mg/m3): 712.638

Maximum Hourly Emission Rate (pounds/hour): 33.11

Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 61.56

MAGLC (ug/m3): 16,968

c. Pollutant: Methyl ethyl ketone

TLV (mg/m3): 589.851

Maximum Hourly Emission Rate (pounds/hour): 33.11

Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 61.56

MAGLC (ug/m3): 14,044

d. Pollutant: Di-isobutyl ketone

TLV (mg/m3): 145.440

Maximum Hourly Emission Rate (pounds/hour): 33.11

Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 61.56

MAGLC (ug/m3): 3,463

e. Pollutant: Ethanol

TLV (mg/m3): 1,884.254

Maximum Hourly Emission Rate (pounds/hour): 33.11

Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 61.56

MAGLC (ug/m3): 44,863

f. Pollutant: Methyl isobutyl ketone

TLV (mg/m3): 204.826

Maximum Hourly Emission Rate (pounds/hour): 33.11

Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 61.56

MAGLC (ug/m3): 4,877

g. Pollutant: Methanol

TLV (mg/m3): 262.09

Maximum Hourly Emission Rate (pounds/hour): 33.11

Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 61.56

MAGLC (ug/m3): 6,240.24

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13 03881]

(10) Physical changes to or changes in the method of operation of the emissions unit after its installation or modification could affect the parameters used to determine whether or not the “Air Toxic Policy” is satisfied. Consequently, prior to making a change that could impact such parameters, the permittee shall conduct an evaluation to determine that the “Air Toxic Policy” will still be satisfied. If, upon evaluation, the permittee determines that the “Air Toxic Policy” will not be satisfied, the permittee will not make the change. Changes that can affect the parameters used in applying the “Air Toxic Policy” include the following:

a. changes in the composition of the materials used or the use of new materials, that would result in the emission of a compound or chemical with a lower Threshold Limit Value (TLV) than the lowest TLV previously modeled, as documented in the most current version of the American Conference of Governmental Industrial Hygienists' (ACGIH's) handbook entitled "TLVs and BEIs" ("Threshold Limit Values for Chemical Substances and Physical Agents, Biological Exposure Indices");

b. changes in the composition of the materials, or use of new materials, that would result in an increase in emissions of any pollutant with a listed TLV that was proposed in the application and modeled; and

c. physical changes to the emissions unit or its exhaust parameters (e.g., increased/decreased exhaust flow, changes in stack height, changes in stack diameter, etc.).

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13-03881]

(11) If the permittee determines that the "Air Toxic Policy" will be satisfied for the above changes, the Ohio EPA will not consider the change(s) to be a "modification" under OAC rule 3745-31-01 solely due to the emissions of any type of toxic air contaminant not previously emitted, and a modification of the existing permit to install will not be required, even if the toxic air contaminant emissions are greater than the de minimis level in OAC rule 3745-15-05. If the change(s) meet(s) the definition of a "modification" under other provisions of the rule, then the permittee shall obtain a final permit to install prior to the change.

The permittee shall collect, record, and retain the following information when it conducts evaluations to determine that the changed emissions unit will still satisfy the "Air Toxic Policy":

a. a description of the parameters changed (composition of materials, new pollutants emitted, change in stack/exhaust parameters, etc.);

b. documentation of its evaluation and determination that the changed emissions unit still satisfies the "Air Toxic Policy"; and

c. where computer modeling is performed, a copy of the resulting computer model runs that show the results of the application of the Air Toxic Policy for the change.

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13-03881]

e) Reporting Requirements

(1) The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than natural gas was burned in the burners serving the RTO controlling this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13-03881]

(2) The permittee shall notify the Cleveland DAQ in writing of any record showing that a water curtain system or dry filtration system was not in service when the associated paint laboratory operation was in operation. The notification shall include a copy of such record and shall be sent to the Cleveland DAQ within 30 days after the event occurs.

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13-03881]

(3) The permittee shall submit quarterly temperature deviation (excursion) reports that identify all 3-hour blocks of time (when the emissions unit was in operation) during which:

a. the average combustion temperature within the RTO was more than 50 degrees Fahrenheit below the average temperature during the most recent emissions test that demonstrated the emissions unit was in compliance and;

b. the average temperature of the desorption air stream prior to the rotary concentrator wheels was more than 50 degrees Fahrenheit below the average desorption temperature during the most recent emissions test that demonstrated the emissions unit was in compliance.

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13-03881]

(4) The permittee shall submit quarterly deviation (excursion) reports that identify each month during which the VOC emission rate exceeded the limitation in b)(1).

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13-03881]

(5) Except as otherwise provided in paragraph (MM)(4) of OAC rule 3745-21-09 (see b)(2)d.), the permittee shall submit quarterly deviation (excursion) reports that identify all periods of time during which the concentrator/RTO system was not in service when the emissions unit was in operation.

[Authority for term: OAC rule 3745-21-09(MM)(4), OAC rule 3745-77-07(C)(1) and PTI #13-03881]

(6) The quarterly deviation (excursion) reports shall be submitted in accordance with the Standard Terms and Conditions of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13-03881]

(7) The permittee shall submit semiannual written reports that (a) identify all days during which any visible PE were observed from the concentrator/RTO stack serving this emissions unit and (b) describe any corrective actions taken to eliminate the visible PE. These reports shall be submitted to the Cleveland DAQ by January 31 and July 31 of each year and shall cover the previous six-month period.

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13-03881]

f) Testing Requirements

(1) Compliance with the emission limitations in b)(1) of these terms and conditions shall be determined in accordance with the following methods:

a. <u>Emission Limitation:</u>

VOC emissions shall not exceed 145.0 tons per year as a rolling, twelve-month summation for K201 and P201 combined.

<u>Applicable Compliance Method:</u>

The permittee shall calculate the combined monthly VOC emissions from K201 and P201 as follows:

Controlled monthly emissions = on line hours/month of the concentrator/RTO system recorded in d)(6) X 7.1 pounds VOC/hour* X 1 ton/2000 pounds

Uncontrolled monthly emissions = off line hours/month of the concentrator/RTO system recorded in d)(6) X 78.7 pounds VOC/hour* X 1 ton/2000 pounds

Total monthly actual emissions = Controlled monthly emissions + Uncontrolled monthly emissions

The permittee shall calculate the rolling, twelve-month VOC emissions as the sum of the VOC emissions from the current calendar month and the previous 11 calendar months.

* The emission factors are based upon testing conducted in September 2008 for K201 and P201. The factors are the additive average inlet VOC emission rate of 35.8 pounds/hour for K201 and 42.9 pounds/hour for P201 and the average outlet VOC emission rate of 7.14 pounds/hour for the K201 and P201 exhaust stack. The permittee shall use the emission factors from the most recent emissions test that demonstrated the emissions unit was in compliance for purposes of this calculation.

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13-03881]

b. Emission Limitations:

Particulate emissions (PE) shall not exceed 0.3 pound per hour and 1.2 tons per year as a rolling, twelve-month summation.

Applicable Compliance Method:

The PE limitations were established as follows:

E = Maximum coating solids usage rate (in pounds per hour) X (1 - TE) X (1 - CE);

Where:

E = Actual worst case PE rate, in pounds per hour

Maximum coating solids usage rate for all 82 spray booths = (21,550 gals paint/yr X 6.5 lbs PE/gal)/(8760 hrs/yr) = 15.99 lbs PE/hr

TE = Transfer efficiency, which is the ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used, expressed as a fraction (0.65)

CE = Control efficiency of the PE control equipment, expressed as a fraction (0.95)

Using the above equation, E = 0.3 lb PE/hr

Annual PE is estimated as: 0.3 lb PE/hr X (8760 hrs/yr)/(2000 lbs/ton) = 1.2 tons PE per year.

Therefore, the permittee may assume an emission rate from this emissions unit of 1.2 tons PE per year as a rolling, twelve-month summation.

If required, the permittee shall demonstrate compliance with applicable emission limitations through emission testing performed in accordance with 40 CFR Part 60, Appendix A, Methods 1-4 and 5.

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13-03881]

c. Emission Limitation:

Visible PE from the concentrator/RTO stack shall not exceed 5% opacity, as a 6-minute average.

Applicable Compliance Method:

If required, compliance shall be determined through visible emissions observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9 and the procedures specified in OAC rule 3745-17-03(B)(1).

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13-03881]

d. Emission Limitation:

There shall be no visible fugitive PE from this emissions unit.

Applicable Compliance Method:

If required, compliance shall be determined through visible emissions observations performed in accordance with 40 CFR Part 60, Appendix A, Method 22.

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13-03881]

e. Emission Limitation:

A minimum control efficiency of 90.0 percent by weight for VOC emissions or a maximum outlet VOC concentration of twenty parts per million by volume dry basis.

Applicable Compliance Method:

If required, compliance with the emissions limitation shall be determined in accordance with U.S. EPA Reference Methods 1-4 and 18, 25 or 25A, as applicable, of 40 CFR Part 60, Appendix A.

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13-03881]

(2) The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:

a. The emission testing shall be conducted 6 months after permit issuance and within 6 months prior to the permitexpiration.

b. The emission testing shall be conducted to demonstrate compliance with the allowable concentration of VOC in the exhaust stream or overall control efficiency limitation for VOC.

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

i. Methods 1-4 of 40 CFR Part 60 and;

ii. Method 18, 25 or 25 A, as applicable, of 40 CFR Part 60

Concurrent visible emissions observations at the concentrator/RTO stack shall be conducted during the emission testing in accordance with 40 CFR Part 60, Appendix A, Method 9 and the procedures specified in OAC rule 3745-17-03(B)(1).

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.

d. The test(s) shall be conducted under those representative conditions that challenge to the fullest extent possible a facility's ability to meet the applicable emissions limits and/or control requirements, unless otherwise specified or approved by the Cleveland DAQ. Although this generally consists of operating the emissions unit at its maximum material input/production rates and results in the highest emission rate of the tested pollutant, there may be circumstances where a lower emissions loading is deemed the most challenging control scenario. Failure to test under these conditions is justification for not accepting the test results as a demonstration of compliance.

e. Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Cleveland DAQ. 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 Cleveland DAQ's refusal to accept the results of the emission test(s).

f. Personnel from the Cleveland DAQ 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.

g. 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 Cleveland DAQ 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 Cleveland DAQ.

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13-03881]

g) Miscellaneous Requirements

(1) None.

2. P201, P201

Operations, Property and/or Equipment Description:

Paint manufacturing operations, controlled by four rotary concentrator wheels and a regenerative thermal oxidizer (RTO), a stand alone primary dust collector (600-DC-1 baghouse), and three dust collectors: 9-DC-1 baghouse, 19-DC-1 baghouse, and 21-DC-1 baghouse. P201 is located upstream of the four rotary concentrator wheels and a RTO.

a) The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

(1) d)(10), d)(11), d)(12), and d)(13).

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operations(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. 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(A)(3)	Volatile organic compounds (VOC) emissions shall not exceed 145.0 tons per year as a rolling, twelve-month summation for K201 and P201 combined. Particulate emissions (PE) (stack and fugitive combined) shall not exceed 1.4 pounds per hour* and 6.0 tons per year as a rolling, twelve-month summation*. *These emission limitations are based on the emissions unit's potential to emit, with controls. Therefore, no record keeping and/or reporting requirements are necessary to ensure compliance with these emission limitations. Visible PE from the concentrator RTO stack shall not exceed 5% opacity, as a 6-minute average. Visible PE from the primary dust collector (600-DC-1 baghouse) stack shall not exceed 5% opacity, as a 6-minute average. Visible fugitive PE shall not exceed 5%

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		opacity, as a 3-minute average. Natural gas combustion emissions from the burners serving the RTO shall not exceed: 0.07 lb VOC/hr*; 0.02 lb PE/hr*; 0.01 lb SO2/hr*; 1.20 lbsNOx/hr*; and 1.01 lbs CO/hr*. * This lbs/hr emission limitation is based on the emissions unit's potential to emit. Therefore, no record keeping and/or reporting requirements are necessary to ensure compliance with this emission limitation. The requirements of this rule also include compliance with the requirements of OAC rules 3745-21-09(MM)(2) and 3745-17-08(B).
b.	OAC rule 3745-21-09(MM)(2)	See b)(2)d. and b)(2)e. below.
c.	OAC rule 3745-17-07(A)(1)	The visible emission limitation specified by this rule is less stringent than the visible emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
d.	OAC rule 3745-17-11(B)	The hourly emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
e.	OAC rule 3745-17-07(B)(1)	The visible emission limitation specified by this rule is less stringent than the visible emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
f.	OAC rule 3745-17-08(B)	See b)(2)b. below.

g.	40 CFR Part 63, Subpart HHHHH	The permittee shall comply with the applicable requirements of 40 CFR Part 63, Subpart HHHHH (National Emission Standards for Hazardous Air Pollutants: Miscellaneous Coating Manufacturing) as specified in Section B.

(2) Additional Terms and Conditions

a. This emissions unit is considered to be "in operation" at any time during which any emissions unit(s) identified in Table 3: Paint Manufacturing Operations Emissions Units is in operation.

b. The permittee shall ensure that the dust collectors are operated with sufficient air volume to minimize or eliminate visible fugitive PE at the points of capture to the extent possible with good engineering design.

c. The permittee shall vent the PE from the paint manufacturing equipment listed below to the corresponding control device(s):

i. 9-M-1 Mixer, 9-M-6 Mixer, and 9-M-7 Mixer controlled by 9-DC-1 Baghouse which is exhausted to concentrator/RTO system;

ii. 19-M-01 Mixer, 19-M-02 Mixer, 19-M-03 Mixer, 19-M-04 Mixer, 19-M-05 Mixer, 19-M-06 Mixer, 19-M-08 Mixer, 19-M-09 Mixer, 19-M-10 Mixer, 19-M-11 Mixer, and 19-M-12 Mixer controlled by 19-DC-1 Baghouse which is exhausted to concentrator/RTO system;

iii. 21-M-01 Mixer controlled by 21-DC-1 Baghouse which is exhausted to concentrator/RTO system; and

iv. 600-PA-1 Pigment Assembly controlled by a stand alone primary dust collector 600-DC-1 Baghouse.

d. Except as otherwise provided in paragraph (MM)(4) of OAC rule 3745-21-09 (See b)(2)e. below), the VOC emissions from the equipment included within the paint manufacturing operations shall be vented either directly or by means of a building or local area exhaust to a control system that shall maintain compliance with any of the following requirements:

i. a minimum control efficiency of 98.0 percent by weight for the VOC emissions;

ii. a maximum outlet VOC concentration of twenty parts per million by volume dry basis; or

iii. a minimum incineration temperature of one thousand five hundred degrees Fahrenheit.

e. The requirements of OAC rule 3745-21-09 (MM)(2) shall not apply to any specific piece of equipment included within the paint manufacturing operations during the processing or use of a waterbased paint material in said equipment, provided the following three conditions are met:

i. the equipment is dedicated solely to the production of waterbased paint materials;

ii. the VOC content of each waterbased paint material is less than or equal to 12.0 percent VOC by weight as determined under paragraph (B) of OAC rule 3745-21-10; and

iii. any VOC emissions from the processing or use of the waterbased paint materials that are not vented to the control systems specified in paragraph (MM)(2) of OAC rule 3745-21-09(MM) are included (accounted for) in a permit to install issued by the Director after August 22, 1990 pursuant to OAC Chapter 3745-31. These permits to install are identified in Table A: List of Permits to Install Issued to PPG Industries Ohio, Inc., Cleveland, Ohio.

c) Operational Restrictions

(1) The average combustion temperature within the RTO, for any 3-hour block of time when the emissions unit is in operation, shall not be more than 50 degrees Fahrenheit below the average temperature during the most recent emissions test that demonstrated that the emissions unit was in compliance.

[Authority for term: OAC rule 3745-77-07(A)(1) and PTI #13-03881]

(2) The average temperature of the desorption air stream prior to the rotary concentrator wheels, for any 3-hour block of time when the emissions unit is in operation, shall not be more than 50 degrees Fahrenheit below the average desorption temperature during the most recent emissions test that demonstrated the emissions unit was in compliance.

[Authority for term: OAC rule 3745-77-07(A)(1) and PTI #13-03881]

(3) Any mixing or blending tank containing a paint material shall be equipped with a cover or lid that completely covers the opening of the tank, except for an opening no larger than necessary to allow for safe clearance for the mixer's shaft. Such tank shall be covered at all times in which the tank contains a paint material except when operator access is necessary to add ingredients or take samples.

[Authority for term: OAC rule 3745-77-07(A)(1) and PTI #13-03881]

(4) The permittee shall operate the PE control device(s) at all times when this emissions unit is in operation and pigment is being blended.

[Authority for term: OAC rule 3745-77-07(A)(1) and PTI #13-03881]

(5) The permittee shall burn only natural gas in the burners serving the RTO controlling this emissions unit.

[Authority for term: OAC rule 3745-77-07(A)(1) and PTI #13-03881]

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall operate and maintain continuous temperature monitors and recorders which measure and record the combustion temperature within the RTO and desorption temperature prior to the four rotary concentrator wheels when the emissions unit is in operation. Units shall be in degrees Fahrenheit. The monitoring and recording devices shall be capable of accurately measuring the desired parameter. The temperature monitor and recorder shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, with any modifications deemed necessary by the permittee. The permittee shall collect and record the following information for each day:

a. all 3-hour blocks of time during which the average combustion temperature within the RTO, when the emissions unit was in operation, was more than 50 degrees Fahrenheit below the average temperature maintained during the most recent emissions test that demonstrated the emissions unit to be in compliance;

b. all 3-hour blocks of time during which the average temperature of the desorption air stream prior to the four rotary concentrator wheels, when the emissions unit was in operation, was more than 50 degrees Fahrenheit below the average desorption temperature maintained during the most recent emissions test that demonstrated the emissions unit to be in compliance; and

c. a log of the downtime for the capture (collection) system, control device, and monitoring equipment when the associated emissions unit was in operation.

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13-03881]

(2) For any specific equipment included within the paint manufacturing operations, for which the permittee claims an exemption from the requirements of paragraph (MM)(2) of OAC rule 3745-21-09, pursuant to paragraph (MM)(4) of OAC rule 3745-21-09, the permittee shall keep daily records of the periods of time during which there is no activity at said equipment.

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13-03881]

(3) The permittee shall maintain daily records that document any time periods when the PE control device(s) were not in service when the emissions unit was in operation and pigment was being blended.

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13-03881]

(4) The permittee shall perform weekly checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the concentrator/RTO stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:

a. the color of the emissions;

b. the total duration of any visible emission incident; and

c. any corrective actions taken to eliminate the visible emissions.

If the weekly checks show no visible emissions for 12 consecutive weeks, the required frequency of visible emissions checks may be reduced to monthly (once per month, when the emissions unit is in operation). If a subsequent check indicates visible emissions, the frequency of visible emissions checks shall revert to weekly until such time as there are 12 consecutive weeks of no visible emissions.

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13-03881]

(5) The permittee shall perform weekly checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the primary dust collector, 600-DC-1 stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:

a. the color of the emissions;

b. the total duration of any visible emission incident; and

c. any corrective actions taken to eliminate the visible emissions.

If the weekly checks show no visible emissions for 12 consecutive weeks, the required frequency of visible emissions checks may be reduced to monthly (once per month, when the emissions unit is in operation). If a subsequent check indicates visible emissions, the frequency of visible emissions checks shall revert to weekly until such time as there are 12 consecutive weeks of no visible emissions.

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13-03881]

(6) The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible emissions of fugitive dust from the egress points (i.e., building windows, doors, roof monitors, etc.) serving this emissions unit. The presence or absence of any visible fugitive emissions shall be noted in an

operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:

a. the color of the emissions;

b. the total duration of any visible emission incident; and

c. any corrective actions taken to eliminate the visible emissions.

If the weekly checks show no visible emissions for 12 consecutive weeks, the required frequency of visible emissions checks may be reduced to monthly (once per month, when the emissions unit is in operation). If a subsequent check indicates visible emissions, the frequency of visible emissions checks shall revert to weekly until such time as there are 12 consecutive weeks of no visible emissions.

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13-03881]

(7) The permittee shall maintain monthly records of the operating hours (on line time) and the downtime (off line time) of the concentrator/RTO system while the emissions unit was in operation.

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13-03881]

(8) The permittee shall maintain monthly records of the hours of operation of this emissions unit.

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13-03881]

(9) The permittee shall maintain monthly records of the rolling, twelve-month VOC emissions, in tons, for K201 and P201 combined.

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13-03881]

(10) Air Toxic Policy Clarifying Language

The permit to install for this emissions unit (P201) was evaluated based on the actual materials and the design parameters of the emissions unit's exhaust system, as specified by the permittee in the permit to install application. The Ohio EPA's Review of New Sources of Air Toxic Emissions policy ("Air Toxic Policy") was applied to this emissions unit for each toxic pollutant, using data from the permit to install application, and modeling was performed for the toxic pollutant(s) emitted at over a ton per year using the SCREEN 3.0 model or other Ohio EPA approved model. The predicted 1-hour maximum ground-level concentration result(s) from the use of the SCREEN 3.0 (or other approved) model, was compared to the Maximum Acceptable Ground-Level Concentration (MAGLC), calculated as required in Engineering Guide #70. The following summarizes the results of the modeling for the “worst case” pollutant(s):

a. Pollutant: Xylene

TLV (mg/m3): 434.233

Maximum Hourly Emission Rate (pounds/hour): 33.11

Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 61.56

MAGLC (ug/m3): 10,339

b. Pollutant: N-butyl Acetate

TLV (mg/m3): 712.638

Maximum Hourly Emission Rate (pounds/hour): 33.11

Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 61.56

MAGLC (ug/m3): 16,968

c. Pollutant: Methyl ethyl ketone

TLV (mg/m3): 589.851

Maximum Hourly Emission Rate (pounds/hour): 33.11

Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 61.56

MAGLC (ug/m3): 14,044

d. Pollutant: Di-isobutyl ketone

TLV (mg/m3): 145.440

Maximum Hourly Emission Rate (pounds/hour): 33.11

Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 61.56

MAGLC (ug/m3): 3,463

e. Pollutant: Ethanol

TLV (mg/m3): 1,884.254

Maximum Hourly Emission Rate (pounds/hour): 33.11

Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 61.56

MAGLC (ug/m3): 44,863

f. Pollutant: Methyl isobutyl ketone

TLV (mg/m3): 204.826

Maximum Hourly Emission Rate (pounds/hour): 33.11

Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 61.56

MAGLC (ug/m3): 4,877

g. Pollutant: Methanol

TLV (mg/m3): 262.09

Maximum Hourly Emission Rate (pounds/hour): 33.11

Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 61.56
MAGLC (ug/m3): 6,240.24

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13-03881]

(11) Physical changes to or changes in the method of operation of the emissions unit after its installation or modification could affect the parameters used to determine whether or not the “Air Toxic Policy” is satisfied. Consequently, prior to making a change that could impact such parameters, the permittee shall conduct an evaluation to determine that the “Air Toxic Policy” will still be satisfied. If, upon evaluation, the permittee determines that the “Air Toxic Policy” will not be satisfied, the permittee will not make the change. Changes that can affect the parameters used in applying the “Air Toxic Policy” include the following:

a. changes in the composition of the materials used or the use of new materials, that would result in the emission of a compound or chemical with a lower Threshold Limit Value (TLV) than the lowest TLV previously modeled, as documented in the most current version of the American Conference of Governmental Industrial Hygienists’ (ACGIH’s) handbook entitled "TLVs and BEIs" ("Threshold Limit Values for Chemical Substances and Physical Agents, Biological Exposure Indices");

b. changes in the composition of the materials, or use of new materials, that would result in an increase in emissions of any pollutant with a listed TLV that was proposed in the application and modeled; and

c. physical changes to the emissions unit or its exhaust parameters (e.g., increased/ decreased exhaust flow, changes in stack height, changes in stack diameter, etc.).

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13-03881]

(12) If the permittee determines that the "Air Toxic Policy" will be satisfied for the above changes, the Ohio EPA will not consider the change(s) to be a "modification" under OAC rule 3745-31-01 solely due to the emissions of any type of toxic air contaminant not previously emitted, and a modification of the existing permit to install will not be required, even if the toxic air contaminant emissions are greater than the de minimis level in OAC rule 3745-15-05. If the change(s) meet(s) the definition of a "modification" under other provisions of the rule, then the permittee shall obtain a final permit to install prior to the change.

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13-03881]

(13) The permittee shall collect, record, and retain the following information when it conducts evaluations to determine that the changed emissions unit will still satisfy the “Air Toxic Policy”:

a. a description of the parameters changed (composition of materials, new pollutants emitted, change in stack/exhaust parameters, etc.);

b. documentation of its evaluation and determination that the changed emissions unit still satisfies the Air Toxic Policy; and

c. where computer modeling is performed, a copy of the resulting computer model runs that show the results of the application of the “Air Toxic Policy” for the change.

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13-03881]

e) Reporting Requirements

(1) The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than natural gas was burned in the burners serving the RTO controlling this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13-03881]

(2) The permittee shall notify the Cleveland DAQ in writing of any record showing that the PE control device(s) were not in service when the associated paint manufacturing equipment was in operation and pigment was being blended. The notification shall include a copy of such record and shall be sent to the Cleveland DAQ within 30 days after the event occurs.

[Authority for term: OAC rule 3745-77-07(C)(1)and PTI #13-03881]

(3) The permittee shall submit quarterly temperature deviation (excursion) reports that identify all 3-hour blocks of time (when the emissions unit was in operation) during which:

a. the average combustion temperature within the RTO was more than 50 degrees Fahrenheit below the average temperature during the most recent emissions test that demonstrated the emissions unit was in compliance; and

b. the average temperature of the desorption air stream prior to the rotary concentrator wheels was more than 50 degrees Fahrenheit below the average desorption temperature during the most recent emissions test that demonstrated the emissions unit was in compliance.

[Authority for term: OAC rule 3745-77-07(C)(1)and PTI #13-03881]

(4) The permittee shall submit quarterly deviation (excursion) reports that identify each month during which the VOC emission rate exceeded the limitation in b)(1).

[Authority for term: OAC rule 3745-77-07(C)(1)and PTI #13-03881]

(5) Except as otherwise provided in paragraph (MM)(4) of OAC rule 3745-21-09 (see b)(2)e.), the permittee shall submit quarterly deviation (excursion) reports that identify all periods of time during which the concentrator/RTO system was not in service when the emissions unit was in operation.

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13-03881]

(6) The quarterly deviation (excursion) reports shall be submitted in accordance with the Standard Terms and Conditions of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13-03881]

(7) The permittee shall submit semiannual written reports that (a) identify all days during which any visible PE were observed from the concentrator/RTO stack serving this emissions unit and (b) describe any corrective actions taken to eliminate the visible PE. These reports shall be submitted to the Cleveland DAQ by January 31 and July 31 of each year and shall cover the previous six-month period.

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13-03881]

(8) The permittee shall submit semiannual written reports that (a) identify all days during which any visible PE were observed from the from the primary dust collector, 600-DC-1 stack serving this emissions unit and (b) describe any corrective actions taken to eliminate the visible PE. These reports shall be submitted to the Cleveland DAQ by January 31 and July 31 of each year and shall cover the previous six-month period.

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13-03881]

(9) The permittee shall submit semiannual written reports that (a) identify all days during which any visible fugitive emissions were observed from the egress points of the buildings serving this emissions unit where powdered raw materials are transferred into process equipment and (b) describe any corrective actions taken to eliminate the visible fugitive emissions. These reports shall be submitted to the Cleveland DAQ by January 31 and July 31 of each year and shall cover the previous six-month period.

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13-03881]

f) Testing Requirements

(1) Compliance with the emission limitations in b)(1) of these terms and conditions shall be determined in accordance with the following methods:

a. Emission Limitation:

VOC emissions shall not exceed 145.0 tons per year as a rolling, twelve-month summation for K201 and P201 combined.

Applicable Compliance Method:

The permittee shall calculate the combined monthly VOC emissions from K201 and P201 as follows:

Controlled monthly emissions = on line hours/month of the concentrator/RTO system recorded in d)(7) X 7.1 pounds VOC/hour* X 1 ton/2000 pounds

Uncontrolled monthly emissions = off line hours/month of the concentrator/RTO system recorded in d)(7) X 78.7 pounds VOC/hour* X 1 ton/2000 pounds

Total monthly actual emissions = Controlled monthly emissions + Uncontrolled monthly emissions

The permittee shall calculate the rolling, twelve-month VOC emissions as the sum of the VOC emissions from the current calendar month and the previous 11 calendar months.

* These emission factors are based upon testing conducted in September 2008 for K201 and P201. The factors are the additive average inlet VOC emission rate of 35.8 pounds/hour for K201 and 42.9 pounds/hour for P201 and the average outlet VOC emission rate of 7.1 pounds/hour for the K201 and P201 exhaust stack. The permittee shall use the emission factors from the most recent emissions test that demonstrated the emissions unit was in compliance for purposes of this calculation.

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13-03881]

b. Emission Limitations:

Particulate emissions (PE) (stack and fugitive combined) shall not exceed 1.4 pounds per hour and 6.0 tons per year as a rolling, twelve-month summation.

Applicable Compliance Method:

The PE limitations were established as follows:

Actual, worst case annual PE rate (stack and fugitive combined) = (Maximum annual pigment usage) X (0.01 pound PE/pound pigment*) X (1-0.99**) X (1 ton/2000 pounds) + (Maximum annual pigment usage) X (0.01 pound PE/pound pigment*) X (1- 0.995***) X (1 ton/2000 pounds) = tons PE/year

Where:

Maximum annual pigment usage = 80,000,000 pounds/year

*The emission factor in USEPA's Compilation of Air Pollutant Emission Factors, AP-42, Fifth Edition, Section 6.4, Table 6.4-1, Uncontrolled Emission Factors for Paint and Varnish Manufacturing, (5/83) for PE is 20 pounds PE per ton pigment or 1% loss (equivalent to 1 pound PE per 100 pounds pigment or 0.01 pound PE/pound pigment).

**estimated control efficiency of the PE control device(s), expressed as a fraction

***estimated PE capture efficiency of the PE control device(s), expressed as a fraction

Using the above equation, the PE rate (stack and fugitive combined) = 6.0 tons PE per year.

Therefore, the permittee may assume an emission rate from this emissions unit of 6.0 tons PE per year as a rolling, twelve-month summation.

The lbs PE/hr emission limitation was established as follows: (6.0 tons PE per year) X (2000 pounds/ton) X (1 year/8760 hours) = 1.4 pounds per hour

If required, the permittee shall demonstrate compliance with applicable emission limitations through emission testing performed in accordance with 40 CFR Part 60, Appendix A, Methods 1-4 and 5.

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13-03881]

c. Emission Limitation:

Visible PE from the concentrator/RTO stack shall not exceed 5% opacity, as a 6-minute average.

Applicable Compliance Method:

If required, compliance shall be determined through visible emissions observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9 and the procedures specified in OAC rule 3745-17-03(B)(1).

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13-03881]

d. Emission Limitation:

Visible PE from the primary dust collector (600-DC-1 baghouse) stack shall not exceed 5% opacity, as a 6-minute average.

Applicable Compliance Method:

If required, compliance shall be determined through visible emissions observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9 and the procedures specified in OAC rule 3745-17-03(B)(1).

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13-03881]

e. Emission Limitation:

Visible fugitive PE shall not exceed 5% opacity, as a 3-minute average.

Applicable Compliance Method:

If required, compliance shall be determined through visible emissions observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9 and the procedures specified in OAC rule 3745-17-03(B)(3).

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13-03881]

(2) The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:

a. The emission testing shall be conducted 6 months after permit issuance and within 6 months prior to the permitexpiration.

b. The emission testing shall be conducted to demonstrate compliance with the allowable concentration of VOC in the exhaust stream, overall control efficiency limitation for VOC or the minimum incinerations temperature of one thousand five hundred degrees Fahrenheit.

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

i. Method 1-4 of 40 CFR Part 60; and

ii. Method 18, 25 or 25A, as applicable, of 40 CFR Part 60

Concurrent visible emissions observations at the concentrator/RTO stack shall be conducted during the emission testing in accordance with 40 CFR Part 60, Appendix A, Method 9 and the procedures specified in OAC rule 3745-17-03(B)(1).

Concurrent visible emissions observations at the primary dust collector stack shall be conducted during the emission testing in accordance with 40CFR Part 60, Appendix A, Method 9 and the procedures specified in OAC rule 3745-17-03(B)(1).

Concurrent visible fugitive emissions observations at the building egress points of the buildings serving this emissions unit where powdered raw materials are transferred into process equipment shall be conducted during the emission testing in accordance with 40 CFR Part 60, Appendix A, Method 9 and the procedures specified in OAC rule 3745-17-03(B)(3).

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.

d. The test(s) shall be conducted under those representative conditions that challenge to the fullest extent possible a facility's ability to meet the applicable emissions limits and/or control requirements, unless otherwise specified or approved by the Cleveland DAQ. Although this generally consists of operating the emissions unit at its maximum material input/production rates and results in the highest emission rate of the tested pollutant, there may be circumstances where a lower emissions loading is deemed the most challenging control scenario. Failure to test under these conditions is justification for not accepting the test results as a demonstration of compliance.

e. Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Cleveland DAQ. 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 Cleveland DAQ's refusal to accept the results of the emission test(s).

f. Personnel from the Cleveland DAQ 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.

g. 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 Cleveland DAQ 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 Cleveland DAQ.

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13-03881]

g) Miscellaneous Requirements

(1) None.

3. P202, P202

Operations, Property and/or Equipment Description:

Dedicated waterbased paint production equipment as defined in OAC rule 3745-21-09(MM)(4).

a) The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

(1) d)(3).

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operations(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. 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(A)(3)	Volatile organic compounds (VOC) emissions shall not exceed 5.0 tons per year as a rolling, twelve-month summation. The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-09(MM)(4).
b.	OAC rule 3745-21-09(MM)(4)	See b)(2)a. below.
c.	40 CFR Part 63, Subpart HHHHH	The permittee shall comply with the applicable requirements of 40 CFR Part 63, Subpart HHHHH (National Emission Standards for Hazardous Air Pollutants: Miscellaneous Coating Manufacturing) as specified in Section B.

(2) Additional Terms and Conditions

a. The requirements of paragraphs (MM)(2) and (MM)(3) of OAC rule 3745-21-09(MM) shall not apply to any specific piece of equipment included within the paint manufacturing operations or the paint laboratory operations during the processing or use of a waterbased paint material in said equipment, provided the following three conditions are met:

i. the equipment is dedicated solely to the production of waterbased paint materials;

ii. the VOC content of each waterbased paint material is less than or equal to 12.0 percent VOC by weight as determined under paragraph (B) of OAC rule 3745-21-10; and

iii. any VOC emissions from the processing or use of the waterbased paint materials that are not vented to the control systems specified in paragraphs (MM)(2) and (MM)(3) of OAC rule 3745-21-09(MM) are included (accounted for) in a permit to install issued by the Director after August 22, 1990 pursuant to OAC Chapter 3745-31. These permits to install are identified in Table A: List of Permits of Install Issued to PPG Industries Ohio, Inc., Cleveland, Ohio.

c) Operational Restrictions

(1) None.

d) Monitoring and/or Recordkeeping Requirements

(1) For any specific piece of equipment included within the paint manufacturing operations or the paint laboratory operations, for which the owner or operator claims an exemption from the requirements of paragraphs (MM)(2) and (MM)(3) of OAC rule 3745-21-09(MM), pursuant to paragraph (MM)(4) of OAC rule 3745-21-09(MM), the permittee shall keep daily records of the following information:

a. the periods of time during which there is no production activity or laboratory activity; and

b. the VOC content of the waterbased paint material (in per cent VOC by weight), and if applicable, the application number for the permit to install which authorizes the use of the waterbased paint materials.

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13-03881]

(2) The permittee shall maintain records of the monthly and the rolling, twelve-month VOC emissions from this emissions unit, in tons.

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13-03881]

(3) Modeling to demonstrate compliance with the Ohio EPA's "Air Toxic Policy" was not necessary because the emissions unit's maximum annual emissions for each toxic compound will be less than 1.0 ton. OAC Chapter 3745-31 requires permittees to apply for and obtain a new or modified permit to install 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 pollutant that has a listed TLV to increase to above 1.0 ton per year may require the permittee to apply for and obtain a new permit to install.

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13-03881]

e) Reporting Requirements

(1) The permittee shall submit quarterly deviation (excursion) reports that include the following information:

a. An identification of each day during which the VOC content of the waterbased paint material (in percent VOC by weight) for any specific piece of equipment included within the paint manufacturing operations or the paint laboratory operations, for which the owner or operator claims an exemption from the requirements of paragraphs (MM)(2) and (MM)(3) of OAC rule 3745-21-09(MM), exceeded 12.0 percent and the actual VOC content of the waterbased paint material for each such day.

b. An identification of each month during which the VOC emissions exceeded the limitation in b)(1).

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13-03881]

(2) The deviation (excursion) reports shall be submitted in accordance with the Standard Terms and Conditions of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13-03881]

f) Testing Requirements

(1) Compliance with the emission limitations in b)(1) of these terms and conditions shall be determined in accordance with the following methods:

a. <u>Emission Limitation:</u>

VOC emissions shall not exceed 5.0 tons per year as a rolling, twelve-month summation.

<u>Applicable Compliance Method:</u>

The VOC emissions from the dedicated waterbased paint production equipment shall be determined using the most recent version of USEPA's TANKS Program and the information contained in the following table.

Dimensions and Content Information for Emissions Unit P202: Process Tanks - for VOC Emission Calculation Purposes During Paint Production						
Company ID	Nominal Capacity, gallons	Diameter of tank or equivalent, feet	Height of tank, feet	Location of tank	Molecular weight of content of tank	Vapor pressure of content of tank, psia
22-T-48	6,000	10	10	Indoor	100	0.4
22-T-49	4,200	10	7.2	Indoor	100	0.4
22-T-50	4,000	10	6.8	Indoor	100	0.4
22-T-51	5,000	10	8.5	Indoor	100	0.4
22-T-52	5,000	10	8.5	Indoor	100	0.4
22-T-53	5,000	10	8.5	Indoor	100	0.4
22-T-54	5,000	10	8.5	Indoor	100	0.4
22-T-55	5,000	10	8.5	Indoor	100	0.4
22-T-56	20,000	12	24	Indoor	100	0.4
22-T-57	20,000	12	24	Indoor	100	0.4
22-T-63	20,000	12	24	Indoor	100	0.4
22-T-67	6,000	10	10	Indoor	100	0.4
22-T-69	6,000	10	10	Indoor	100	0.4
22-T-71	5,000	10	8.5	Indoor	100	0.4
22-T-72	5,000	10	8.5	Indoor	100	0.4
22-T-73	15,000	11.5	19	Indoor	100	0.4
22-T-74	15,000	11.5	19	Indoor	100	0.4

Dimensions and Content Information for Emissions Unit P202: Process Tanks - for VOC Emission Calculation Purposes During Process Tank Cleaning						
Company ID	Nominal Capacity, gallons	Diameter of tank or equivalent, feet	Height of tank, feet	Location of tank	Molecular weight of content of tank	Vapor pressure of content of tank, psia
22-T-48	6,000	10	10	Indoor	72	2.1
22-T-49	4,200	10	7.2	Indoor	72	2.1

22-T-50	4,000	10	6.8	Indoor	72	2.1
22-T-51	5,000	10	8.5	Indoor	72	2.1
22-T-52	5,000	10	8.5	Indoor	72	2.1
22-T-53	5,000	10	8.5	Indoor	72	2.1
22-T-54	5,000	10	8.5	Indoor	72	2.1
22-T-55	5,000	10	8.5	Indoor	72	2.1
22-T-56	20,000	12	24	Indoor	72	2.1
22-T-57	20,000	12	24	Indoor	72	2.1
22-T-63	20,000	12	24	Indoor	72	2.1
22-T-67	6,000	10	10	Indoor	72	2.1
22-T-69	6,000	10	10	Indoor	72	2.1
22-T-71	5,000	10	8.5	Indoor	72	2.1
22-T-72	5,000	10	8.5	Indoor	72	2.1
22-T-73	15,000	11.5	19	Indoor	72	2.1
22-T-74	15,000	11.5	19	Indoor	72	2.1

The permittee shall calculate the monthly VOC emissions as the sum of the VOC emissions from the current calendar month and the previous 11 calendar months.

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13-03881]

b. Emission Limitation:

The VOC content of each waterbased paint material is less than or equal to 12.0 percent VOC by weight

Applicable Compliance Method:

Compliance shall be demonstrated based on the record keeping in d)(1).

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI #13-03881]

g) Miscellaneous Requirements

(1) None.

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Table A: List of Permits of Install Issued to PPG Industries Ohio, Inc., Cleveland, Ohio

#	PTI #	Fee paid, $	Issued / effective dates of permit to install	Former OEPA EU#s (emissions unit description)	No. of OEPA EU#	Items in EU#
1	13-0153	$130	Issued 6/13/1975; Effective on 7/28/1975	B006 & B007 (two steam boilers)	2	2
2	13-0462	$1,680	Issued 10/18/1978; Effective on 12/2/1978	P002, P019, P029, P030, P031, K005 (formerly R011), T031, T032, T033, T034, T035, T036, T037, T038, T039, T040, T041, T042. (18 processes and 12 storage tanks)	18	30
3	13-0903	$200	Issued & effective on 5/10/1982	P017 (4 cleaning booths and 1 condenser)	1	4
4	13-0936	$400	Issued & effective 4/13/1982	K001 & R010 (2 paint booths and 1 drying oven)	2	3
5	13-0975	$1,000	Issued & effective on 1/7/1983	P024, P025, P026, P027 & P028 (5 grinding mills)	5	5
6	13-0982	$400	Issued & effective 11/20/1984	P022 & P023 (1 tank cleaning booth and 1 mix tank)	2	2
7	13-1023	$200	Issued & effective 11/7/1984	P021 (1 tote cleaning rack)	1	1
8	13-1112	$1,185	Issued & Issued & effective on 7/7/1983	P043, P044, P045 & P046 (14 thinning & tinting tanks, 2 mills, 3 attritors& 5 agitators)	4	24
9	13-1113	$5,315	Issued & effective on 11/3/1983	K002, K003, K005, P034, P035, P038, P040, P041, P042, T043,	26	82

#	PTI #	Fee paid, $	Issued / effective dates of permit to install	Former OEPA EU#s (emissions unit description)	No. of OEPA EU#	Items in EU#
				T044, T045, T046, T047, T048, T049, T050, T051, T052, T053, T054, T119, T123, T124, T125 & T126 (6 paint booths, 14 drying ovens, 9 mixers, 19 agitators, 11 batch tanks, 1 washer tank, 17 storage tanks, 3 mills, 1 weigh scale and 1 coating line.)		
10	13-1132	$200	Issued & effective on 1/31/1984	K007 (5 paint booths and 4 drying ovens)	1	9
11	13-1219	$400	Issued & effective on 5/23/1984	P047 & P048 (2 agitators & 2 drying ovens)	2	4
12	13-1244	$400	Issued & effective on 8/15/1984	P050 & P051 (6 pump cleaning stations and 1 lab oven)	2	7
13	13-1245	$595	Issued & effective on 3/24/1984	B008, P052, P053 (1 steam boiler and 2 drying ovens)	3	3
14	13-1262	$200	Issued & effective on 7/25/1984	P054 (4 tote cleaning stations)	1	4
15	13-1267	$400	Issued & effective on 8/15/1984	P055 & P056 (3 lab ovens)	2	3

16	13-1268	$200	Issued & effective on 6/20/1984	K008 (36 paint booths & 41 drying ovens in Building 46A)	1	77
17	13-1280	$600	Issued & effective on 8/15/1984	P057, P059, P083 (2 mills and 3 lab ovens)	3	5
18	13-1337	$400	Issued & effective on 12/5/1984	P060 & P061	2	2
19	13-1341 mod	$585	Issued & effective on 2/13/1985	P002 (2 storage tanks)	1	2
20	13-1419	$200	Issued & effective on 7/3/1985	P066 (1 curing oven)	1	1
21	13-1422	$200	Issued & effective on 8/14/1985	P067 (1 agitator)	1	1
22	13-1451	$200	Issued & effective on 10/9/1985	P068 (pneumatic collection system)	1	1
23	13-1469	$400	Issued & effective on 12/11/1985	P069 & P070 (6 curing ovens and 1 bag slitter)	2	7
24	13-1486	$200	Issued & effective on 1/8/1986	P071 (2 curing ovens)	1	2
25	13-1502	$200	Issued & effective on 1/15/1986	P072 (1 mill)	1	1
26	13-1539	$200	Issued & effective on 5/14/1986	K009 (1 curing oven)	1	1
27	13-1541	$200	Issued & effective on 5/2/1986	P074 (1 agitator)	1	1
28	13-1579	$200	Issued & effective on 7/23/1986	P075 (1 curing oven)	1	1

29	13-1642 mod	$200	Issued & effective on 5/31/1988	P071 (2 additional curing ovens)	1	1
30	13-1682	$200	Issued & effective on 2/25/1987	P077 (1 attritor mill)	1	1
31	13-1690	$200	Issued & effective on 4/8/1987	K010 (2 paint booths)	1	2
32	13-1702	$200	Issued & effective on 6/24/1987	K011 (7 lab ovens)	1	7
33	13-1745	$200	Issued & effective on 10/7/1987	P082 (1 curing oven)	1	1
34	13-1809	$200	Issued & effective on 3/7/1990	K015 (3 paint booths and 5 lab ovens)	1	8
35	13-1826	$585	Issued & effective on 3/7/1990	P084 & T134 (1 mixer and 1 storage tank)	2	2
36	13-1929	$390	Issued & effective on 3/14/1990	P085 (1 mill)	1	1
37	13-2050	$590	Issued & effective on 3/28/1990	K018 & P087 (4 ovens and 1 mill)	2	5
38	13-2054	$400	Issued & effective on 3/28/1990	K019 & P088 (2 paint booths, 3 ovens and 4 agitators)	2	9
39	13-2064	$50	Issued & effective on 4/18/1990	B009 (steam boiler)	1	1
40	13-2111	$200	Issued & effective on 9/26/1990	P089 (1 mill)	1	1
41	13-2131	$200	Issued & effective on 9/26/1990	K020 (1 paint booth and 2 ovens)	1	3
42	13-2179*	$585	Issued & effective on 5/30/1991	P090 (water borne paint production)	1	1

43	13-2296	$195	Issued & effective on 10/9/1991	T135 (1 storage tank)	1	1
44	13-2429	$195	Issued & effective on 2/26/1992	T136 (1 waste storage tank)	1	1
45	13-2451	$195	Issued & effective on 3/18/1992	T137 (1 waste storage tank)	1	1
46	13-2456	$195	Issued & effective on 3/18/1992	T138 (1 resin storage tank)	1	1
47	13-2472	$390	Issued & effective on 5/13/1992	T139 & T140 (two waste storage tanks)	2	2
48	13-2495 mod*	$780	Issued & effective on 9/23/1992	P003 (16 water borne paint batch tanks)	1	16
49	13-2660	$245	Issued & effective on 6/23/1993	B010 &T141 (1 snow melter and 1 oil storage tank)	2	2
50	13-3194	$800	Issued & effective on 7/9/1997	P134 (2 processes)	1	2
		$23,685			116	354

* The VOC emissions from the processing or use of the waterbased paint materials that are not vented to the control systems specified in paragraphs (MM)(2) and (MM)(3) of OAC rule 3745-21-09(MM) are included (accounted for) in this permit to install issued by the Director after August 22, 1990 pursuant to OAC Chapter 3745-31.

Table 1: Non-Insignificant Emissions Units

The non-insignificant emissions units included in this permit to install (PTI 13-03881) are specified in the following table

	Emissions Unit ID	Emissions Unit Description
1	K201	Paint laboratory operations (see Table 2: Paint Laboratory Operations Emissions Units), controlled by a water curtain or dry filtration systems located upstream of four rotary concentrator wheels and a regenerative thermal oxidizer (RTO)
2	P201	Paint manufacturing operations (see Table 3: Paint Manufacturing Operations Emissions Units), controlled by four rotary concentrator wheels and a RTO , a stand alone primary dust collector (600-DC-1 baghouse) and three dust collectors: 9-DC-1 baghouse, 19-DC-1 baghouse, and 21-DC-1 baghouse. P201 is located upstream of the four rotary concentrator wheels and a RTO
3	P202	Dedicated waterbased paint production equipment as defined in OAC rule 3745-21-09(MM)(4) (see Table 4: Dedicated Waterbased Paint Production Equipment)

Table 2: Paint Laboratory Operations Emissions Units (K201)
As specified in OAC rule 3745-21-09(MM)(1), the paint laboratory operations under OAC rule 3745-21-09(MM)(3) include the following equipment for the processing or use of solvent based or waterbased paint materials: paint spray booths and associated ovens within the paint manufacturing quality control laboratory and the paint research laboratory.

#	Building Location	Equipment Number	Equipment Type
1	4	4-O-01	Lab Oven
2	4	4-O-02	Lab Oven
3	4	4-O-03	Lab Oven
4	4	4-O-04	Lab Oven
5	4	4-O-05	Lab Oven
6	4	4-O-06	Lab Oven
7	4	4-O-07	Lab Oven
8	4	4-O-08	Lab Oven
9	4	4-O-09	Lab Oven
10	4	4-O-10	Lab Oven
11	4	4-O-11	Lab Oven
12	4	4-SB-1	Spraybooth

#	Building Location	Equipment Number	Equipment Type
13	4	4-SB-5	Spraybooth
#	Building Location	Equipment Number	Equipment Type
14	4	4-SB-6	Spraybooth
15	5	5-O-1	Lab Oven
16	5	5-O-13	Lab Oven
17	5	5-O-14	Lab Oven
18	5	5-O-15	Lab Oven
19	5	5-O-2	Lab Oven
20	5	5-O-3	Lab Oven
21	5	5-O-4	5-O-4 Lab Oven
22	5	5-O-5	5-O-5 Lab Oven
23	5	5-SB-1	Spraybooth
24	5	5-SB-2	Spraybooth
25	5	5-SB-3	Spraybooth
26	5	5-SB-4	Spraybooth

27	5	5-SB-5	Spraybooth
28	6A	6A-O-1	Lab Oven
#	Building Location	Equipment Number	Equipment Type
29	6A	6A-O-2	Lab Oven
30	6A	6A-O-3	Lab Oven
31	6A	6A-O-4	Lab Oven
32	6A	6A-SB-6	Spraybooth
33	6A	6A-SB-7	Spraybooth
34	22D	22D-SB-1	Spraybooth
35	46	46-0-B02-O-12	Lab Oven
36	46	46-0-B02-O-13	Lab Oven
37	46	46-0-B02-O-14	Lab Oven
38	46	46-0-B02-O-16	Lab Oven
39	46	46-0-B02-SB-05	Spraybooth
40	46	46-0-B02-SB-07	Spraybooth
41	46	46-0-B02-SB-09	Spraybooth

42	46	46-0-B02-SB-10	Spraybooth
43	46	46-0-B04-O-01	Lab Oven
#	Building Location	Equipment Number	Equipment Type
44	46	46-0-B04-O-02	Lab Oven
45	46	46-0-B04-O-17	Lab Oven
46	46	46-0-B04-O-19	Lab Oven
47	46	46-0-B04-SB-01	Spraybooth
48	46	46-0-B04-SB-02	Spraybooth
49	46	46-0-B08-O-2	Lab Oven
50	46	46-0-B08-O-4	Lab Oven
51	46	46-0-B15-O-10	Lab Oven
52	46	46-0-B15-O-11	Lab Oven
53	46	46-0-B15-O-09	Lab Oven
54	46	46-0-B15-SB-03	Spraybooth
55	46	46-0-B15-SB-08	Spraybooth
56	46	46-0-B17-O-05	Lab Oven

57	46	46-0-B17-O-06	Lab Oven
58	46	46-0-B17-O-07	Lab Oven
59	46	46-0-B17-O-08	Lab Oven
#	Building Location	Equipment Number	Equipment Type
60	46	46-0-B17-SB-04	Spraybooth
61	46	46-0-B17-SB-06	Spraybooth
62	46	46-1-101-O-06	Lab Oven
63	46	46-1-101-O-07	Lab Oven
64	46	46-1-101-O-08	Lab Oven
65	46	46-1-101-SB-06	Spraybooth
66	46	46-1-103-SB-04	Spraybooth
67	46	46-1-103-SB-05	Spraybooth
68	46	46-1-105-O-01	Lab Oven
69	46	46-1-105-O-03	Lab Oven
70	46	46-1-105-O-04	Lab Oven
71	46	46-1-105-O-05	Lab Oven

72	46	46-1-105-O-09	Lab Oven
73	46	46-1-105-SB-03	Spraybooth
74	46	46-1-108-O-02	Lab Oven
#	Building Location	Equipment Number	Equipment Type
75	46	46-1-108-SB-01	Spraybooth
76	46	46-1-108-SB-02	Spraybooth
77	46	46-206-2-206-O-07	Lab Oven
78	46	46-2-201-O-14	Lab Oven
79	46	46-2-201-O-15	Lab Oven
80	46	46-2-201-O-16	Lab Oven
81	46	46-2-201-SB-09	Spraybooth
82	46	46-2-202-SB-08	Spraybooth
83	46	46-2-203-O-10	Lab Oven
84	46	46-2-203-O-11	Lab Oven
85	46	46-2-203-O-12	Lab Oven
86	46	46-2-203-O-13	Lab Oven

87	46	46-2-203-SB-05	Spraybooth
88	46	46-2-203-SB-06	Spraybooth
89	46	46-2-205-O-08	Lab Oven
#	Building Location	Equipment Number	Equipment Type
90	46	46-2-205-O-09	Lab Oven
91	46	46-2-208-O-20	Lab Oven
92	46	46-2-208-O-21	Lab Oven
93	46	46-2-208-O-22	Lab Oven
94	46	46-2-208-SB-13	Spraybooth
95	46	46-2-208-SB-14	Spraybooth
96	46	46-2-210-O-18	Lab Oven
97	46	46-2-210-O-19	Lab Oven
98	46	46-2-210-SB-07	Spraybooth
99	46	46-2-211-O-06	Lab Oven
100	46	46-2-211-O-17	Lab Oven
101	46	46-2-212-O-05	Lab Oven

102	46	46-2-212-SB-11	Spraybooth
103	46	46-2-213-O-04	Lab Oven
104	46	46-2-214-O-03	Lab Oven
#	Building Location	Equipment Number	Equipment Type
105	46	46-2-214-SB-02	Spraybooth
106	46	46-2-215-O-01	Lab Oven
107	46	46-2-215-O-02	Lab Oven
108	46	46-2-215-SB-01	Spraybooth
109	46A	46A-0-B4-01	Lab Oven
110	46A	46A-0-B4-02	Lab Oven
111	46A	46A-0-B4-03	IsoTemp Oven
112	46A	46A-0-B08-O-05	Lab Oven
113	46A	46A-0-B08-O-09	Lab Oven
114	46A	46A-0-B08-O-11	Lab Oven
115	46A	46A-0-B08-O-12	Lab Oven
116	46A	46A-0-B08-SB-01	Spraybooth

117	46A	46A-0-B08-SB-02	Spraybooth
118	46A	46A-0-B08-SB-03	Spraybooth
119	46A	46A-0-B08-SB-04	Spraybooth
#	Building Location	Equipment Number	Equipment Type
120	46A	46A-1-118-O-01	Lab Oven
121	46A	46A-1-118-O-02	Lab Oven
122	46A	46A-1-118-O-03	Lab Oven
123	46A	46A-1-118-O-04	Lab Oven
124	46A	46A-1-118-O-05	Lab Oven
125	46A	46A-1-118-O-06	Lab Oven
126	46A	46A-1-118-O-07	Lab Oven
127	46A	46A-1-118-SB-07	Spraybooth
128	46A	46A-1-118-SB-08	Spraybooth
129	46A	46A-1-118-SB-09	Spraybooth
130	46A	46A-1-118-SB-10	Spraybooth
131	46A	46A-1-119-O-08	Lab Oven

132	46A	46A-1-119-O-09	Lab Oven
133	46A	46A-1-119-O-10	Lab Oven
134	46A	46A-1-119-O-11	Lab Oven
135	46A	46A-1-119-SB-01	Spraybooth
#	Building Location	Equipment Number	Equipment Type
136	46A	46A-1-119-SB-02	Spraybooth
137	46A	46A-1-119-SB-03	Spraybooth
138	46A	46A-1-119-SB-04	Spraybooth
139	46A	46A-2-216-O-06	Lab Oven
140	46A	46A-2-216-O-07	Lab Oven
141	46A	46A-2-216-O-08	Lab Oven
142	46A	46A-2-216-O-09	Lab Oven
143	46A	46A-2-216-O-10	Lab Oven
144	46A	46A-2-216-O-11	Lab Oven
145	46A	46A-2-216-O-12	Lab Oven
146	46A	46A-2-216-O-13	Lab Oven

147	46A	46A-2-216-O-14	Lab Oven
148	46A	46A-2-216-O-15	Lab Oven
149	46A	46A-2-216-O-16	Lab Oven
150	46A	46A-2-216-O-5	Lab Oven
151	46A	46A-2-216-SB-06	Spraybooth
#	Building Location	Equipment Number	Equipment Type
152	46A	46A-2-216-SB-07	Spraybooth
153	46A	46A-2-216-SB-08	Spraybooth
154	46A	46A-2-216-SB-09	Spraybooth
155	46A	46A-2-216-SB-10	Spraybooth
156	46A	46A-2-216-SB-11	Spraybooth
157	46A	46A-2-217-O-01	Lab Oven
158	46A	46A-2-217-O-02	Lab Oven
159	46A	46A-2-217-SB-03	Spraybooth
160	46A	46A-2-217-SB-04	Spraybooth
161	46A	46A-2-218-O-02	Lab Oven

162	46A	46A-2-218-O-03	Lab Oven
163	46A	46A-2-218-SB-01	Spraybooth
164	46A	46A-2-218-SB-02	Spraybooth
165	46A	46A-3-317-O-01	Lab Oven
166	46A	46A-3-317-O-02	Lab Oven
167	46A	46A-3-317-O-03	Lab Oven
#	Building Location	Equipment Number	Equipment Type
168	46A	46A-3-317-O-04	Lab Oven
169	46A	46A-3-317-O-05	Lab Oven
170	46A	46A-3-317-O-06	Lab Oven
171	46A	46A-3-317-SB-05	Spraybooth
172	46A	46A-3-317-SB-06	Spraybooth
173	46A	46A-3-317-SB-07	Spraybooth
174	46A	46A-3-317-SB-08	Spraybooth
175	46A	46A-3-317-SB-09	Spraybooth
176	46A	46A-3-317-SB-10	Spraybooth

177	46A	46A-3-319-O-08	Lab Oven
178	46A	46A-3-319-O-09	Lab Oven
179	46A	46A-3-319-O-10	Lab Oven
180	46A	46A-3-319-SB-01	Spraybooth
181	46A	46A-3-319-SB-02	Spraybooth
182	46A	46A-3-319-SB-03	Spraybooth
183	46A	46A-3-319-SB-04	Spraybooth

Table 3: Paint Manufacturing Operations Emissions Units (P201)

As specified in OAC rule 3745-21-09(MM)(1), the paint manufacturing operations under OAC rule 3745-21-09(MM)(2) include the following equipment for the processing or use of solvent based or waterbased paint materials: mixing tanks for paint liquids and pigments, grinding mills, paint thinning and tinting tanks, paint filling equipment for shipping containers, cleaning equipment for paint processing equipment, and recovery equipment for the cleaning solvents.

#	Building or Location	Equipment Number	Equipment Type
1	7	7-S45-01	Premier Mill
2	7	7-S45-02	Premier Mill
3	7	7-S45-03	Premier Mill
4	7	7-S45-04	Premier Mill
5	7	7-S45-05	Premier Mill

6	7	7-S90-01	Premier Mill
7	7	7-S90-02	Premier Mill
8	7	7-D90-03	Premier Mill
9	7	7-D90-02	Premier Mill
10	7	7-S15-03	Premier Mill
11	7	7-S15-04	Premier Mill
12	8	8-T-801	Process Tank
13	8	8-T-802	Process Tank
14	8	8-T-803	Process Tank
#	Building or Location	Equipment Number	Equipment Type
15	8	8-T-804	Process Tank
16	8	8-T-805	Process Tank
17	8	8-T-806	Process Tank
18	8	8-T-807	Process Tank
19	8	8-T-808	Process Tank
20	8	8-T-809	Process Tank
21	8	8-T-810	Process Tank

22	8	8-T-811	Process Tank
23	8	8-T-812	Process Tank
24	8	8-T-813	Process Tank
25	8	8-T-814	Process Tank
26	8	8-T-815	Process Tank
27	8	8-T-816	Process Tank
28	8	8-T-819	Process Tank
29	8	8-T-820	Process Tank
30	8	8-T-821	Process Tank
31	8	8-T-822	Process Tank
#	Building or Location	Equipment Number	Equipment Type
32	8	8-T-823	Process Tank
33	8	8-T-824	Process Tank
34	8	8-T-825	Process Tank
35	8	8-T-826	Process Tank
36	8	8-T-827	Process Tank
37	8	8-T-828	Process Tank

38	8	8-T-829	Process Tank
39	8	8-T-830	Process Tank
40	8	8-T-831	Process Tank
41	8	8-T-832	Process Tank
42	8	9-A-1	Mixer
43	9	9-A-6	Mixer
44	8	9-A-7	Lift/Agitator
45	8	9-A-8	Mixer
46	8	9-A-9	Lift/Agitator
47	9	9-RM-1A	Rail Mixer
48	9	9-RM-1B	Rail Mixer
#	Building or Location	Equipment Number	Equipment Type
49	9	9-RM-1C	Rail Mixer
50	9	9-RM-1D	Rail Mixer
51	9	9-RM-1E	Rail Mixer
52	9	9-RM-1F	Rail Mixer
53	9	9-RM-1G	Rail Mixer

54	9	9-RM-1H	Rail Mixer
55	9	9-RM-1I	Rail Mixer
56	9	9-RM-1J	Rail Mixer
57	9	9-RM-1K	Rail Mixer
58	9	9-RM-1L	Rail Mixer
59	9	9-RM-2F	Rail Mixer
60	9	9-RM-2E	Rail Mixer
61	9	9-RM-2D	Rail Mixer
62	9	9-RM-2C	Rail Mixer
63	9	9-RM-1	Portable Rail Mixer
64	9	9-RM-2	Portable Rail Mixer
65	12	12-CB-1	Cleaning Booth
66	12	12-CB-2	Cleaning Booth
67	12	12-CB-3	Cleaning Booth
68	12	12-CB-4	Cleaning Booth
69	12	12-CB-5	Cleaning Booth
70	12	12-T-1	Process Tank

71	12	12-T-2	Process Tank
72	12	12-T-3	Process Tank
73	15	15-M-1	Mixer (Hanging)
74	15	15-T-152	Process Tank
75	15	15-T-153	Process Tank
76	15	15-T-154	Process Tank
77	15	15-T-155	Process Tank
78	15	15-T-156	Process Tank
79	15	15-T-157	Process Tank
80	19	19-M-01	Mixer
81	19	19-M-02	Mixer
82	19	19-M-03	Mixer
#	Building or Location	Equipment Number	Equipment Type
83	19	19-M-04	Mixer
84	19	19-M-05	Mixer
85	19	19-M-06	Mixer
86	19	19-M-08	Mixer

87	19	19-M-09	Mixer
88	19	19-M-10	Mixer
89	19	19-M-11	Mixer
90	19	19-M-12	Mixer
91	21	21-M-01	Mixer (garage)
92	21	21-D200-2	Premier Mill
93	21	21-S45-9	Premier Mill
94	21	21-D120-1	Premier Mill
95	21	21-T90-1	Triplex Premier Mill
96	21	21-S90-4	Premier Mill
97	21	21-D200-1	Premier Mill
98	21	21-S1.5-1	Premier Mill
99	21	21-T-001	Process Tank
#	Building or Location	Equipment Number	Equipment Type
100	21	21-T-002	Process Tank
101	21	21-T-003	Process Tank
102	21	21-T-004	Process Tank

103	21	21-T-005	Process Tank
104	21	21-T-006	Process Tank
105	21	21-T-007	Process Tank
106	21	21-T-008	Process Tank
107	21	21-T-013	Process Tank
108	21	21-T-014	Process Tank
109	21	21-T-017	Process Tank
110	21	21-T-018	Process Tank
111	21	21-T-030	Process Tank
112	21	21-T-031	Process Tank
113	21	21-T-032	Process Tank
114	21	21-T-033	Process Tank
115	21	21-T-034	Process Tank
116	21	21-T-035	Process Tank
#	Building or Location	Equipment Number	Equipment Type
117	21	21-T-036	Process Tank
118	21	21-T-037	Process Tank

119	21	21-T-038	Process Tank
120	21	21-T-039	Process Tank
121	21	21-T-040	Process Tank
122	21	21-T-041	Process Tank
123	21	21-T-042	Process Tank
124	21	21-T-043	Process Tank
125	21	21-T-044	Process Tank
126	21	21-T-045	Process Tank
127	21	21-T-046	Process Tank
128	21	21-T-047	Process Tank
129	21	21-T-076	Process Tank
130	24	24-A-6	Mixer
131	24	24-S90-3	Premier Mill
132	24	24-T-502	Process Tank
133	24	24-T-506	Process Tank
#	Building or Location	Equipment Number	Equipment Type
134	24	24-T-507	Process Tank

135	24	24-T-508	Process Tank
136	24	24-T-513	Process Tank
137	24	24-T-514	Process Tank
138	24	24-T-515	Process Tank
139	24	24-T-516	Process Tank
140	24	24-T-517	Process Tank
141	24	24-T-518	Process Tank
142	24	24-T-519	Process Tank
143	24	24-T-520	Process Tank
144	24	24-T-521	Process Tank
145	24	24-T-522	Process Tank
146	24	24-T-523	Process Tank
147	24	24-T-524	Process Tank
148	24	24-T-525	Process Tank
149	24	24-T-526	Process Tank
150	25	25-15L-01	Premier Mill (PKAF)
#	Building or Location	Equipment Number	Equipment Type

151	25	25-D90-1	Premier Mill
152	25	25-S60-1	Premier Mill
153	25	25-D200-3	Premier Mill
154	25	25-S45-8	Premier Mill
155	25	25-RM-1	Portable Rail Mixer
156	29	29-T-101	Process Tank
157	29	29-T-102	Process Tank
158	29	29-T-103	Process Tank
159	29	29-T-104	Process Tank
160	29	29-T-105	Process Tank
161	29	29-T-106	Process Tank
162	29	29-T-107	Process Tank
163	29	29-T-108	Process Tank
164	29	29-T-109	Process Tank
165	29	29-T-110	Process Tank
166	29	29-T-111	Process Tank
167	29	29-T-112	Process Tank

#	Building or Location	Equipment Number	Equipment Type
168	29	29-T-113	Process Tank
169	29	29-T-114	Process Tank
170	29	29-T-115	Process Tank
171	29	29-T-116	Process Tank
172	29	29-T-117	Process Tank
173	29	29-T-118	Process Tank
174	29	29-T-119	Process Tank
175	29	29-T-120	Process Tank
176	29	29-T-121	Process Tank
177	29	29-T-122	Process Tank
178	29	29-T-123	Process Tank
179	29	29-T-124	Process Tank
180	29	29-T-125	Process Tank
181	29	29-T-126	Process Tank
182	29	29-T-127	Process Tank
183	29	29-T-128	Process Tank

184	29	29-T-129	Process Tank
#	Building or Location	Equipment Number	Equipment Type
185	29	29-T-130	Process Tank
186	29	29-T-131	Process Tank
187	29	29-T-132	Process Tank
188	29	29-T-133	Process Tank
189	29	29-T-134	Process Tank
190	29	29-T-135	Process Tank
191	29	29-T-138	Process Tank
192	29	29-T-139	Process Tank
193	29	29-T-140	Process Tank
194	47	47-L-1	Thin Film Evaporator
195	47	47-L-2	Thin Film Evaporator
196	47	47-M-1	Mixer
197	47	47-R-1	Thin Film Evaporator
198	47	47-T-1	Process Distillation
199	47	47-T-2	Process Distillation

200	47	47-T-3	Process Distillation
201	47	47-T-4	Process Distillation
#	Building or Location	Equipment Number	Equipment Type
202	47	47-T-5	Process Distillation
203	100	100-S15-7	Premier Mill
204	100	100-D90-4	Premier Mill
205	100	100-D90-5	Premier Mill
206	100	100-S45-6	Premier Mill
207	100	100-S45-7	Premier Mill
208	100	100-S45-10	Single Premier Mill
209	100	100-RM-01	Portable Rail Mixer
210	100	100-RM-02	Portable Rail Mixer
211	100	100-RM-03	Portable Rail Mixer
212	100	100-RM-04	Portable Rail Mixer
213	100	100-RM-05	Portable Rail Mixer
214	100	100-RM-07	Portable Rail Mixer
215	100	100-RM-08	Portable Rail Mixer

216	101	101-D90-6	Dual Premier Mill
217	101	101-D90-7	Dual Premier Mill
218	101	101-S200-1	Single Premier Mill
#	Building or Location	Equipment Number	Equipment Type
219	101	101-S50-1	Singe Premier Mill
220	101	101-S50-2	Single Premier Mill
221	101	101-T-700	Process Tank
222	101	101-T-701	Process Tank
223	101	101-T-710	Paste Tank
224	101	101-T-711	Paste Tank
225	101	101-T-712	Paste Tank
226	101	101-T-713	Paste Tank
227	101	101-T-714	Paste Tank
228	101	101-T-730	Blend Tank
229	101	101-T-731	Blend Tank
230	101	101-T-732	Blend Tank
231	101	101-T-733	Blend Tank

232	101	101-T-734	Blend Tank
233	101	101-T-735	Blend Tank
234	101	101-T-736	Blend Tank
235	101	101-T-737	Blend Tank

Table 4: Dedicated Waterbased Paint Production Equipment (P202)

As specified in OAC rule 3745-21-09(MM)(1), the paint manufacturing operations under OAC rule 3745-21-09(MM)(2) include the following equipment for the processing or use of solvent based or waterbased paint materials: mixing tanks for paint liquids and pigments, grinding mills, paint thinning and tinting tanks, paint filling equipment for shipping containers, cleaning equipment for paint processing equipment, and recovery equipment for the cleaning solvents.

#	Location	Equipment Number	Equipment Type
1	22	22-T-48	Process Tank
2	22	22-T-49	Process Tank
3	22	22-T-50	Process Tank
4	22	22-T-51	Process Tank
5	22	22-T-52	Process Tank
6	22	22-T-53	Process Tank
7	22	22-T-54	Process Tank
8	22	22-T-55	Process Tank
9	22	22-T-56	Process Tank

#	Location	Equipment Number	Equipment Type
10	22	22-T-57	Process Tank
11	22	22-T-63	Process Tank
12	22	22-T-67	Process Tank
13	22	22-T-69	Process Tank
14	22	22-T-71	Process Tank
15	22	22-T-72	Process Tank
16	22	22-T-73	Process Tank
17	22	22-T-74	Process Tank

Table 5: Insignificant Emissions Units

The "Ohio EPA ID" and "Equipment Description" for each emissions unit in this table shall be specified in the listing of insignificant emissions units in Part II, Section B (State Only Enforceable Section) of the facility's Title V permit.

#	Building or Location	Equipment Identification	Ohio EPA ID	Equipment Description	Basis for PTI Exemption/ Applicable Requirements	Insignificant (for Title V) per OAC 3745-77-01 (U)(1), (U)(2), or (U)(3)
1	2	2-H-1	Z002	boiler - less than 10MMBtu/hr	OAC 3745-31-03(A)(1)(a)	OAC 3745-77-01(U)(1)
2	3	3-DM-1	Z003	Dispense machine	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
3	3	3-S1.5-01	Z947	Premier Mill	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
4	3	3-S1.5-02	Z948	Premier Mill	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
5	3	3-S1.5-03	Z949	Premier Mill	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
6	3	3-S1.5-04	Z950	Premier Mill	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
7	3	3-DYN-04	Z951	Dyno Mill	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
8	3	3-SS-1	Z004	solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
9	4	4-FH-1	Z007	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
10	4	4-FH-2	Z008	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
11	4	4-FH-3	Z009	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
12	4	4-FH-4	Z010	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)

13	4	4-FH-5	Z011	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
#	Building or Location	Equipment Identification	Ohio EPA ID	Equipment Description	Basis for PTI Exemption/ Applicable Requirements	Insignificant (for Title V) per OAC 3745-77-01 (U)(1), (U)(2), or (U)(3)
14	4	4-FH-8	Z012	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
15	4	4-SS-1	Z013	solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
16	5	5-SS-1	Z019	solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
17	5	5-FH-1		Lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
18	6A	6A-SS-1	Z022	solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
19	6A	6A-SS-2	Z023	solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
20	7	7-DS-1	Z027	draw scale	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
21	7	7-SS-2	Z028	solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
22	7	7-A-1		Agitator	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
23	7	7-A-2		Agitator	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)

24	7	7-A-3		Agitator	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
25	7	7-A-4		Agitator	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
#	Building or Location	Equipment Identification	Ohio EPA ID	Equipment Description	Basis for PTI Exemption/ Applicable Requirements	Insignificant (for Title V) per OAC 3745-77-01 (U)(1), (U)(2), or (U)(3)
26	7	7-A-5		Agitator	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
27	7	7-A-6		Agitator	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
28	7	7-A-7		Agitator	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
29	7	7-A-8		Agitator	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
30	8	8-DS-1	Z029	draw scale	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
31	8	8-FM-2	Z030	filling machine	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
32	9	9-SS-3	Z031	solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
33	9	9-SS-11	Z035	solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w); OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
34	9	9-T-1	Z952	storage tank	OAC 3745-31-03(A)(1)(l)(iii)	OAC 3745-77-01(U)(1)
35	9A	9A-H-1	Z032	heater - less than 10MMBtu/hr	OAC 3745-31-03(A)(1)(a)	OAC 3745-77-01(U)(1)
36	9B	9B-H-2	Z033	heater - less than 10MMBtu/hr	OAC 3745-31-03(A)(1)(a)	OAC 3745-77-01(U)(1)

37	13	13-DCA-1	Z506	drum changing area	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
38	13	13-HA-31	Z036	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
#	Building or Location	Equipment Identification	Ohio EPA ID	Equipment Description	Basis for PTI Exemption/ Applicable Requirements	Insignificant (for Title V) per OAC 3745-77-01 (U)(1), (U)(2), or (U)(3)
39	13	13-HA-32	Z446	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
40	13	13-HA-33	Z447	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
41	13	13-HA-34	Z448	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
42	13	13-HA-35	Z449	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
43	13	13-HA-36	Z450	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
44	13	13-HA-37	Z451	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
45	13	13-HA-38	Z452	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
46	13	13-HA-39	Z453	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
47	13	13-HA-40	Z454	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
48	13	13-HA-41	Z455	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
49	13	13-HA-42	Z456	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
50	13	13-HA-43	Z457	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
51	13	13-HA-44	Z458	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)

52	13	13-HA-45	Z459	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
53	13	13-HA-46	Z460	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
54	13	13-HA-47	Z461	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
#	Building or Location	Equipment Identification	Ohio EPA ID	Equipment Description	Basis for PTI Exemption/ Applicable Requirements	Insignificant (for Title V) per OAC 3745-77-01 (U)(1), (U)(2), or (U)(3)
55	13	13-HA-48	Z462	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
56	13	13-HA-49	Z463	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
57	13	13-HA-50	Z464	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
58	13	13-HA-51	Z465	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
59	13	13-HA-52	Z466	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
60	13	13-HA-53	Z467	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
61	13	13-HA-54	Z468	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
62	13	13-HA-55	Z469	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
63	13	13-HA-56	Z470	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
64	13	13-HA-57	Z471	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
65	13	13-HA-58	Z472	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
66	13	13-HA-59	Z473	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)

67	13	13-HA-60	Z474	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
68	13	13-HA-61	Z475	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
69	13	13-HA-62	Z476	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
70	13	13-HA-63	Z477	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
#	Building or Location	Equipment Identification	Ohio EPA ID	Equipment Description	Basis for PTI Exemption/ Applicable Requirements	Insignificant (for Title V) per OAC 3745-77-01 (U)(1), (U)(2), or (U)(3)
71	13	13-HA-64	Z478	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
72	13	13-HA-65	Z479	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
73	13	13-HA-66	Z480	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
74	13	13-HA-67	Z481	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
75	13	13-HA-68	Z482	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
76	13	13-HA-69	Z483	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
77	13	13-HA-70	Z484	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
78	13	13-HA-71	Z485	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
79	13	13-HA-72	Z486	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
80	13	13-HA-73	Z487	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
81	13	13-HA-74	Z488	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)

82	13	13-HA-75	Z489	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
83	13	13-HA-76	Z490	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
84	13	13-HA-77	Z491	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
85	13	13-HA-78	Z492	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
86	13	13-HA-79	Z493	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
#	Building or Location	Equipment Identification	Ohio EPA ID	Equipment Description	Basis for PTI Exemption/ Applicable Requirements	Insignificant (for Title V) per OAC 3745-77-01 (U)(1), (U)(2), or (U)(3)
87	13	13-HA-80	Z494	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
88	13	13-HA-81	Z495	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
89	13	13-HA-82	Z496	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
90	13	13-HA-83	Z497	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
91	13	13-HA-84	Z498	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
92	13	13-HA-85	Z499	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
93	13	13-HA-86	Z500	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
94	13	13-HA-87	Z501	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
95	13	13-HA-88	Z502	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
96	13	13-HA-89	Z503	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)

97	13	13-HA-90	Z504	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
98	14	14-HA-11	Z037	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
99	14	14-HA-12	Z507	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
100	14	14-HA-13	Z508	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
101	14	14-HA-14	Z509	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
102	14	14-HA-15	Z510	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
#	Building or Location	Equipment Identification	Ohio EPA ID	Equipment Description	Basis for PTI Exemption/ Applicable Requirements	Insignificant (for Title V) per OAC 3745-77-01 (U)(1), (U)(2), or (U)(3)
103	14	14-HA-16	Z511	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
104	14	14-HA-17	Z512	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
105	14	14-HA-18	Z513	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
106	14	14-HA-19	Z514	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
107	14	14-HA-20	Z515	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
108	14	14-HA-21	Z516	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
109	14	14-HA-22	Z517	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
110	14	14-HA-23	Z518	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
111	14	14-HA-24	Z519	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)

112	14	14-HA-25	Z520	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
113	14	14-HA-26	Z521	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
114	14	14-HA-27	Z522	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
115	14	14-HA-28	Z523	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
116	14	14-HA-29	Z524	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
117	14	14-HA-30	Z525	drum agitation stations	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
118	15	15-DM-1	Z973	dispense machine	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
#	Building or Location	Equipment Identification	Ohio EPA ID	Equipment Description	Basis for PTI Exemption/ Applicable Requirements	Insignificant (for Title V) per OAC 3745-77-01 (U)(1), (U)(2), or (U)(3)
119	15	15-DS-1	Z039	draw scale	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
120	15	15-T-151	Z040	storage tank	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
121	15	15-T-8000	Z546	storage tank	OAC 3745-31-03(A)(1)(l)(iii)	OAC 3745-77-01(U)(1)
122	15	15-T-8001	Z548	storage tank	OAC 3745-31-03(A)(1)(l)(iii)	OAC 3745-77-01(U)(1)
123	15	15-T-8002	Z549	storage tank	OAC 3745-31-03(A)(1)(l)(iii)	OAC 3745-77-01(U)(1)
124	15	15-T-8003	Z550	storage tank	OAC 3745-31-03(A)(1)(l)(iii)	OAC 3745-77-01(U)(1)
125	15	15-T-8004	Z551	storage tank	OAC 3745-31-03(A)(1)(l)(iii)	OAC 3745-77-01(U)(1)
126	15	15-T-8005	Z552	storage tank	OAC 3745-31-03(A)(1)(l)(iii)	OAC 3745-77-01(U)(1)

127	15	15-T-8006	Z553	storage tank	OAC 3745-31-03(A)(1)(I)(iii)	OAC 3745-77-01(U)(1)
128	15	15-T-8007	Z975	storage tank	OAC 3745-31-03(A)(1)(I)(iii)	OAC 3745-77-01(U)(1)
129	15	15-T-8008	Z976	storage tank	OAC 3745-31-03(A)(1)(I)(iii)	OAC 3745-77-01(U)(1)
130	15	15-T-8009	Z977	storage tank	OAC 3745-31-03(A)(1)(I)(iii)	OAC 3745-77-01(U)(1)
131	15	15-T-8010	Z978	storage tank	OAC 3745-31-03(A)(1)(I)(iii)	OAC 3745-77-01(U)(1)
132	15	15-T-8011	Z979	storage tank	OAC 3745-31-03(A)(1)(I)(iii)	OAC 3745-77-01(U)(1)
133	15	15-T-8012	Z980	storage tank	OAC 3745-31-03(A)(1)(I)(iii)	OAC 3745-77-01(U)(1)
134	15	15-T-8013	Z981	storage tank	OAC 3745-31-03(A)(1)(I)(iii)	OAC 3745-77-01(U)(1)
#	Building or Location	Equipment Identification	Ohio EPA ID	Equipment Description	Basis for PTI Exemption/ Applicable Requirements	Insignificant (for Title V) per OAC 3745-77-01 (U)(1), (U)(2), or (U)(3)
135	15	15-T-8014	Z982	storage tank	OAC 3745-31-03(A)(1)(I)(iii)	OAC 3745-77-01(U)(1)
136	15	15-T-8015	Z983	storage tank	OAC 3745-31-03(A)(1)(I)(iii)	OAC 3745-77-01(U)(1)
137	15	15-T-8016	Z984	storage tank	OAC 3745-31-03(A)(1)(I)(iii)	OAC 3745-77-01(U)(1)
138	15	15-T-8017	Z985	storage tank	OAC 3745-31-03(A)(1)(I)(iii)	OAC 3745-77-01(U)(1)
139	15	15-T-8018	Z986	storage tank	OAC 3745-31-03(A)(1)(I)(iii)	OAC 3745-77-01(U)(1)
140	15	15-T-8019	Z987	storage tank	OAC 3745-31-03(A)(1)(I)(iii)	OAC 3745-77-01(U)(1)
141	15	15-T-8020	Z988	storage tank	OAC 3745-31-03(A)(1)(I)(iii)	OAC 3745-77-01(U)(1)

142	15	15-T-8021	Z989	storage tank	OAC 3745-31-03(A)(1)(l)(iii)	OAC 3745-77-01(U)(1)
143	15	15-T-8022	Z990	storage tank	OAC 3745-31-03(A)(1)(l)(iii)	OAC 3745-77-01(U)(1)
144	15	15-T-8023	Z991	storage tank	OAC 3745-31-03(A)(1)(l)(iii)	OAC 3745-77-01(U)(1)
145	15A	15A-FH-1	Z041	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
146	15A	15A-FH-2	Z042	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
147	15A	15A-LB-1	Z043	lab bench	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
148	15A	15A-SS-1	Z044	solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
149	16	16-T-201	T148	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
#	Building or Location	Equipment Identification	Ohio EPA ID	Equipment Description	Basis for PTI Exemption/ Applicable Requirements	Insignificant (for Title V) per OAC 3745-77-01 (U)(1), (U)(2), or (U)(3)
150	16	16-T-202	T149	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
151	16	16-T-203	T150	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
152	16	16-T-204	T151	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
153	16	16-T-205	T152	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)

154	16	16-T-206	T153	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
155	16	16-T-207	T154	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
156	16	16-T-208	T155	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
157	16	16-T-209	T156	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
158	16	16-T-210	T157	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
159	16	16-T-211	T158	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
160	16	16-T-212	T159	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
#	Building or Location	Equipment Identification	Ohio EPA ID	Equipment Description	Basis for PTI Exemption/ Applicable Requirements	Insignificant (for Title V) per OAC 3745-77-01 (U)(1), (U)(2), or (U)(3)
161	16	16-T-213	T160	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
162	16	16-T-214	T161	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
163	16	16-T-215	T162	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)

164	16	16-T-216	T163	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
165	16	16-T-217	T164	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
166	16	16-T-218	T165	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
167	16	16-T-219	T166	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
168	16	16-T-220	T167	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
169	16	16-T-221	T168	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
170	16	16-T-222	T169	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
171	16	16-T-223	T170	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
#	Building or Location	Equipment Identification	Ohio EPA ID	Equipment Description	Basis for PTI Exemption/ Applicable Requirements	Insignificant (for Title V) per OAC 3745-77-01 (U)(1), (U)(2), or (U)(3)
172	16	16-T-224	T171	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
173	18	18-B-1	Z433	boiler - less than 10MMBtu/hr	OAC 3745-31-03(A)(1)(a)	OAC 3745-77-01(U)(1)
174	18	18-B-2	Z434	boiler - less than 10MMBtu/hr	OAC 3745-31-03(A)(1)(a)	OAC 3745-77-01(U)(1)

175	18	18-B-3	Z435	boiler - less than 10MMBtu/hr	OAC 3745-31-03(A)(1)(a)	OAC 3745-77-01(U)(1)
176	18	18-B-4	Z436	boiler - less than 10MMBtu/hr	OAC 3745-31-03(A)(1)(a)	OAC 3745-77-01(U)(1)
177	18	18-B-5	Z437	boiler - less than 10MMBtu/hr	OAC 3745-31-03(A)(1)(a)	OAC 3745-77-01(U)(1)
178	18	18-B-6	Z438	boiler - less than 10MMBtu/hr	OAC 3745-31-03(A)(1)(a)	OAC 3745-77-01(U)(1)
179	18	18-B-7	Z439	boiler - less than 10MMBtu/hr	OAC 3745-31-03(A)(1)(a)	OAC 3745-77-01(U)(1)
180	18	18-T-1		Water receiver tank	OAC 3745-31-03(A)(1)(l)(iii)	OAC 3745-77-01(U)(1)
181	18	18-DA-1		Deaerator Tank	OAC 3745-31-03(A)(1)(l)(iii)	OAC 3745-77-01(U)(1)
182	19	19-T-1	Z954	storage tank	OAC 3745-31-03(A)(1)(l)(iii)	OAC 3745-77-01(U)(1)
183	20	20-T-001	Z146	emergency overflow tank	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
184	20	20-T-002	Z147	emergency overflow tank	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
185	21	21-DS-1	Z070	draw scale	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
186	21	21-SS-1	Z071	solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
#	Building or Location	Equipment Identification	Ohio EPA ID	Equipment Description	Basis for PTI Exemption/ Applicable Requirements	Insignificant (for Title V) per OAC 3745-77-01 (U)(1), (U)(2), or (U)(3)
187	22	22-T-75	Z072	water storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)

188	22	22-T-58	Z073	storage tank	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
189	22	22-T-59	Z074	storage tank	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
190	22	22-T-60	Z075	storage tank	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
191	22	22-T-61	Z076	Process tank	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
192	22	22-T-62	Z077	Process tank	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
193	22	22-T-64	Z078	storage tank	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
194	22	22-T-65	Z079	storage tank	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
195	22	22-T-66	Z080	storage tank	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
196	22	22-T-68	Z081	storage tank	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
197	22	22-T-70	Z082	storage tank	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
198	22	22-O-7		Lab oven	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
199	22	22-O-8		Lab oven	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
200	22	22-O-9		Lab oven	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
201	22	22-O-10		Lab oven	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
202	22	22-O-11		Lab oven	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
#	Building or Location	Equipment Identification	Ohio EPA ID	Equipment Description	Basis for PTI Exemption/ Applicable Requirements	Insignificant (for Title V) per OAC 3745-77-01 (U)(1), (U)(2), or (U)(3)

203	22B Tech	22B-CO-1	Z104	Convection oven	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
204	22B Tech	22B-CO-2	Z105	Convection oven	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
205	22B Tech	22B-MF-1	Z106	Isotemp oven	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
206	22B Tech	22B-MF-2		Isotemp oven	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
207	22B Tech	22B-O-1	Z083	lab oven	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
208	22B Tech	22B-O-2	Z084	lab oven	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
209	22B Tech	22B-O-11	Z085	lab oven	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
210	22B Tech	22B-O-4	Z086	lab oven	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
211	22B Tech	22B-O-3	Z099	Heat age oven	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
212	22B Tech	22B-O-8	Z100	Isotemp oven	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
213	22B Tech	22B-O-5	Z087	Lab oven	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
214	22B Tech	22B-O-6	Z102	Lab oven	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
215	22B Tech	22B-O-7	Z103	Isotemp oven	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
216	22B Tech	22B-FH-1	Z092	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
217	22B Tech	22B-FH-2	Z093	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
218	22B Tech	22B-FH-3	Z094	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)

#	Building or Location	Equipment Identification	Ohio EPA ID	Equipment Description	Basis for PTI Exemption/ Applicable Requirements	Insignificant (for Title V) per OAC 3745-77-01 (U)(1), (U)(2), or (U)(3)
219	22B Tech	22B-FH-4	Z095	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
220	22B Tech	22B-FH-5	Z096	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
221	22B Tech	22B-FH-6	Z097	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
222	22B Tech	22B-FH-7	Z098	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
223	22B Tech	22B-SS-1	Z107	solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
224	22B Tech	22B-SS-2	Z108	solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
225	22B Tech	22B-SS-3	Z109	solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
226	22B	22B-T-1	Z088	storage tank	OAC 3745-31-03(A)(1)(l)(iv)	OAC 3745-77-01(U)(1)
227	22B	22B-T-2	Z089	storage tank	OAC 3745-31-03(A)(1)(l)(iv)	OAC 3745-77-01(U)(1)
228	22B	22B-T-3	Z090	storage tank	OAC 3745-31-03(A)(1)(l)(i)	OAC 3745-77-01(U)(1)
229	22B	22B-T-4	Z091	storage tank	OAC 3745-31-03(A)(1)(l)(i)	OAC 3745-77-01(U)(1)
230	22F	22F-O-PL	P141	pilot lab oven	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
231	22F	22F-O-TO		Small test oven	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)

#	Building or Location	Equipment Identification	Ohio EPA ID	Equipment Description	Basis for PTI Exemption/ Applicable Requirements	Insignificant (for Title V) per OAC 3745-77-01 (U)(1), (U)(2), or (U)(3)
232	22F	22F-CT-01	Z930	cleaning tank	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
233	22F	22F-CT-02	Z931	cleaning tank	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
234	22F	22F-CT-03	Z932	cleaning tank	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
235	22F	22F-CT-04	Z933	cleaning tank	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
236	22F	22F-CT-05	Z934	cleaning tank	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
237	22F	22F-CT-06	Z935	cleaning tank	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
238	22F	22F-CT-07	Z936	cleaning tank	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
239	22F	22F-CT-08	Z937	cleaning tank	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
240	22F	22F-CT-09	Z938	cleaning tank	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)

#	Building or Location	Equipment Identification	Ohio EPA ID	Equipment Description	Basis for PTI Exemption/ Applicable Requirements	Insignificant (for Title V) per OAC 3745-77-01 (U)(1), (U)(2), or (U)(3)
241	22F	22F-CT-10	Z939	cleaning tank	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
242	22F	22F-CT-11	Z940	cleaning tank	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
243	22F	22F-CT-12	Z941	cleaning tank	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
244	22F	22F-CT-13	Z942	cleaning tank	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
245	22F	22F-CT-14	Z943	cleaning tank	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
246	22F	22F-CT-15	Z944	cleaning tank	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
247	23	23-DM-1	Z111	Dispense Machine	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
248	23	23-DM-2		Slurry dispense machine	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
249	23	23-LB-1	Z112	lab bench	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
250	23	23-SS-5	Z113	solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)

251	23	23-T-01	Z114	storage tank	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
#	Building or Location	Equipment Identification	Ohio EPA ID	Equipment Description	Basis for PTI Exemption/ Applicable Requirements	Insignificant (for Title V) per OAC 3745-77-01 (U)(1), (U)(2), or (U)(3)
252	23	23-T-02	Z115	storage tank	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
253	23	23-T-03	Z116	storage tank	OAC 3745-31-03(A)(1)(I)(iii)	OAC 3745-77-01(U)(1)
254	23	23-T-04	Z117	storage tank	OAC 3745-31-03(A)(1)(I)(iii)	OAC 3745-77-01(U)(1)
255	23	23-T-05	Z118	storage tank	OAC 3745-31-03(A)(1)(I)(iii)	OAC 3745-77-01(U)(1)
256	23	23-T-06	Z119	storage tank	OAC 3745-31-03(A)(1)(I)(iii)	OAC 3745-77-01(U)(1)
257	23	23-T-07	Z120	storage tank	OAC 3745-31-03(A)(1)(I)(iii)	OAC 3745-77-01(U)(1)
258	23	23-T-08	Z121	storage tank	OAC 3745-31-03(A)(1)(I)(iii)	OAC 3745-77-01(U)(1)
259	23	23-T-09	Z122	storage tank	OAC 3745-31-03(A)(1)(I)(iii)	OAC 3745-77-01(U)(1)
260	23	23-T-10	Z123	storage tank	OAC 3745-31-03(A)(1)(I)(iii)	OAC 3745-77-01(U)(1)
261	23	23-T-11	Z128	storage tank	OAC 3745-31-03(A)(1)(I)(iii)	OAC 3745-77-01(U)(1)
262	23	23-T-12	Z129	storage tank	OAC 3745-31-03(A)(1)(I)(iii)	OAC 3745-77-01(U)(1)
263	23	23-T-13	Z130	storage tank	OAC 3745-31-03(A)(1)(I)(iii)	OAC 3745-77-01(U)(1)
264	23	23-T-14	Z131	storage tank	OAC 3745-31-03(A)(1)(I)(iii)	OAC 3745-77-01(U)(1)
265	23	23-T-15	Z132	storage tank	OAC 3745-31-03(A)(1)(I)(iii)	OAC 3745-77-01(U)(1)

266	23	23-T-16	Z133	storage tank	OAC 3745-31-03(A)(1)(I)(iii)	OAC 3745-77-01(U)(1)
267	23	23-T-17	Z134	storage tank	OAC 3745-31-03(A)(1)(I)(iii)	OAC 3745-77-01(U)(1)
#	Building or Location	Equipment Identification	Ohio EPA ID	Equipment Description	Basis for PTI Exemption/ Applicable Requirements	Insignificant (for Title V) per OAC 3745-77-01 (U)(1), (U)(2), or (U)(3)
268	23	23-T-18	Z135	storage tank	OAC 3745-31-03(A)(1)(I)(iii)	OAC 3745-77-01(U)(1)
269	23	23-T-20	Z136	storage tank	OAC 3745-31-03(A)(1)(I)(iii)	OAC 3745-77-01(U)(1)
270	23	23-T-21	Z137	storage tank	OAC 3745-31-03(A)(1)(I)(iii)	OAC 3745-77-01(U)(1)
271	23	23-T-22	Z138	storage tank	OAC 3745-31-03(A)(1)(I)(iii)	OAC 3745-77-01(U)(1)
272	23	23-T-23	Z139	storage tank	OAC 3745-31-03(A)(1)(I)(iii)	OAC 3745-77-01(U)(1)
273	23	23-T-24	Z140	storage tank	OAC 3745-31-03(A)(1)(I)(iii)	OAC 3745-77-01(U)(1)
274	23	23-T-25	Z141	storage tank	OAC 3745-31-03(A)(1)(I)(iii)	OAC 3745-77-01(U)(1)
275	23	23-T-26	Z142	storage tank	OAC 3745-31-03(A)(1)(I)(iii)	OAC 3745-77-01(U)(1)
276	23	23-T-27	Z143	storage tank	OAC 3745-31-03(A)(1)(I)(iii)	OAC 3745-77-01(U)(1)
277	23	23-T-28	Z144	storage tank	OAC 3745-31-03(A)(1)(I)(iii)	OAC 3745-77-01(U)(1)
278	23	23-T-32	Z955	storage tank	OAC 3745-31-03(A)(1)(I)(iii)	OAC 3745-77-01(U)(1)
279	23	23-T-101	Z124	storage tank for slurry dispense	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
280	23	23-T-102	Z125	storage tank for slurry dispense	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)

281	24	24-DS-1	Z145	draw scale	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
282	24	24-T-501	Z148	storage tank	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
283	24	24-T-503	Z149	storage tank	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
#	Building or Location	Equipment Identification	Ohio EPA ID	Equipment Description	Basis for PTI Exemption/ Applicable Requirements	Insignificant (for Title V) per OAC 3745-77-01 (U)(1), (U)(2), or (U)(3)
284	24	24-T-504	Z150	storage tank	OAC 3745-31-03(A)(1)(l)(i)	OAC 3745-77-01(U)(1)
285	24	24-T-505	Z151	storage tank	OAC 3745-31-03(A)(1)(l)(i)	OAC 3745-77-01(U)(1)
286	24	24-T-509	Z152	storage tank	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
287	24	24-T-510	Z153	storage tank	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
288	24	24-T-511	Z154	storage tank	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
289	24	24-T-512	Z155	storage tank	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
290	24	24-T-527	Z156	storage tank	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
291	24	24-T-528	Z956	storage tank	OAC 3745-31-03(A)(1)(l)(iii)	OAC 3745-77-01(U)(1)
292	24B	24B-CB-1	Z157	tankwagon rinsing	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
293	25	25-SS-1	Z158	solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
294	25	25-A-1		Agitator	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)

295	25	25-A-2		Agitator	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
296	26	26-T-321	T172	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
297	26	26-T-322	T173	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
#	Building or Location	Equipment Identification	Ohio EPA ID	Equipment Description	Basis for PTI Exemption/ Applicable Requirements	Insignificant (for Title V) per OAC 3745-77-01 (U)(1), (U)(2), or (U)(3)
298	26	26-T-323	T174	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
299	26	26-T-324	T175	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
300	26	26-T-325	T176	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
301	26	26-T-326	T177	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
302	26	26-T-327	T178	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
303	26	26-T-328	T179	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
304	26	26-T-329	T180	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)

305	26	26-T-330	T181	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
306	28	28-O-1	Z796	lab oven	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
307	28	28-O-2	Z797	lab oven	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
308	28	28-T-401	T182	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
309	28	28-T-402	T183	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
#	Building or Location	Equipment Identification	Ohio EPA ID	Equipment Description	Basis for PTI Exemption/ Applicable Requirements	Insignificant (for Title V) per OAC 3745-77-01 (U)(1), (U)(2), or (U)(3)
310	28	28-T-403	T184	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
311	28	28-T-404	T185	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
312	28	28-T-405	T186	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
313	28	28-T-406	T187	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
314	28	28-T-407	T188	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
315	28	28-T-408	T189	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)

316	28	28-T-409	T190	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
317	28	28-T-410	T191	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
318	28	28-T-411	T192	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
319	28	28-T-412	T193	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
320	28	28-T-413	T194	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
#	Building or Location	Equipment Identification	Ohio EPA ID	Equipment Description	Basis for PTI Exemption/ Applicable Requirements	Insignificant (for Title V) per OAC 3745-77-01 (U)(1), (U)(2), or (U)(3)
321	28	28-T-414	T195	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
322	28	28-T-415	T196	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
323	28	28-T-416	T197	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
324	28	28-T-417	T198	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
325	28	28-T-418	T199	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)

326	28	28-T-419	T200	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
327	28	28-T-420	T201	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
328	28	28-T-421	T202	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
329	28	28-T-422	T203	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
330	28	28-T-423	T204	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
331	28	28-T-424	T205	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
#	Building or Location	Equipment Identification	Ohio EPA ID	Equipment Description	Basis for PTI Exemption/ Applicable Requirements	Insignificant (for Title V) per OAC 3745-77-01 (U)(1), (U)(2), or (U)(3)
332	28	28-T-425	T206	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
333	28	28-T-426	T207	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
334	28	28-T-427	T208	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
335	28	28-T-428	T209	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)

336	28	28-T-429	T210	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
337	28	28-T-430	T211	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
338	28	28-T-431	T213	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
339	28	28-T-432	T214	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
340	28	28-T-433	T215	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
341	28	28-T-434	T216	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
342	28	28-T-435	T217	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
#	Building or Location	Equipment Identification	Ohio EPA ID	Equipment Description	Basis for PTI Exemption/ Applicable Requirements	Insignificant (for Title V) per OAC 3745-77-01 (U)(1), (U)(2), or (U)(3)
343	28	28-T-436	T218	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
344	28	28-T-437	T219	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
345	29	29-DS-1	Z206	draw scale	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)

346	29	29-DS-2	Z207	draw scale	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
347	29	29-SS-7	Z209	solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
348	29	29-SS-8	Z974	solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
349	30	30-HW-1	Z220	hot water tank - less than 10MMBtu/hr	OAC 3745-31-03(A)(1)(a)	OAC 3745-77-01(U)(3)
350	30	30-O-1	Z211	lab oven	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
351	30	30-O-2	Z212	lab oven	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
352	30	30-O-3	Z213	lab oven	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
353	30	30-O-4	Z214	lab oven	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
354	30	30-O-5	Z215	lab oven	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
#	Building or Location	Equipment Identification	Ohio EPA ID	Equipment Description	Basis for PTI Exemption/ Applicable Requirements	Insignificant (for Title V) per OAC 3745-77-01 (U)(1), (U)(2), or (U)(3)
355	30	30-O-6	Z216	lab oven	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
356	30	30-SS-1		solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)

357	30	30-SS-2		solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
358	30	30-SS-3		solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
359	30	30-SS-4		solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
360	30	30-FH-1		lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
361	32	32-T-101	Z217	storage tank	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
362	32	32-T-102	Z218	storage tank	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
363	32	32-T-103	Z219	storage tank	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
364	32	32-T-104	Z220	storage tank	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
365	32	32-T-105	Z221	storage tank	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
366	32	32-T-106	Z222	storage tank	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
367	32	32-T-107	Z223	storage tank	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
#	Building or Location	Equipment Identification	Ohio EPA ID	Equipment Description	Basis for PTI Exemption/ Applicable Requirements	Insignificant (for Title V) per OAC 3745-77-01 (U)(1), (U)(2), or (U)(3)
368	32	32-T-108	Z224	storage tank	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
369	32	32-T-109	Z225	storage tank	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)

370	32	32-T-110	Z226	storage tank	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
371	32	32-T-111	Z227	storage tank	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
372	32	32-T-112	Z228	storage tank	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
373	32	32-T-000		Emergency overflow tank	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
374	37	37-T-301	T220	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
375	37	37-T-302	T221	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
376	37	37-T-303	T222	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
377	37	37-T-304	T223	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
378	37	37-T-306	T224	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
379	38	38-T-307	T225	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
380	38	38-T-308	T226	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
#	Building or Location	Equipment Identification	Ohio EPA ID	Equipment Description	Basis for PTI Exemption/ Applicable Requirements	Insignificant (for Title V) per OAC 3745-77-01 (U)(1), (U)(2), or (U)(3)

381	38	38-T-309	T227	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
382	38	38-T-310	T228	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
383	38	38-T-311	T229	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
384	38	38-T-312	T230	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
385	39	39-T-313	T231	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
386	39	39-T-314	T232	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
387	39	39-T-315	T233	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
388	39	39-T-316	T234	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
389	39	39-T-317	T235	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
390	39	39-T-318	T236	storage tank	N/A (existing source installed pre-1974)	OAC 3745-77-01(U)(3)
391	41	41-CO-1	Z246	waste compactor	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
392	41	41-SH-1	Z247	waste shredder	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)

#	Building or Location	Equipment Identification	Ohio EPA ID	Equipment Description	Basis for PTI Exemption/ Applicable Requirements	Insignificant (for Title V) per OAC 3745-77-01 (U)(1), (U)(2), or (U)(3)
393	41	41-T-1	Z248	storage tank - less than 10,000-gallons; storing material less than 1.5 psia vapor pressure	OAC 3745-31-03(A)(1)(l)	OAC 3745-77-01(U)(1)
394	41	41-T-2	Z249	storage tank - less than 10,000-gallons; storing material less than 1.5 psia vapor pressure	OAC 3745-31-03(A)(1)(l)	OAC 3745-77-01(U)(1)
395	41	41-T-3	Z250	storage tank - less than 10,000-gallons; storing material less than 1.5 psia vapor pressure	OAC 3745-31-03(A)(1)(l)	OAC 3745-77-01(U)(1)
396	41	41-T-4	Z251	storage tank	OAC 3745-31-03(A)(1)(l)	OAC 3745-77-01(U)(1)
397	41	41-TC-1	Z253	trash compactor	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
398	44	44-HW-1	Z254	hot water tank - less than 10MMBtu/hr	OAC 3745-31-03(A)(1)(a)	OAC 3745-77-01(U)(3)
399	44	44-HW-2	Z255	hot water tank - less than 10MMBtu/hr	OAC 3745-31-03(A)(1)(a)	OAC 3745-77-01(U)(3)
400	46	46-0-B02-FH-04	Z256	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
401	46	46-0-B04-FH-01	Z257	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
402	46	46-0-B15-FH-03	Z258	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
403	46A	46A-0-B04-04		Lab isotemp oven	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)

404	46	46-1-101-SS-11	Z260	solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
#	Building or Location	Equipment Identification	Ohio EPA ID	Equipment Description	Basis for PTI Exemption/ Applicable Requirements	Insignificant (for Title V) per OAC 3745-77-01 (U)(1), (U)(2), or (U)(3)
405	46	46-1-102-SS-10	Z261	solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
406	46	46-1-103-SS-09	Z262	solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
407	46	46-1-105-SS-07	Z263	solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
408	46	46-1-105-SS-08	Z264	solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
409	46	46-1-107-SS-05	Z265	solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
410	46	46-1-107-SS-06	Z266	solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
411	46	46-1-108-SS-01	Z267	solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
412	46	46-1-108-SS-04	Z268	solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)

413	46	46-1-109-SS-02	Z269	solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
#	Building or Location	Equipment Identification	Ohio EPA ID	Equipment Description	Basis for PTI Exemption/ Applicable Requirements	Insignificant (for Title V) per OAC 3745-77-01 (U)(1), (U)(2), or (U)(3)
414	46	46-1-109-SS-03	Z270	solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
415	46A	46A-1-118A-FH-03	Z271	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
416	46A	46A-1-118A-FH-04	Z272	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
417	46A	46A-1-118A-FH-04A	Z273	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
418	46A	46A-1-118A-FH-05	Z274	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
419	46A	46A-1-118A-FH-05A	Z275	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
420	46A	46A-1-118A-FH-05B	Z276	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
421	46A	46A-1-118B-FH-06	Z277	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
422	46A	46A-1-118B-FH-06A	Z278	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
423	46A	46A-1-118B-FH-06B	Z279	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
424	46A	46A-1-118C-FH-07	Z280	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
425	46A	46A-1-118C-FH-08	Z281	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
426	46A	46A-1-118C-FH-08A	Z282	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)

427	46A	46A-1-118C-FH-08B	Z283	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
428	46	46-2-108-FH-18	Z285	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
429	46	46-2-201-FH-12	Z286	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
#	Building or Location	Equipment Identification	Ohio EPA ID	Equipment Description	Basis for PTI Exemption/ Applicable Requirements	Insignificant (for Title V) per OAC 3745-77-01 (U)(1), (U)(2), or (U)(3)
430	46	46-2-201-SS-12	Z287	solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
431	46	46-2-202-FH-13	Z288	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
432	46	46-2-202-SS-13	Z289	solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
433	46	46-2-203-FH-14	Z290	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
434	46	46-2-203-FH-15	Z291	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
435	46	46-2-203-FH-26A	Z292	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
436	46	46-2-203-SS-14	Z293	solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
437	46	46-2-203-SS-15	Z294	solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
438	46	46-2-205-FH-16	Z295	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)

439	46	46-2-205-FH-17	Z296	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
440	46	46-2-205-FH-26	Z297	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
441	46	46-2-205-SB-P-1	Z298	enclosed spraybooth; water clean	OAC 3745-15-05(B) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
442	46	46-2-205-SS-16	Z299	solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w)	OAC 3745-77-01(U)(1)
#	Building or Location	Equipment Identification	Ohio EPA ID	Equipment Description	Basis for PTI Exemption/ Applicable Requirements	Insignificant (for Title V) per OAC 3745-77-01 (U)(1), (U)(2), or (U)(3)
443	46	46-2-205-SS-17	Z300	solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
444	46	46-2-208-SS-18	Z301	solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
445	46	46-2-208-FH-18		lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
446	46	46-2-210-FH-24	Z302	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
447	46	46-2-210-SS-24	Z303	solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
448	46	46-2-211-FH-23	Z304	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
449	46	46-2-211-SS-23	Z305	solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
450	46	46-2-212-FH-22	Z306	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)

451	46	46-2-212-SS-22	Z307	solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
452	46	46-2-213-FH-21	Z308	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
453	46	46-2-213-SS-21	Z309	solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w)	OAC 3745-77-01(U)(1)
454	46	46-2-214-FH-19A	Z310	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
455	46	46-2-214-FH-20	Z311	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
#	Building or Location	Equipment Identification	Ohio EPA ID	Equipment Description	Basis for PTI Exemption/ Applicable Requirements	Insignificant (for Title V) per OAC 3745-77-01 (U)(1), (U)(2), or (U)(3)
456	46	46-2-214-SS-20	Z312	solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
457	46	46-2-215-FH-19	Z313	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
458	46	46-2-215-SS-19	Z314	solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
459	46A	46A-3-317-FH-23	Z315	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
460	46A	46A-3-317-FH-24	Z316	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
461	46A	46A-3-317-FH-25	Z317	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
462	46A	46A-3-317-FH-25A	Z318	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
463	46A	46A-3-317-FH-25B	Z319	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)

464	46A	46A-3-319-FH-19	Z320	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
465	46A	46A-3-319-FH-20	Z321	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
466	46A	46A-3-319-FH-21	Z322	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
467	46A	46A-3-319-FH-22	Z323	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
468	46A	46A-1-101-FH-11	Z325	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
469	46A	46A-1-102-FH-10	Z326	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
470	46A	46A-1-103-FH-09	Z327	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
#	Building or Location	Equipment Identification	Ohio EPA ID	Equipment Description	Basis for PTI Exemption/ Applicable Requirements	Insignificant (for Title V) per OAC 3745-77-01 (U)(1), (U)(2), or (U)(3)
471	46A	46A-1-105-FH-07	Z328	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
472	46A	46A-1-105-FH-08	Z329	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
473	46A	46A-1-107-FH-05	Z330	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
474	46A	46A-1-107-FH-06	Z331	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
475	46A	46A-1-108-FH-04	Z332	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
476	46A	46A-1-118A-SS-03	Z333	solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
477	46A	46A-1-118A-SS-04	Z334	solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)

478	46A	46A-1-118A-SS-05	Z335	solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
479	46A	46A-1-118B-SS-06	Z336	solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
480	46A	46A-1-118B-SS-07	Z337	solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
481	46A	46A-1-118C-SS-08	Z338	solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
482	46A	46A-2-216A-FH-11	Z339	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
#	Building or Location	Equipment Identification	Ohio EPA ID	Equipment Description	Basis for PTI Exemption/ Applicable Requirements	Insignificant (for Title V) per OAC 3745-77-01 (U)(1), (U)(2), or (U)(3)
483	46A	46A-2-216A-FH-12	Z340	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
484	46A	46A-2-216A-SS-11	Z341	solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
485	46A	46A-2-216A-SS-12	Z342	solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
486	46A	46A-2-216B-FH-13	Z343	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
487	46A	46A-2-216B-FH-14	Z344	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
488	46A	46A-2-216B-FH-15	Z345	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)

489	46A	46A-2-216B-SS-13	Z346	solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
490	46A	46A-2-216B-SS-14	Z347	solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
491	46A	46A-2-216B-SS-15	Z348	solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
492	46A	46A-2-216C-FH-16	Z349	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
493	46A	46A-2-216C-FH-17	Z350	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
494	46A	46A-2-216C-FH-18	Z351	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)
#	Building or Location	Equipment Identification	Ohio EPA ID	Equipment Description	Basis for PTI Exemption/ Applicable Requirements	Insignificant (for Title V) per OAC 3745-77-01 (U)(1), (U)(2), or (U)(3)
495	46A	46A-2-216C-SS-18		solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
496	46A	46A-2-216C-SS-16	Z352	solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
497	46A	46A-2-216C-SS-17	Z353	solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
498	46A	46A-2-217-FH-10	Z354	lab fume hood	OAC 3745-31-03(A)(1)(i)	OAC 3745-77-01(U)(1)

499	46A	46A-2-217-SS-10		solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
500	46A	46A-3-317-SS-23	Z356	solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
501	46A	46A-3-317-SS-25	Z358	solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
502	46A	46A-3-319-SS-19	Z359	solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
503	46A	46A-3-319-SS-20	Z360	solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
504	46A	46A-3-319-SS-21	Z361	solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
#	Building or Location	Equipment Identification	Ohio EPA ID	Equipment Description	Basis for PTI Exemption/ Applicable Requirements	Insignificant (for Title V) per OAC 3745-77-01 (U)(1), (U)(2), or (U)(3)
505	46A	46A-3-319-SS-22	Z362	solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
506	46A	46A-DYN-1	Z957	Premier Mill	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
507	46A	46A-DYN-2	Z958	Premier Mill	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
508	46A	46A-DYN-3	Z959	Premier Mill	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)

509	47	47-SS-9	Z363	solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
510	50	50-B-1	Z365	boiler - less than 10MMBtu/hr	OAC 3745-31-03(A)(1)(a)	OAC 3745-77-01(U)(1)
511	50	50-P-1	Z366	fire water pump - less than 10MMBtu/hr, operated less than 500 hours/year	OAC 3745-31-03(A)(1)(a) OAC 3745-31-03(nn)	OAC 3745-77-01(U)(1)
512	50	50-T-1	Z367	storage tank - less than 700-gallons	OAC 3745-31-03(A)(1)(l)(iii)	OAC 3745-77-01(U)(1)
513	50	50-T-2	Z368	storage tank - less than 700-gallons	OAC 3745-31-03(A)(1)(l)(iii)	OAC 3745-77-01(U)(1)
514	100	100-DM-1	Z369	dispense machine	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
515	100	100-DM-2	Z972	dispensing machine	OAC 3745-31-03(A)(1)(l)(iii)	OAC 3745-77-01(U)(1)
516	100	100-LB-1	Z370	lab bench	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
#	Building or Location	Equipment Identification	Ohio EPA ID	Equipment Description	Basis for PTI Exemption/ Applicable Requirements	Insignificant (for Title V) per OAC 3745-77-01 (U)(1), (U)(2), or (U)(3)
517	100	100-SS-10	Z371	solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
518	100	100-T-6001	Z960	storage tank	OAC 3745-31-03(A)(1)(l)(iii)	OAC 3745-77-01(U)(1)
519	100	100-T-6002	Z961	storage tank	OAC 3745-31-03(A)(1)(l)(iii)	OAC 3745-77-01(U)(1)
520	100	100-T-6003	Z962	storage tank	OAC 3745-31-03(A)(1)(l)(iii)	OAC 3745-77-01(U)(1)

521	100	100-T-6004	Z963	storage tank	OAC 3745-31-03(A)(1)(l)(iii)	OAC 3745-77-01(U)(1)
522	100	100-T-6005	Z964	storage tank	OAC 3745-31-03(A)(1)(l)(iii)	OAC 3745-77-01(U)(1)
523	100	100-T-6006	Z965	storage tank	OAC 3745-31-03(A)(1)(l)(iii)	OAC 3745-77-01(U)(1)
524	100	100-T-6007	Z966	storage tank	OAC 3745-31-03(A)(1)(l)(iii)	OAC 3745-77-01(U)(1)
525	100	100-T-6008	Z967	storage tank	OAC 3745-31-03(A)(1)(l)(iii)	OAC 3745-77-01(U)(1)
526	100	100-T-6009	Z968	storage tank	OAC 3745-31-03(A)(1)(l)(iii)	OAC 3745-77-01(U)(1)
527	100	100-T-6010	Z969	storage tank	OAC 3745-31-03(A)(1)(l)(iii)	OAC 3745-77-01(U)(1)
528	100	100-T-6011	Z970	storage tank	OAC 3745-31-03(A)(1)(l)(iii)	OAC 3745-77-01(U)(1)
529	100	100-T-6012	Z971	storage tank	OAC 3745-31-03(A)(1)(l)(iii)	OAC 3745-77-01(U)(1)
530	101	101-A-1	P142	agitator	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
531	101	101-A-2	P143	agitator	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
#	Building or Location	Equipment Identification	Ohio EPA ID	Equipment Description	Basis for PTI Exemption/ Applicable Requirements	Insignificant (for Title V) per OAC 3745-77-01 (U)(1), (U)(2), or (U)(3)
532	101	101-T-750	P144	waste water tank	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
533	200	200-H-1	Z372	heater - less than 10MMBtu/hr	OAC 3745-31-03(A)(1)(a)	OAC 3745-77-01(U)(1)
534	200	200-H-2	Z373	heater - less than 10MMBtu/hr	OAC 3745-31-03(A)(1)(a)	OAC 3745-77-01(U)(1)
535	200	200-H-3	Z374	heater - less than 10MMBtu/hr	OAC 3745-31-03(A)(1)(a)	OAC 3745-77-01(U)(1)

536	200	200-H-4	Z375	heater - less than 10MMBtu/hr	OAC 3745-31-03(A)(1)(a)	OAC 3745-77-01(U)(1)
537	200	200-H-5	Z376	heater - less than 10MMBtu/hr	OAC 3745-31-03(A)(1)(a)	OAC 3745-77-01(U)(1)
538	200	200-H-6	Z377	heater - less than 10MMBtu/hr	OAC 3745-31-03(A)(1)(a)	OAC 3745-77-01(U)(1)
539	200	200-H-7	Z378	heater - less than 10MMBtu/hr	OAC 3745-31-03(A)(1)(a)	OAC 3745-77-01(U)(1)
540	200	200-H-8	Z379	heater - less than 10MMBtu/hr	OAC 3745-31-03(A)(1)(a)	OAC 3745-77-01(U)(1)
541	200	200-H-9	Z380	heater - less than 10MMBtu/hr	OAC 3745-31-03(A)(1)(a)	OAC 3745-77-01(U)(1)
542	205	205-H-1	Z381	heater - less than 10MMBtu/hr	OAC 3745-31-03(A)(1)(a)	OAC 3745-77-01(U)(1)
543	205	205-H-2	Z382	heater - less than 10MMBtu/hr	OAC 3745-31-03(A)(1)(a)	OAC 3745-77-01(U)(1)
544	300	300-H-1	Z383	heater - less than 10MMBtu/hr	OAC 3745-31-03(A)(1)(a)	OAC 3745-77-01(U)(1)
545	300	300-H-2	Z384	heater - less than 10MMBtu/hr	OAC 3745-31-03(A)(1)(a)	OAC 3745-77-01(U)(1)
546	300	300-H-3	Z385	heater - less than 10MMBtu/hr	OAC 3745-31-03(A)(1)(a)	OAC 3745-77-01(U)(1)
547	300	300-H-4	Z386	heater - less than 10MMBtu/hr	OAC 3745-31-03(A)(1)(a)	OAC 3745-77-01(U)(1)
#	Building or Location	Equipment Identification	Ohio EPA ID	Equipment Description	Basis for PTI Exemption/ Applicable Requirements	Insignificant (for Title V) per OAC 3745-77-01 (U)(1), (U)(2), or (U)(3)
548	300	300-H-5	Z387	heater - less than 10MMBtu/hr	OAC 3745-31-03(A)(1)(a)	OAC 3745-77-01(U)(1)
549	300	300-H-6	Z388	heater - less than 10MMBtu/hr	OAC 3745-31-03(A)(1)(a)	OAC 3745-77-01(U)(1)
550	300	300-H-7	Z389	heater - less than 10MMBtu/hr	OAC 3745-31-03(A)(1)(a)	OAC 3745-77-01(U)(1)

551	300	300-H-8	Z390	heater - less than 10MMBtu/hr	OAC 3745-31-03(A)(1)(a)	OAC 3745-77-01(U)(1)
552	300	300-H-9	Z391	heater - less than 10MMBtu/hr	OAC 3745-31-03(A)(1)(a)	OAC 3745-77-01(U)(1)
553	300	300-SS-1	Z392	solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
554	300	300-SS-2	Z393	solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
555	500	500-H-1	Z394	heater - less than 10MMBtu/hr	OAC 3745-31-03(A)(1)(a)	OAC 3745-77-01(U)(1)
556	500	500-H-2	Z395	heater - less than 10MMBtu/hr	OAC 3745-31-03(A)(1)(a)	OAC 3745-77-01(U)(1)
557	600	600-B-1	Z396	boiler - less than 10MMBtu/hr	OAC 3745-31-03(A)(1)(a)	OAC 3745-77-01(U)(1)
558	600	600-H-01	Z397	heater - less than 10MMBtu/hr	OAC 3745-31-03(A)(1)(a)	OAC 3745-77-01(U)(1)
559	600	600-H-02	Z398	heater - less than 10MMBtu/hr	OAC 3745-31-03(A)(1)(a)	OAC 3745-77-01(U)(1)
560	600	600-H-03	Z399	heater - less than 10MMBtu/hr	OAC 3745-31-03(A)(1)(a)	OAC 3745-77-01(U)(1)
561	600	600-H-04	Z400	heater - less than 10MMBtu/hr	OAC 3745-31-03(A)(1)(a)	OAC 3745-77-01(U)(1)
562	600	600-H-05	Z401	heater - less than 10MMBtu/hr	OAC 3745-31-03(A)(1)(a)	OAC 3745-77-01(U)(1)
#	Building or Location	Equipment Identification	Ohio EPA ID	Equipment Description	Basis for PTI Exemption/ Applicable Requirements	Insignificant (for Title V) per OAC 3745-77-01 (U)(1), (U)(2), or (U)(3)
563	600	600-H-06	Z402	heater - less than 10MMBtu/hr	OAC 3745-31-03(A)(1)(a)	OAC 3745-77-01(U)(1)
564	600	600-H-07	Z403	heater - less than 10MMBtu/hr	OAC 3745-31-03(A)(1)(a)	OAC 3745-77-01(U)(1)

565	600	600-H-08	Z404	heater - less than 10MMBtu/hr	OAC 3745-31-03(A)(1)(a)	OAC 3745-77-01(U)(1)
566	600	600-H-09	Z405	heater - less than 10MMBtu/hr	OAC 3745-31-03(A)(1)(a)	OAC 3745-77-01(U)(1)
567	600	600-H-10	Z406	heater - less than 10MMBtu/hr	OAC 3745-31-03(A)(1)(a)	OAC 3745-77-01(U)(1)
568	600	600-H-11	Z407	heater - less than 10MMBtu/hr	OAC 3745-31-03(A)(1)(a)	OAC 3745-77-01(U)(1)
569	600	600-H-12	Z408	heater - less than 10MMBtu/hr	OAC 3745-31-03(A)(1)(a)	OAC 3745-77-01(U)(1)
570	600	600-H-13	Z409	heater - less than 10MMBtu/hr	OAC 3745-31-03(A)(1)(a)	OAC 3745-77-01(U)(1)
571	600	600-H-14	Z410	heater - less than 10MMBtu/hr	OAC 3745-31-03(A)(1)(a)	OAC 3745-77-01(U)(1)
572	600	600-LA-1	Z411	liquid preassembly	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
573	600	600-P-1	Z412	fire water pump - less than 10MMBtu/hr, less than 500 hours	OAC 3745-31-03(A)(1)(a) OAC 3745-31-03(nn)	OAC 3745-77-01(U)(1)
574	600	600-PA-1	Z413	pigment preassembly	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
575	600	600-SS-1	Z414	solvent sink (cold cleaner)	OAC 3745-31-03(A)(1)(w) OAC 3745-21-09(O)	OAC 3745-77-01(U)(1)
576	600	600-T-1	Z415	storage tank	OAC 3745-31-03(A)(1)(l)(iii)	OAC 3745-77-01(U)(1)
#	Building or Location	Equipment Identification	Ohio EPA ID	Equipment Description	Basis for PTI Exemption/ Applicable Requirements	Insignificant (for Title V) per OAC 3745-77-01 (U)(1), (U)(2), or (U)(3)
577	Backup	BACK-B-1	Z416	generator backup - less than 10MMBtu/hr	OAC 3745-31-03(A)(1)(a)	OAC 3745-77-01(U)(1)

578	Fuel Oil	FUEL-T-003	Z417	storage tank - less than 700 gallons	OAC 3745-31-03(A)(1)(l)(iii)	OAC 3745-77-01(U)(1)
579	Fuel Oil	FUEL-T-319	Z418	storage tank	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
580	Fuel Oil	FUEL-T-320	Z419	storage tank	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
581	PFV	Flanges 100% VOC	Z420	external flanges	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
582	PFV	Flanges 47% VOC	Z421	external flanges	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
583	PFV	Pumps 100% VOC	Z422	external pumps	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
584	PFV	Pumps 47% VOC	Z423	external pumps	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
585	PFV	Valves 100% VOC	Z424	external valves	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
586	PFV	Valves 47% VOC	Z425	external valves	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
587	Snow Melter	SNOW-B-1	Z426	snow melter	OAC 3745-31-03(A)(1)(a)	OAC 3745-77-01(U)(1)
588	Snow Melter	SNOW-T-1	Z427	storage tank	OAC 3745-31-03(A)(1)(l)(iii)	OAC 3745-77-01(U)(1)
589	Training Trailer	TT-H-1	Z428	boiler - less than 10MMBtu/hr	OAC 3745-31-03(A)(1)(a)	OAC 3745-77-01(U)(1)
#	Building or Location	Equipment Identification	Ohio EPA ID	Equipment Description	Basis for PTI Exemption/ Applicable Requirements	Insignificant (for Title V) per OAC 3745-77-01 (U)(1), (U)(2), or (U)(3)
590	Training Trailer	TT-H-2	Z429	boiler - less than 10MMBtu/hr	OAC 3745-31-03(A)(1)(a)	OAC 3745-77-01(U)(1)

591		Paint Manufacturing Operations	Z430	635 light service valves	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
592		Paint Manufacturing Operations	Z431	840 light liquid service flanges (connectors)	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)
593		Paint Manufacturing Operations	Z432	120 light liquid service pump seals	OAC 3745-15-05(B)	OAC 3745-77-01(U)(1)