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Facility Name: **Akzo Nobel Coatings Inc.**

Application Number: **01-6408**

Date: **October 20, 1999**

GENERAL PERMIT CONDITIONS

TERMINATION OF PERMIT TO INSTALL

Substantial construction for installation must take place within 18 months of the effective date of this permit. This deadline may be extended by up to 12 months if application is made to the Director within a reasonable time before the termination date and the party shows good cause for any such extension.

NOTICE OF INSPECTION

The Director of the Ohio Environmental Protection Agency, or his authorized representatives, may enter upon the premises of the above-named applicant during construction and operation at any reasonable time for the purpose of making inspections, conducting tests, or to examine records or reports pertaining to the construction, modification or installation of the source(s) of environmental pollutants identified within this permit.

CONSTRUCTION OF NEW SOURCES

The proposed source(s) shall be constructed in strict accordance with the plans and application submitted for this permit to the Director of the Ohio Environmental Protection Agency. There may be no deviation from the approved plans without the express, written approval of the Agency. Any deviations from the approved plans or the above conditions may lead to such sanctions and penalties as provided under Ohio law. Approval of these plans does not constitute an assurance that the proposed facilities will operate in compliance with all Ohio laws and regulations. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed sources are inadequate or cannot meet applicable standards.

If the construction of the proposed source(s) has already begun or has been completed prior to the date the Director of the Environmental Protection Agency approves the permit application and plans, the approval does not constitute expressed or implied assurance that the proposed facility has been constructed in accordance with the approved plans. The action of beginning and/or completing construction prior to obtaining the Director's approval constitutes a violation of Ohio Administrative Code (OAC) Rule 3745-31-02. Furthermore, issuance of the Permit to Install does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. Approval of the

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plans in any case is not to be construed as an approval of the facility as constructed and/or completed. Moreover, issuance of the Permit to Install is not to be construed as a waiver of any rights that the Ohio Environmental Protection Agency (or other persons) may have against the applicant for starting construction prior to the effective date of the permit. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed facilities cannot meet applicable standards.

PERMIT TO INSTALL FEE

In accordance with Ohio Revised Code 3745.11, the specified Permit to Install fee must be remitted within 30 days of the effective date of this permit to install.

PUBLIC DISCLOSURE

The facility is hereby notified that this permit, and all agency records concerning the operation of this permitted source, are subject to public disclosure in accordance with OAC Rule 3745-49-03.

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APPLICABILITY

This Permit to Install is applicable only to the contaminant sources identified. Separate application must be made to the Director for the installation or modification of any other contaminant sources.

BEST AVAILABLE TECHNOLOGY

As specified in OAC Rule 3745-31-05, all new sources must employ Best Available Technology (BAT). Compliance with the terms and conditions of this permit will fulfill this requirement.

PERMIT TO OPERATE APPLICATION

A Permit to Operate application must be submitted to the appropriate field office for each air contaminant source in this Permit to Install. In accordance with OAC Rule 3745-35-02, the application shall be filed no later than thirty days after commencement of operation.

SOURCE OPERATION AFTER COMPLETION OF CONSTRUCTION

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

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The air contaminant emissions units listed below comprise the Permit to Install for **Akzo Nobel Coatings Inc.** located in **Franklin** County. The emissions units listed below shall not exceed the emission limits/control requirements contained in the table. This condition in no way limits the applicability of any other state or federal regulations. Additionally, this condition does not limit the applicability of additional special terms and conditions of this permit.

Ohio EPA Source Number	Source Identification Description	BAT Determination	Applicable Federal & OAC Rules	Permit Allowable Mass Emissions and/or Control/Usage Requirements
B007 (Mod)	Emergency generator (EG-1), diesel-fired, 0.2732 MMBTU	Maximum weighted average sulphur content of 0.5 percent by weight for fuel. Compliance with permitted emissions limits and applicable rules.	3745-31-05	0.068 pound PM/hour 0.005 ton PM/year 0.079 pound SO ₂ /hour 0.006 ton SO ₂ /year 0.096 pound OC/hour 0.007 ton OC/year 1.204 pounds NO _x /hour 0.094 ton NO _x /year 0.259 pound CO/hour 0.02 ton CO/year
			3745-17-11	0.25 pound PM/MMBTU of actual heat input
B007 (Mod) Cont'd			3745-17-07	Opacity shall not exceed 20 percent as a 6-minute average. See Additional

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<u>Ohio EPA Source Number</u>	<u>Source Identification Number</u>	<u>BAT Determination</u>	<u>Applicable Federal & OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
				Special Terms and Conditions
F002 (Mod)	Plant roadways and parking areas	Use of dust suppressants. Compliance with permitted emissions limits and applicable rules.	3745-31-05 3745-17-08 3745-17-07 3745-15-07 3745-31-05	5.97 tons PM/year See Additional Special Terms and Conditions
J001 (Mod)	Resin Tanker loading arm (LA-195)	Use of bottom-loading vapor recovery system, and oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-21-07(E) 3745-31-05	0.15 pound OC/hour 0.025 ton OC/year See Additional Special Terms and Conditions
P201 (Mod)	Premix Tank (PM-241) with bag dump (BD-241), 1,100 gal	Use of fabric filter with an outlet grain loading of less than 0.017 gr/DSCF. Use of thermal incinerator with a minimum destruction efficiency of 97.55 percent.	3745-21-07 (G)(2) 3745-31-05 3745-17-11	0.333 pound PM/hour 0.017 gr/DSCF 0.68 ton PM/year 1.37 tons OC/year 8 pounds OC/hour 40 pounds OC/day
P201 (Mod) Cont'd			3745-17-07	The particulate emission limits established by this rule are less stringent than those limits established by BAT. Opacity shall

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<u>Ohio EPA Source Number</u>	<u>Source Identification Number</u>	<u>BAT Determination</u>	<u>Applicable Federal & OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
				not exceed 20 percent as a 6-minute average.
			3745-31-05	See Additional Special Terms and Conditions
P202 (Mod)	Thindown tank (TD-242), 2,000 gal	Use of fabric filter with an outlet grain loading of less than 0.014 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-21-07 (G)(2) 3745-17-11	0.027 pound PM/hour 0.0014 gr/DSCF 0.02 ton PM/year 0.68 ton OC/year 8 pounds OC/hour 40 pounds OC/day
			3745-17-07	The particulate emission limits established by this rule are less stringent than those limits established by BAT.
P202 (Mod) Cont'd				Opacity shall not exceed 20 percent as a 6-minute average.
			3745-31-05	See Additional Special Terms and Conditions.
P203 (Mod)	Premix Tank (PM-211) with Bag Dump (BD-211), 300 gal	Use of fabric filter with an outlet grain loading of less than 0.017 gr/DSCF. Use of a thermal oxidizer with a	3745-21-07 (G)(2)	0.333 pound PM/hour 0.017 gr/DSCF 0.68 ton PM/year 1.37 tons OC/year

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<u>Ohio EPA Source Number</u>	<u>Source Identification Number</u>	<u>BAT Determination</u>	<u>Applicable Federal & OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
		minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-17-11	8 pounds OC/hour 40 pounds OC/day
			3745-17-07	The particulate emission limits established by this rule are less stringent than those limits established by BAT.
			3745-31-05	Opacity shall not exceed 20 percent as a 6-minute average. See Additional Special Terms and Conditions.
P204 (Mod)	Premix Tank (PM-221) with Bag Dump (BD-221), 1,500 gal	Use of fabric filter with an outlet grain loading of less than 0.017 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-21-07 (G)(2)	0.333 pound PM/hour 0.017 gr/DSCF 0.68 ton PM/year 1.37 tons OC/year
			3745-17-11	8 pounds OC/hour 40 pounds OC/day
			3745-17-07	The particulate emission limits established by this rule are less stringent than those limits established by BAT.
				Opacity shall

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<u>Ohio EPA Source Number</u>	<u>Source Identification Number</u>	<u>BAT Determination</u>	<u>Applicable Federal & OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
				not exceed 20 percent as a 6-minute average.
			3745-31-05	See Additional Special Terms and Conditions.
P205 (Mod)	Premix Tank (PM-231) with Bag Dump (BD-231), 2,200 gal	Use of fabric filter with an outlet grain loading of less than 0.017 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-21-07 (G)(2)	0.333 pound PM/hour 0.017 gr/DSCF 0.68 ton PM/year 1.37 tons OC/year
P205 (Mod) Cont'd			3745-17-11	8 pounds OC/hour 40 pounds OC/day
			3745-17-07	The particulate emission limits established by this rule are less stringent than those limits established by BAT.
				Opacity shall not exceed 20 percent as a 6-minute average.
			3745-31-05	See Additional Special Terms and Conditions.
P206 (Mod)	Premix Tank (PM-251) with Bag Dump (BD-251), 1,100 gal	Use of fabric filter with an outlet grain loading of less than 0.017 gr/DSCF. Use of a thermal oxidizer with a minimum destruction	3745-21-07 (G)(2)	0.333 pound PM/hour 0.017 gr/DSCF 0.68 ton PM/year 1.37 tons OC/year

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P206 (Mod) Cont'd		efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-17-11	8 pounds OC/hour 40 pounds OC/day
			3745-17-07	The particulate emission limits established by this rule are less stringent than those limits established by BAT. Opacity shall not exceed 20 percent as a 6-minute average.
P207 (Mod)	Premix Tank (PM-261) with Bag Dump (BD-261), 600 gal	Use of fabric filter with an outlet grain loading of less than 0.017 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-21-07 (G)(2)	0.333 pound PM/hour 0.017 gr/DSCF 0.68 ton PM/year 1.37 tons OC/year
			3745-17-11	8 pounds OC/hour 40 pounds OC/day
			3745-17-07	The particulate emission limits established by this rule are less stringent than those limits established by BAT. Opacity shall not exceed 20

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				percent as a 6-minute average.
P208 (Mod)	Premix Tank (PM-271) with Bag Dump (BD-271), 600 gal	Use of fabric filter with an outlet grain loading of less than 0.017 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-31-05 3745-21-07 (G)(2) 3745-17-11 3745-17-07	See Additional Special Terms and Conditions. 0.333 pound PM/hour 0.017 gr/DSCF 0.68 ton PM/year 1.37 tons OC/year 8 pounds OC/hour 40 pounds OC/day The particulate emission limits established by this rule are less stringent than those limits established by BAT.
P209 (Mod)	Premix Tank (PM-281) with Bag Dump (BD-281), 300 gal	Use of fabric filter with an outlet grain loading of less than 0.017 gr/DSCF. Use of a thermal oxidizer with a minimum destruction	3745-31-05 3745-21-07 (G)(2)	See Additional Special Terms and Conditions. 0.333 pound PM/hour 0.017 gr/DSCF 0.68 ton PM/year 1.37 tons OC/year

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P209 (Mod) Cont'd		efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-17-11	8 pounds OC/hour 40 pounds OC/day
			3745-17-07	The particulate emission limits established by this rule are less stringent than those limits established by BAT.
P210 (Mod)	Premix Tank (PM-291) with Bag Dump (BD-291), 300 gal	Use of fabric filter with an outlet grain loading of less than 0.017 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-31-05 3745-21-07 (G)(2) 3745-17-11	See Additional Special Terms and Conditions. 0.333 pound PM/hour 0.017 gr/DSCF 0.68 ton PM/year 1.37 tons OC/year 8 pounds OC/hour 40 pounds OC/day
P210 (Mod) Cont'd			3745-17-07	The particulate emission limits established by this rule are less stringent than those limits established by BAT. Opacity shall not exceed 20

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		percent. Compliance with permitted emissions limits and applicable rules.	3745-17-11	8 pounds OC/hour 40 pounds OC/day
			3745-17-07	The particulate emission limits established by this rule are less stringent than those limits established by BAT.
P213 (Mod)	Thindown Tank (TD-213), 500 gal, Waterbase	Use of fabric filter with an outlet grain loading of less than 0.0014 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-31-05 3745-21-07 (G)(2)	See Additional Special Terms and Conditions. 0.027 pound PM/hour 0.02 ton PM/year 0.66 ton OC/year 0.0014 gr/DSCF
P213 (Mod) Cont'd			3745-17-11 3745-17-07	8 pounds OC/hour 40 pounds OC/day The particulate emission limits established by this rule are less stringent than those limits established by BAT. Opacity shall not exceed 20

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P214 (Mod)	Thindown Tank (TD-214), 500 gal, Waterbase	Use of fabric filter with an outlet grain loading of less than 0.0014 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-31-05 3745-21-07 (G)(2) 3745-17-11 3745-17-07	percent as a 6-minute average. See Additional Special Terms and Conditions. 0.027 pound PM/hour 0.02 ton PM/year 0.66 ton OC/year 0.0014 gr/DSCF 8 pounds OC/hour 40 pounds OC/day The particulate emission limits established by this rule are less stringent than those limits established by BAT.
P214 (Mod) Cont'd				Opacity shall not exceed 20 percent as a 6-minute average.
P215 (Mod)	Thindown Tank (TD-215), 500 gal, Waterbase	Use of fabric filter with an outlet grain loading of less than 0.0014 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance	3745-31-05 3745-21-07 (G)(2) 3745-17-11	See Additional Special Terms and Conditions. 0.027 pound PM/hour 0.02 ton PM/year 0.66 ton OC/year 0.0014 gr/DSCF 8 pounds OC/hour 40 pounds OC/day

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P216 (Mod)	Thindown Tank (TD-222), 4,000 gal, Waterbase	with permitted emissions limits and applicable rules.	3745-17-07	The particulate emission limits established by this rule are less stringent than those limits established by BAT.
			3745-31-05	Opacity shall not exceed 20 percent as a 6-minute average. See Additional Special Terms and Conditions.
	Thindown Tank (TD-223), 6,000 gal, Waterbase	Use of fabric filter with an outlet grain loading of less than 0.0014 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-21-07 (G)(2) 3745-17-11	0.027 pound PM/hour 0.02 ton PM/year 0.66 ton OC/year 0.0014 gr/DSCF 8 pounds OC/hour 40 pounds OC/day The particulate emission limits established by this rule are less stringent than those limits established by BAT.
			3745-17-07	Opacity shall not exceed 20 percent as a 6-minute average.

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P217 (Mod)	Thindown Tank (TD-224), 6,000 gal, Waterbase	Use of fabric filter with an outlet grain loading of less than 0.0014 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-31-05 3745-21-07 (G)(2) 3745-17-11 3745-17-07 3745-31-05	See Additional Special Terms and Conditions. 0.027 pound PM/hour 0.02 ton PM/year 0.66 ton OC/year 0.0014 gr/DSCF 8 pounds OC/hour 40 pounds OC/day The particulate emission limits established by this rule are less stringent than those limits established by BAT. Opacity shall not exceed 20 percent as a 6- minute average.
P218 (Mod)		Use of fabric filter with an outlet grain loading of less than 0.0014 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted		See Additional Special Terms and Conditions. 0.027 pound PM/hour 0.02 ton PM/year 0.66 ton OC/year 0.0014 gr/DSCF 8 pounds OC/hour 40 pounds OC/day The particulate

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P218 (Mod) Cont'd	Thindown Tank (TD-232), 4,000 gal	emissions limits and applicable rules.	3745-17-07	emission limits established by this rule are less stringent than those limits established by BAT.
			3745-31-05	Opacity shall not exceed 20 percent as a 6-minute average.
P219 (Mod)	Thindown Tank (TD-233), 6,000 gal	emissions limits and applicable rules.	3745-21-07 (G)(2)	0.027 pound PM/hour
			3745-17-11	0.02 ton PM/year 0.66 ton OC/year 0.0014 gr/DSCF
		Use of fabric filter with an outlet grain loading of less than 0.0014 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted		8 pounds OC/hour 40 pounds OC/day
		emissions limits and applicable rules.	3745-17-07	The particulate emission limits established by this rule are less stringent than those limits established by BAT.
			3745-31-05	Opacity shall not exceed 20 percent as a 6-minute average.
				See Additional

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Ohio EPA Source Number	Source Identification Number	BAT Determination	Applicable Federal & OAC Rules	Permit Allowable Mass Emissions and/or Control/Usage Requirements
	Thindown Tank (TD-267), 500 gal, CLEARS	applicable rules.	3745-17-07	emission limits established by this rule are less stringent than those limits established by BAT.
			3745-31-05	Opacity shall not exceed 20 percent as a 6- minute average.
P222 (Mod)			3745-21-07	See Additional Special Terms and Conditions.
		Use of fabric filter with an outlet grain loading of less than 0.0014 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	(G)(2) 3745-17-11	0.027 pound PM/hour 0.02 ton PM/year 0.66 ton OC/year 0.0014 gr/DSCF
	Thindown Tank (TD-243), 2,000 gal	applicable rules.	3745-17-07	8 pounds OC/hour 40 pounds OC/day The particulate emission limits established by this rule are less stringent than those limits established by BAT.
P222 (Mod) Cont'd			3745-31-05	Opacity shall not exceed 20 percent as a 6- minute average. See Additional

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P223 (Mod)			3745-21-07 (G)(2)	Special Terms and Conditions.
		Use of fabric filter with an outlet grain loading of less than 0.0014 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-17-11	0.027 pound PM/hour 0.02 ton PM/year 0.66 ton OC/year 0.0014 gr/DSCF
	Thindown Tank (TD-244), 2,000 gal		3745-17-07	8 pounds OC/hour 40 pounds OC/day The particulate emission limits established by this rule are less stringent than those limits established by BAT.
			3745-31-05	Opacity shall not exceed 20 percent as a 6-minute average.
P224 (Mod)			3745-21-07 (G)(2)	See Additional Special Terms and Conditions.
		Use of fabric filter with an outlet grain loading of less than 0.0014 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and	3745-17-11	0.027 pound PM/hour 0.02 ton PM/year 0.66 ton OC/year 0.0014 gr/DSCF
	Thindown Tank			8 pounds OC/hour 40 pounds OC/day The particulate emission limits

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	(TD-252), 2,000 gal	applicable rules.	3745-17-07	established by this rule are less stringent than those limits established by BAT.
			3745-31-05	Opacity shall not exceed 20 percent as a 6-minute average.
P226 (Mod)			3745-21-07 (G)(2)	See Additional Special Terms and Conditions.
		Use of fabric filter with an outlet grain loading of less than 0.0014 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-17-11	0.027 pound PM/hour 0.02 ton PM/year 0.66 ton OC/year 0.0014 gr/DSCF
P226 (Mod) Cont'd	Thindown Tank (TD-253), 2,000 gal		3745-17-07	8 pounds OC/hour 40 pounds OC/day The particulate emission limits established by this rule are less stringent than those limits established by BAT.
			3745-31-05	Opacity shall not exceed 20 percent as a 6-minute average.
				See Additional

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P227 (Mod)			3745-21-07 (G)(2)	Special Terms and Conditions.
		Use of fabric filter with an outlet grain loading of less than 0.0014 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-17-11	0.027 pound PM/hour 0.02 ton PM/year 0.66 ton OC/year 0.0014 gr/DSCF
	Thindown Tank (TD-254), 2,000 gal		3745-17-07	8 pounds OC/hour 40 pounds OC/day The particulate emission limits established by this rule are less stringent than those limits established by BAT.
P227 (Mod) Cont'd			3745-31-05	Opacity shall not exceed 20 percent as a 6-minute average.
P228 (Mod)			3745-21-07 (G)(2)	See Additional Special Terms and Conditions.
		Use of fabric filter with an outlet grain loading of less than 0.0014 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-17-11	0.027 pound PM/hour 0.02 ton PM/year 0.66 ton OC/year 0.0014 gr/DSCF
			3745-17-07	8 pounds OC/hour 40 pounds OC/day The particulate emission limits established by

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	Thindown Tank (TD-255), 2,000 gal			this rule are less stringent than those limits established by BAT.
			3745-31-05	Opacity shall not exceed 20 percent as a 6-minute average.
			3745-21-07 (G)(2)	See Additional Special Terms and Conditions.
P229 (Mod)		Use of fabric filter with an outlet grain loading of less than 0.0014 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-17-11	0.027 pound PM/hour 0.02 ton PM/year 0.66 ton OC/year 0.0014 gr/DSCF
	Thindown Tank (TD-262), 1,000 gal		3745-17-07	8 pounds OC/hour 40 pounds OC/day
			3745-31-05	The particulate emission limits established by this rule are less stringent than those limits established by BAT.
			3745-31-05	Opacity shall not exceed 20 percent as a 6-minute average.
			3745-21-07 (G)(2)	See Additional Special Terms

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<u>Ohio EPA Source Number</u>	<u>Source Identification Number</u>	<u>BAT Determination</u>	<u>Applicable Federal & OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
P230 (Mod)		Use of fabric filter with an outlet grain loading of less than 0.0014 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and	3745-17-11	and Conditions. 0.027 pound PM/hour 0.02 ton PM/year 0.66 ton OC/year 0.0014 gr/DSCF 8 pounds OC/hour 40 pounds OC/day
P230 (Mod) Cont'd	Thindown Tank (TD-263), 1,000 gal	emissions limits and applicable rules.	3745-17-07	The particulate emission limits established by this rule are less stringent than those limits established by BAT.
			3745-31-05	Opacity shall not exceed 20 percent as a 6-minute average.
			3745-21-07 (G)(2)	See Additional Special Terms and Conditions.
P231 (Mod)		Use of fabric filter with an outlet grain loading of less than 0.0014 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and	3745-17-11	0.027 pound PM/hour 0.02 ton PM/year 0.66 ton OC/year 0.0014 gr/DSCF 8 pounds OC/hour 40 pounds OC/day The particulate emission limits established by

Facility Name: **Akzo Nobel Coatings Inc.**

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<u>Ohio EPA Source Number</u>	<u>Source Identification Number</u>	<u>BAT Determination</u>	<u>Applicable Federal & OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
	Thindown Tank (TD-264), 1,000 gal			this rule are less stringent than those limits established by BAT.
P231 (Mod) Cont'd			3745-31-05	
			3745-21-07 (G)(2)	Opacity shall not exceed 20 percent as a 6-minute average. See Additional Special Terms and Conditions.
P232 (Mod)		Use of fabric filter with an outlet grain loading of less than 0.0014 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-17-11	0.027 pound PM/hour 0.02 ton PM/year 0.66 ton OC/year 0.0014 gr/DSCF 8 pounds OC/hour 40 pounds OC/day
	Thindown Tank (TD-265), 1,000 gal		3745-17-07	The particulate emission limits established by this rule are less stringent than those limits established by BAT.
			3745-31-05	Opacity shall not exceed 20 percent as a 6-minute average.
			3745-21-07 (G)(2)	See Additional Special Terms and Conditions.

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P233 (Mod)		Use of fabric filter with an outlet grain loading of less than 0.0014 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-17-11	0.027 pound PM/hour 0.02 ton PM/year 0.66 ton OC/year 0.0014 gr/DSCF
	Thindown Tank (TD-266), 1,000 gal		3745-17-07	8 pounds OC/hour 40 pounds OC/day
			3745-31-05	The particulate emission limits established by this rule are less stringent than those limits established by BAT.
			3745-21-07 (G)(2)	Opacity shall not exceed 20 percent as a 6-minute average.
P234 (Mod)		Use of fabric filter with an outlet grain loading of less than 0.0014 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-17-11	See Additional Special Terms and Conditions. 0.027 pound PM/hour 0.02 ton PM/year 0.66 ton OC/year 0.0014 gr/DSCF
P234 (Mod) Cont'd			3745-17-07	8 pounds OC/hour 40 pounds OC/day The particulate emission limits

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<u>Ohio EPA Source Number</u>	<u>Source Identification Number</u>	<u>BAT Determination</u>	<u>Applicable Federal & OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
	Thindown Tank (TD-272), 1,000 gal		3745-31-05	established by this rule are less stringent than those limits established by BAT.
			3745-21-07 (G)(2)	Opacity shall not exceed 20 percent as a 6-minute average.
P235 (Mod)		Use of fabric filter with an outlet grain loading of less than 0.0014 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-17-11	See Additional Special Terms and Conditions.
			3745-17-07	0.027 pound PM/hour 0.02 ton PM/year 0.66 ton OC/year 0.0014 gr/DSCF
	Thindown Tank (TD-273), 1,000 gal		3745-31-05	8 pounds OC/hour 40 pounds OC/day
P235 (Mod) Cont'd			3745-21-07 (G)(2)	The particulate emission limits established by this rule are less stringent than those limits established by BAT.
			3745-17-11	Opacity shall not exceed 20 percent as a 6-minute average.
			3745-17-11	See Additional Special Terms

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P236 (Mod)		Use of fabric filter with an outlet grain loading of less than 0.0014 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-17-07	and Conditions. 0.027 pound PM/hour 0.02 ton PM/year 0.66 ton OC/year 0.0014 gr/DSCF
	Thindown Tank (TD-274), 1,000 gal		3745-31-05	8 pounds OC/hour 40 pounds OC/day The particulate emission limits established by this rule are less stringent than those limits established by BAT.
			3745-21-07 (G)(2)	Opacity shall not exceed 20 percent as a 6-minute average.
			3745-17-11	See Additional Special Terms and Conditions.
P237 (Mod)		Use of fabric filter with an outlet grain loading of less than 0.0014 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-17-07	0.027 pound PM/hour 0.02 ton PM/year 0.66 ton OC/year 0.0014 gr/DSCF
	Thindown Tank			8 pounds OC/hour 40 pounds OC/day The particulate emission limits established by

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<u>Ohio EPA Source Number</u>	<u>Source Identification Number</u>	<u>BAT Determination</u>	<u>Applicable Federal & OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
	(TD-275), 1,000 gal		3745-31-05	this rule are less stringent than those limits established by BAT.
			3745-21-07 (G)(2)	Opacity shall not exceed 20 percent as a 6-minute average.
			3745-17-11	See Additional Special Terms and Conditions.
P238 (Mod)		Use of fabric filter with an outlet grain loading of less than 0.0014 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-17-07	0.027 pound PM/hour 0.02 ton PM/year 0.66 ton OC/year 0.0014 gr/DSCF
P238 (Mod) Cont'd	Thindown Tank (TD-276), 1,000 gal		3745-31-05	8 pounds OC/hour 40 pounds OC/day
			3745-21-07 (G)(2)	The particulate emission limits established by this rule are less stringent than those limits established by BAT.
			3745-17-11	Opacity shall not exceed 20 percent as a 6-minute average.
		Use of fabric filter		See Additional Special Terms

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P239 (Mod)		with an outlet grain loading of less than 0.0014 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-17-07	and Conditions. 0.027 pound PM/hour 0.02 ton PM/year 0.66 ton OC/year 0.0014 gr/DSCF 8 pounds OC/hour 40 pounds OC/day
	Thindown Tank (TD-282), 500 gal		3745-31-05	The particulate emission limits established by this rule are less stringent than those limits established by BAT.
P239 (Mod) Cont'd			3745-21-07 (G)(2) 3745-17-11	Opacity shall not exceed 20 percent as a 6-minute average. See Additional Special Terms and Conditions.
P240 (Mod)		Use of fabric filter with an outlet grain loading of less than 0.0014 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-17-07	0.027 pound PM/hour 0.02 ton PM/year 0.66 ton OC/year 0.0014 gr/DSCF 8 pounds OC/hour 40 pounds OC/day The particulate emission limits established by this rule are

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<u>Ohio EPA Source Number</u>	<u>Source Identification Number</u>	<u>BAT Determination</u>	<u>Applicable Federal & OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
P241 (Mod)	Thindown Tank (TD-283), 500 gal		3745-31-05	less stringent than those limits established by BAT.
			3745-21-07 (G)(2)	Opacity shall not exceed 20 percent as a 6-minute average.
			3745-17-11	See Additional Special Terms and Conditions.
	Thindown Tank (TD-284), 500 gal	Use of fabric filter with an outlet grain loading of less than 0.0014 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-17-07	0.027 pound PM/hour 0.02 ton PM/year 0.66 ton OC/year 0.0014 gr/DSCF
			3745-31-05	8 pounds OC/hour 40 pounds OC/day
			3745-31-05	The particulate emission limits established by this rule are less stringent than those limits established by BAT.
			3745-21-07 (G)(2)	Opacity shall not exceed 20 percent as a 6-minute average.
			3745-17-11	See Additional Special Terms and Conditions.

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P242 (Mod)		loading of less than 0.0014 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-17-07	0.027 pound PM/hour 0.02 ton PM/year 0.66 ton OC/year 0.0014 gr/DSCF 8 pounds OC/hour 40 pounds OC/day
P242 (Mod) Cont'd	Thindown Tank (TD-285), 500 gal		3745-31-05	The particulate emission limits established by this rule are less stringent than those limits established by BAT.
P243 (Mod)		Use of fabric filter with an outlet grain loading of less than 0.0014 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-21-07 (G)(2) 3745-17-11	Opacity shall not exceed 20 percent as a 6- minute average. See Additional Special Terms and Conditions. 0.027 pound PM/hour 0.02 ton PM/year 0.66 ton OC/year 0.0014 gr/DSCF 8 pounds OC/hour 40 pounds OC/day
			3745-31-05	The particulate emission limits established by this rule are

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	Thindown Tank (TD-286), 500 gal			less stringent than those limits established by BAT.
P243 (Mod) Cont'd			3745-21-07 (G)(2)	
			3745-17-11	Opacity shall not exceed 20 percent as a 6-minute average.
P244 (Mod)		Use of fabric filter with an outlet grain loading of less than 0.0014 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-17-07	See Additional Special Terms and Conditions. 0.027 pound PM/hour 0.02 ton PM/year 0.66 ton OC/year 0.0014 gr/DSCF 8 pounds OC/hour 40 pounds OC/day
	Thindown Tank (TD-292), 500 gal			The particulate emission limits established by this rule are less stringent than those limits established by BAT.
			3745-31-05	
			3745-21-07 (G)(2)	Opacity shall not exceed 20 percent as a 6-minute average.
			3745-17-11	See Additional Special Terms and Conditions.
		Use of fabric filter		

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P245 (Mod)	Thindown Tank (TD-293), 500 gal	with an outlet grain loading of less than 0.0014 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-17-07	0.027 pound PM/hour 0.02 ton PM/year 0.66 ton OC/year 0.0014 gr/DSCF
			3745-31-05	8 pounds OC/hour 40 pounds OC/day The particulate emission limits established by this rule are less stringent than those limits established by BAT.
			3745-21-07 (G)(2)	Opacity shall not exceed 20 percent as a 6- minute average.
			3745-17-11	See Additional Special Terms and Conditions.
P246 (Mod)		Use of fabric filter with an outlet grain loading of less than 0.0014 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-17-07	0.027 pound PM/hour 0.02 ton PM/year 0.66 ton OC/year 0.0014 gr/DSCF
				8 pounds OC/hour 40 pounds OC/day
P246 (Mod) Cont'd			3745-31-05	The particulate emission limits established by this rule are

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	Thindown Tank (TD-294), 500 gal		3745-21-07 (G)(2)	less stringent than those limits established by BAT.
			3745-17-11	Opacity shall not exceed 20 percent as a 6-minute average.
P247 (Mod)		Use of fabric filter with an outlet grain loading of less than 0.0014 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-17-07	See Additional Special Terms and Conditions. 0.027 pound PM/hour 0.02 ton PM/year 0.66 ton OC/year 0.0014 gr/DSCF
			3745-31-05	8 pounds OC/hour 40 pounds OC/day The particulate emission limits established by this rule are less stringent than those limits established by BAT.
	Thindown Tank (TD-295), 500 gal		3745-21-07 (G)(2)	
P247 (Mod) Cont'd			3745-17-11	Opacity shall not exceed 20 percent as a 6-minute average.
		Use of fabric filter with an outlet grain		See Additional Special Terms and Conditions.

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P248 (Mod)		loading of less than 0.0014 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-17-07	0.027 pound PM/hour 0.02 ton PM/year 0.66 ton OC/year 0.0014 gr/DSCF 8 pounds OC/hour 40 pounds OC/day
	Thindown Tank (TD-296), 500 gal		3745-31-05	The particulate emission limits established by this rule are less stringent than those limits established by BAT.
			3745-21-07 (G)(2)	
			3745-17-11	Opacity shall not exceed 20 percent as a 6-minute average. See Additional Special Terms and Conditions.
P249 (Mod)		Use of fabric filter with an outlet grain loading of less than 0.0014 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-17-07	0.027 pound PM/hour 0.02 ton PM/year 0.66 ton OC/year 0.0014 gr/DSCF 8 pounds OC/hour 40 pounds OC/day
	Thindown Tank		3745-31-05	The particulate emission limits established by this rule are less stringent

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	(TD-297), 500 gal		3745-21-07 (G)(2)	than those limits established by BAT.
			3745-17-11	Opacity shall not exceed 20 percent as a 6- minute average.
P250 (Mod)		Use of fabric filter with an outlet grain loading of less than 0.0014 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-17-07	See Additional Special Terms and Conditions. 0.027 pound PM/hour 0.02 ton PM/year 0.66 ton OC/year 0.0014 gr/DSCF
P250 (Mod) Cont'd			3745-31-05	8 pounds OC/hour 40 pounds OC/day
	Thindown Tank (TD-302), 500 gal		3745-21-07 (G)(2)	The particulate emission limits established by this rule are less stringent than those limits established by BAT.
			3745-17-11	Opacity shall not exceed 20 percent as a 6- minute average.
		Use of fabric filter with an outlet grain loading of less than	3745-17-07	See Additional Special Terms and Conditions.

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P251 (Mod)	Thindown Tank (TD-303), 500 gal	0.0014 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-31-05 3745-21-07 (G)(2) 3745-17-11	0.027 pound PM/hour 0.02 ton PM/year 0.66 ton OC/year 0.0014 gr/DSCF 8 pounds OC/hour 40 pounds OC/day The particulate emission limits established by this rule are less stringent than those limits established by BAT.
P251 (Mod) Cont'd				Opacity shall not exceed 20 percent as a 6- minute average. See Additional Special Terms and Conditions.
P252 (Mod)		Use of fabric filter with an outlet grain loading of less than 0.0014 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-17-07 3745-31-05	0.027 pound PM/hour 0.02 ton PM/year 0.66 ton OC/year 0.0014 gr/DSCF 8 pounds OC/hour 40 pounds OC/day The particulate emission limits established by this rule are less stringent than those

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	Thindown Tank (TD-304), 500 gal		3745-21-07 (G)(2) 3745-17-11	limits established by BAT. Opacity shall not exceed 20 percent as a 6-minute average. See Additional Special Terms and Conditions.
P253 (Mod)		Use of fabric filter with an outlet grain loading of less than 0.0014 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-17-07 3745-31-05	0.027 pound PM/hour 0.02 ton PM/year 0.66 ton OC/year 0.0014 gr/DSCF 8 pounds OC/hour 40 pounds OC/day
	Thindown Tank (TD-305), 500 gal		3745-21-07 (G)(2) 3745-17-11	The particulate emission limits established by this rule are less stringent than those limits established by BAT. Opacity shall not exceed 20 percent as a 6-minute average. See Additional Special Terms and Conditions.
P254		Use of fabric filter with an outlet grain loading of less than 0.0014 gr/DSCF. Use	3745-17-07	0.027 pound

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(Mod)		of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-31-05	PM/hour 0.02 ton PM/year 0.66 ton OC/year 0.0014 gr/DSCF 8 pounds OC/hour 40 pounds OC/day
P254 (Mod) Cont'd	Thindown Tank (TD-306), 500 gal		3745-21-07 (G)(2)	The particulate emission limits established by this rule are less stringent than those limits established by BAT.
P255 (Mod)		Use of fabric filter with an outlet grain loading of less than 0.0014 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-17-07	Opacity shall not exceed 20 percent as a 6-minute average. See Additional Special Terms and Conditions. 0.027 pound PM/hour 0.02 ton PM/year 0.66 ton OC/year 0.0014 gr/DSCF 8 pounds OC/hour 40 pounds OC/day
			3745-31-05	The particulate emission limits established by this rule are less stringent than those

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P255 (Mod) Cont'd	Premix Tank (PM-751) 600 gal, Strontium Slurry		3745-21-07 (G)(2)	limits established by BAT.
			3745-17-11	Opacity shall not exceed 20 percent as a 6- minute average.
P256 (Mod)		Use of fabric filter with an outlet grain loading of less than 8.07 E-7 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-17-07	See Additional Special Terms and Conditions. 6.75 E-6 pounds PM/hour 8.07 E-7 gr/DSCF 2.28 E-6 tons PM/year 0.0036 ton OC/year
			3745-31-05	8 pounds OC/hour 40 pounds OC/day
				The particulate emission limits established by this rule are less stringent than those limits established by BAT.
	Premix Tank (PM-761) 1,500 gal, Strontium Slurry		3745-21-07 (G)(2)	limits established by BAT.
			3745-17-11	Opacity shall not exceed 20 percent as a 6- minute average.
P257		Use of fabric filter with an outlet grain loading of less than		See Additional Special Terms and Conditions.

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(Mod)		8.07 E-7 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-17-07	6.75 E-6 pounds PM/hour 8.07 E-7 gr/DSCF 2.28 E-6 tons PM/year 0.0036 ton OC/year
	Filter Cart, FC-1		3745-31-05 3745-21-07 (G)(2)	8 pounds OC/hour 40 pounds OC/day The particulate emission limits established by this rule are less stringent than those limits established by BAT.
	Filter Cart, FC-2		3745-31-05 3745-21-07 (G)(2)	Opacity shall not exceed 20 percent as a 6-minute average.
P258 (Mod)	Filter Cart, FC-3	Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-31-05 3745-21-07 (G)(2)	See Additional Special Terms and Conditions. 0.90 ton OC/year 8 pounds OC/hour 40 pounds OC/day
P259 (Mod)		Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-31-05 3745-21-07 (G)(2)	See Additional Special Terms and Conditions 0.90 ton OC/year 8 pounds OC/hour 40 pounds OC/day

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P260 (Mod)	Filter Cart, FC-4	Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-31-05	See Additional Special Terms and Conditions 0.90 ton OC/year 8 pounds OC/hour 40 pounds OC/day
P261 (Mod)	Premix Tank Strontium Slurry, (PM-771) 100 gal	Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-21-07 (G)(2) 3745-17-11	See Additional Special Terms and Conditions 0.90 ton OC/year 8 pounds OC/hour 40 pounds OC/day
P262 (Mod)		Use of fabric filter with an outlet grain loading of less than 8.07 E-7 gr/DSCF.	3745-17-07	See Additional Special Terms and Conditions 0.0036 ton OC/year 6.75 E-6 pounds PM/hour 8.07 E-7 gr/DSCF 2.28 E-6 tons PM/year
P262 (Mod) Cont'd		Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-31-05	8 pounds OC/hour 40 pounds OC/day
			3745-21-07 (G)(2)	The particulate emissions limits established by this rule are less stringent than those limits established by
	Portable Tank Mixing Station		3745-17-11	BAT.

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	(AG-701)			Opacity shall not exceed 20 percent as a 6-minute average.
P275 (Mod)		Use of a fabric filter with an outlet grain loading of less than 0.019 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-17-07	See Additional Special Terms and Conditions. 0.14 pound PM/hour 0.019 gr/DSCF 0.06 ton PM/year 5.72 tons OC/year
			3745-21-07 (G)(2)	The particulate emission limits established by this rule are less stringent than those limits established by BAT.
P275 (Mod) Cont'd	Portable Tank Mixing Station (AG-702)		3745-17-11	Opacity shall not exceed 20 percent as a 6-minute average.
P276 (Mod)		Use of a fabric filter with an outlet grain loading of less than 0.019 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55		See Additional Special Terms and Conditions. 0.14 pound PM/hour 0.019 gr/DSCF 0.06 ton PM/year 5.72 tons

Facility Name: **Akzo Nobel Coatings Inc.**

Application Number: **01-6408**

Date: **October 20, 1999**

<u>Ohio EPA Source Number</u>	<u>Source Identification Number</u>	<u>BAT Determination</u>	<u>Applicable Federal & OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
		percent. Compliance with permitted emissions limits and applicable rules.	3745-31-05	OC/year 8 pounds OC/hour 40 pounds OC/day
			3745-21-07 (G)(2)	The particulate emission limits established by this rule are less stringent than those limits established by BAT.
	Portable Tank Mixing Station (AG-703)		3745-17-11	Opacity shall not exceed 20 percent as a 6-minute average.
P277 (Mod)		Use of a fabric filter with an outlet grain loading of less than 0.019 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-17-07 3745-31-05	See Additional Special Terms and Conditions. 0.14 pound PM/hour 0.019 gr/DSCF 0.06 ton PM/year 5.72 tons OC/year
			3745-21-07 (G)(2)	The particulate emission limits established by this rule are less stringent than those limits established by BAT.
	Portable Tank Mixing Station (AG-		3745-17-11	

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	704)			Opacity shall not exceed 20 percent as a 6-minute average.
P278 (Mod)		Use of a fabric filter with an outlet grain loading of less than 0.019 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-17-07 3745-31-05	See Additional Special Terms and Conditions. 0.14 pound PM/hour 0.019 gr/DSCF 0.06 ton PM/year 5.72 tons OC/year
P278 (Mod) Cont'd			3745-21-07 (G)(2) 3745-17-11	8 pounds OC/hour 40 pounds OC/day The particulate emission limits established by this rule are less stringent than those limits established by BAT.
	Portable Tank Mixing Station (AG-705)			Opacity shall not exceed 20 percent as a 6-minute average.
P279 (Mod)		Use of a fabric filter with an outlet grain loading of less than 0.019 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance	3745-17-07	See Additional Special Terms and Conditions. 0.14 pound PM/hour 0.019 gr/DSCF 0.06 ton PM/year 5.72 tons

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<u>Ohio EPA Source Number</u>	<u>Source Identification Number</u>	<u>BAT Determination</u>	<u>Applicable Federal & OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
		with permitted emissions limits and applicable rules.	3745-31-05	OC/year 8 pounds OC/hour 40 pounds OC/day
P279 (Mod) Cont'd	Portable Tank Mixing Station (AG-706)		3745-21-07 (G)(2) 3745-17-11	The particulate emission limits established by this rule are less stringent than those limits established by BAT. Opacity shall not exceed 20 percent as a 6-minute average.
P280 (Mod)		Use of a fabric filter with an outlet grain loading of less than 0.019 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-17-07 3745-31-05	See Additional Special Terms and Conditions. 0.14 pound PM/hour 0.019 gr/DSCF 0.06 ton PM/year 5.72 tons OC/year
			3745-21-07 (G)(2) 3745-17-11	8 pounds OC/hour 40 pounds OC/day The particulate emission limits established by this rule are less stringent than those limits established by BAT.
	Portable Tank Mixing			

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	Station (AG-707)			Opacity shall not exceed 20 percent as a 6-minute average.
P281 (Mod)		Use of a fabric filter with an outlet grain loading of less than 0.019 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-17-07 3745-31-05	See Additional Special Terms and Conditions. 0.14 pound PM/hour 0.019 gr/DSCF 0.06 ton PM/year 5.72 tons OC/year
			3745-21-07 (G)(2)	The particulate emission limits established by this rule are less stringent than those limits established by BAT.
	Portable Tank Mixing Station (AG-708)		3745-17-11	Opacity shall not exceed 20 percent as a 6-minute average.
P282 (Mod)		Use of a fabric filter with an outlet grain loading of less than 0.019 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55	3745-17-07	See Additional Special Terms and Conditions. 0.14 pound PM/hour 0.019 gr/DSCF 0.06 ton PM/year 5.72 tons

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<u>Ohio EPA Source Number</u>	<u>Source Identification Number</u>	<u>BAT Determination</u>	<u>Applicable Federal & OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
P282 (Mod) Cont'd		percent. Compliance with permitted emissions limits and applicable rules.	3745-31-05	OC/year 8 pounds OC/hour 40 pounds OC/day
			3745-21-07 (G)(2)	The particulate emission limits established by this rule are less stringent than those limits established by BAT.
	Portable Tank Mixing Station (AG-709)		3745-17-11	Opacity shall not exceed 20 percent as a 6-minute average.
P283 (Mod)		Use of a fabric filter with an outlet grain loading of less than 0.019 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-17-07	See Additional Special Terms and Conditions. 0.14 pound PM/hour 0.019 gr/DSCF 0.06 ton PM/year 5.72 tons OC/year
			3745-31-05	8 pounds OC/hour 40 pounds OC/day
			3745-21-07 (G)(2)	The particulate emission limits established by this rule are less stringent than those limits established by BAT.
P283 (Mod) Cont'd	Portable Tank Mixing		3745-17-11	

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	Station (AG-710)			Opacity shall not exceed 20 percent as a 6-minute average.
P284 (Mod)		Use of a fabric filter with an outlet grain loading of less than 0.019 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-17-07	See Additional Special Terms and Conditions.
			3745-31-05	0.14 pound PM/hour 0.019 gr/DSCF 0.06 ton PM/year 5.72 tons OC/year
			3745-21-07 (G)(2)	8 pounds OC/hour 40 pounds OC/day
			3745-17-11	The particulate emission limits established by this rule are less stringent than those limits established by BAT.
	Portable Tank Mixing Station (AG-711)			Opacity shall not exceed 20 percent as a 6-minute average.
P285 (Mod)		Use of a fabric filter with an outlet grain loading of less than 0.019 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance	3745-17-07	See Additional Special Terms and Conditions.
				0.14 pound PM/hour 0.019 gr/DSCF 0.06 ton PM/year 5.72 tons

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		with permitted emissions limits and applicable rules.	3745-31-05	OC/year 8 pounds OC/hour 40 pounds OC/day
			3745-21-07 (G)(2)	The particulate emission limits established by this rule are less stringent than those limits established by BAT.
			3745-17-11	Opacity shall not exceed 20 percent as a 6-minute average.
	Portable Tank Mixing Station (AG-712)			
P286 (Mod)		Use of a fabric filter with an outlet grain loading of less than 0.019 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-17-07	See Additional Special Terms and Conditions. 0.14 pound PM/hour 0.019 gr/DSCF 0.06 ton PM/year 5.72 tons
P286 (Mod) Cont'd			3745-31-05	OC/year
			3745-21-07 (G)(2)	8 pounds OC/hour 40 pounds OC/day
			3745-17-11	The particulate emission limits established by this rule are less stringent than those limits established by BAT.
	Portable Tank Mixing			

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P287 (Mod)	Station (AG-713)	Use of a fabric filter with an outlet grain loading of less than 0.019 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-17-07	Opacity shall not exceed 20 percent as a 6-minute average. See Additional Special Terms and Conditions. 0.14 pound PM/hour 0.019 gr/DSCF 0.06 ton PM/year 5.72 tons OC/year 8 pounds OC/hour 40 pounds OC/day
P287 (Mod) Cont'd	Portable Tank Mixing Station (AG-714)	Use of a fabric filter with an outlet grain loading of less than 0.019 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted	3745-21-07 (G)(2) 3745-17-11	The particulate emission limits established by this rule are less stringent than those limits established by BAT. Opacity shall not exceed 20 percent as a 6-minute average. See Additional Special Terms and Conditions. 0.14 pound PM/hour 0.019 gr/DSCF 0.06 ton PM/year 5.72 tons

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		emissions limits and applicable rules.	3745-31-05	OC/year
			3745-21-07 (G)(2)	8 pounds OC/hour 40 pounds OC/day
	Portable Tank Mixing Station (AG-715)		3745-17-11	The particulate emission limits established by this rule are less stringent than those limits established by BAT.
P289 (Mod)		Use of a fabric filter with an outlet grain loading of less than 0.019 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-17-07	Opacity shall not exceed 20 percent as a 6-minute average.
				See Additional Special Terms and Conditions.
				0.14 pound PM/hour 0.019 gr/DSCF 0.06 ton PM/year 5.72 tons OC/year
				8 pounds OC/hour 40 pounds OC/day
			3745-21-07 (G)(2)	The particulate emission limits established by this rule are less stringent than those limits established by BAT.
	Portable Tank Mixing		3745-17-11	

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	Station (AG-716)			Opacity shall not exceed 20 percent as a 6-minute average.
P290 (Mod)		Use of a fabric filter with an outlet grain loading of less than 0.019 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and	3745-17-07	See Additional Special Terms and Conditions.
P290 (Mod)		emissions limits and applicable rules.		0.14 pound PM/hour 0.019 gr/DSCF 0.06 ton PM/year 5.72 tons OC/year
			3745-21-07 (G)(2)	8 pounds OC/hour 40 pounds OC/day
			3745-17-11	The particulate emission limits established by this rule are less stringent than those limits established by BAT.
	Portable Tank Mixing Station (AG-717)			Opacity shall not exceed 20 percent as a 6-minute average.
P291 (Mod)		Use of a fabric filter with an outlet grain loading of less than 0.019 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and	3745-17-07	See Additional Special Terms and Conditions.
				0.14 pound PM/hour 0.019 gr/DSCF 0.06 ton PM/year 5.72 tons

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		applicable rules.	3745-31-05	OC/year 8 pounds OC/hour 40 pounds OC/day
P291 (Mod) Cont'd			3745-21-07 (G)(2)	The particulate emission limits established by this rule are less stringent than those limits established by BAT.
	Portable Tank Mixing Station (AG-731)		3745-17-11	Opacity shall not exceed 20 percent as a 6-minute average.
P305 (Mod)		Use of a fabric filter with an outlet grain loading of less than 0.019 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-17-07 3745-31-05	See Additional Special Terms and Conditions. 0.14 pound PM/hour 0.019 gr/DSCF 0.06 ton PM/year 5.72 tons OC/year
			3745-21-07 (G)(2)	8 pounds OC/hour 40 pounds OC/day
			3745-17-11	The particulate emission limits established by this rule are less stringent than those limits established by BAT.
	Portable			

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Cont'd		emissions limits and applicable rules.	3745-31-05	OC/year 8 pounds OC/hour 40 pounds OC/day
			3745-21-07 (G)(2)	The particulate emission limits established by this rule are less stringent than those limits established by BAT.
			3745-17-11	Opacity shall not exceed 20 percent as a 6-minute average.
P308 (Mod)	Portable Tank Mixing Station (AG-734)	Use of a fabric filter with an outlet grain loading of less than 0.019 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-17-07	See Additional Special Terms and Conditions.
			3745-31-05	0.14 pound PM/hour 0.019 gr/DSCF 0.06 ton PM/year 5.72 tons OC/year
			3745-21-07 (I)	8 pounds OC/hour 40 pounds OC/day The particulate emission limits established by this rule are less stringent than those limits established by
P308 (Mod) Cont'd			3745-31-05	BAT.
	Floor Mopping			

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	Operation			Opacity shall not exceed 20 percent as a 6-minute average.
P310 (Mod)		Compliance with permitted emissions limits and applicable rules.	3745-21-09 (O)	See Additional Special Terms and Conditions.
			3745-31-05	8 pounds OC/hour 2.19 tons OC/year
	Pail washer operation (W-11)			1.5 gal photochemically reactive material/day
P311 (Mod)		Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-21-09 (O)	See Additional Special Terms and Conditions
	Portable tank washer (W-12)		3745-31-05	4.19 x 10 ⁻³ pounds VOC/cycle 5 cycles/hour 0.09 ton VOC/year
P312 (Mod)		Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-21-07 (G)(2)	See Additional Special Terms and Conditions
P312 (Mod) Cont'd				0.34 pound VOC/tank 13,505 tanks, rolling 12 months
	Shaft cleaning, small batch portable		3745-31-05	2.30 tons VOC/year
P313 (Mod)		Compliance with permitted emissions limits and applicable rules.	3745-21-07 (G)(2)	See Additional Special Terms and Conditions

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P315 (Mod)	Filter Cart, FC-5	Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules	3745-31-05	1.69 tons OC/year
			3745-21-07 (G)(2)	13,505 tanks/rolling 12 months
P316 (Mod)	Filter Cart, FC-6	Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules	3745-31-05	8 pounds OC/hour 40 pounds OC/year
			3745-21-07 (G)(2)	See Additional Special Terms and Conditions
P317 (Mod)	Filter Cart, FC-7	Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules	3745-31-05	0.90 ton OC/year
			3745-21-07 (G)(2)	8 pounds OC/hour 40 pounds OC/day
P318 (Mod)	Filter Cart, FC-8	Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules	3745-31-05	8 pounds OC/hour 40 pounds OC/day
			3745-21-07 (G)(2)	See Additional Special Terms and Conditions
	Filter Cart, FC-9	Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules		0.90 ton OC/year

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P319 (Mod)	Filter Cart, FC-10	Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules	3745-31-05 3745-21-07 (G)(2)	8 pounds OC/hour 40 pounds OC/day See Additional Special Terms and Conditions 0.90 ton OC/year
P320 (Mod)	Filter Cart, FC-11	Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules	3745-31-05 3745-21-07 (G)(2)	8 pounds OC/hour 40 pounds OC/day See Additional Special Terms and Conditions 0.90 ton OC/year
P321 (Mod)	Filter Cart, FC-12	Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules	3745-31-05 3745-21-07 (G)(2)	8 pounds OC/hour 40 pounds OC/day See Additional Special Terms and Conditions 0.90 ton OC/year
P322 (Mod)	Filter Cart, FC-13	Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules	3745-31-05 3745-21-07 (G)(2)	8 pounds OC/hour 40 pounds OC/day See Additional Special Terms and Conditions 0.90 ton OC/year
P323 (Mod)		Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance	3745-31-05	8 pounds OC/hour 40 pounds OC/day See Additional Special Terms

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P324 (Mod)	Filter Cart, FC-14	with permitted emissions limits and applicable rules	3745-21-07 (G)(2)	and Conditions 0.90 ton OC/year
		Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules	3745-31-05	8 pounds OC/hour 40 pounds OC/day See Additional Special Terms and Conditions
P325 (Mod)	Filter Cart, FC-15		3745-21-07 (D)	0.90 ton OC/year 8 pounds OC/hour 40 pounds OC/day
		Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance	3745-31-05	See Additional Special Terms and Conditions
T311 (Mod)	Storage tank, intermix, T- 526, 2,000 gal	with permitted emissions limits and applicable rules	3745-21-07 (D)	0.90 ton OC/year
		Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance	3745-31-05	8 pounds OC/hour 40 pounds OC/day See Additional Special Terms and Conditions
T312 (Mod)	Storage tank, intermix, T- 527, 2,000 gal	with permitted emissions limits and applicable rules	3745-21-07 (D)	8 pounds OC/hour 40 pounds OC/day 0.0002 ton OC/year
		Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance	3745-31-05	See Additional Special Terms and Conditions
T313 (Mod)	Storage tank, intermix, T- 528, 1,000 gal	with permitted emissions limits and applicable rules	3745-21-09 (L)	8 pounds OC/hour 40 pounds OC/day 0.0002 ton
		Use of a thermal		

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T314 (Mod)	Storage Tank, underground, T-181, fuel oil tank #2, 10,000 gal	oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules	3745-31-05	OC/year
			3745-21-09 (L)	See Additional Special Terms and Conditions
T315 (Mod)	Storage Tank, underground, T-182, fuel oil tank #2, 10,000 gal	Compliance with permitted emissions limits and applicable rules.	3745-31-05	8 pounds OC/hour 40 pounds OC/day 0.0001 ton OC/year
			3745-21-07 (D) NSPS Subpart K _b	See Additional Special Terms and Conditions
T316 (Mod)	Storage tank, 12,000 gal, T-151, Polyester resin, HV-4160	Compliance with permitted emissions limits and applicable rules.	3745-31-05	0.0003 ton OC/year
			3745-21-07 (D) NSPS Subpart K _b	See Additional Special Terms and Conditions
T317 (Mod)	Storage tank, 12,000 gal, T-152, Polyester resin	Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-31-05	0.003 ton OC/year
			3745-21-07 (D) NSPS Subpart K _b	See Additional Special Terms and Conditions
T318 (Mod)	Storage tank, 12,000 gal, T-153, Epoxy resin, HV-6009	Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-31-05	0.024 pound OC/hour
			3745-21-07 (D) NSPS Subpart K _b	0.007 ton OC/year
				See Additional Special Terms and Conditions
				0.024 pound OC/hour
				0.007 ton

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		oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-31-05	OC/year
T318 (Mod) Cont'd	Storage tank, 12,000 gal, T-154,			See Additional Special Terms and Conditions
T319 (Mod)	Polyester resin, HV-4171	Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-21-07 (D) NSPS Subpart K _b	0.024 pound OC/hour 0.007 ton OC/year
T320 (Mod)	Storage tank, 12,000 gal, T-155, Latex emulsion, UCAR 452	Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-31-05 3745-21-07 (D) NSPS Subpart K _b	0.024 pound OC/hour 0.007 ton OC/year
T321 (Mod)	Storage tank, 12,000 gal, T-156, Mealamine resin, Cymel 303	Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-31-05 3745-21-07 (D)	See Additional Special Terms and Conditions 0.024 pound OC/hour 0.022 ton OC/year
T323 (Mod)	Storage tank, 5,800 gal, T-1903, EPON 829H	Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-31-05 3745-21-07 (G)(2)	See Additional Special Terms and Conditions 0.024 pound OC/hour 0.022 ton OC/year
T323		Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and	3745-17-11	See Additional Special Terms and Conditions

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(Mod) Cont'd P326 (New)	Microbatch mixing station (AG-781)	applicable rules.		0.024 pound OC/hour 0.0003 ton OC/year
		Use of a fabric filter with an outlet grain loading less than 0.023 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-17-07	See Additional Special Terms and Conditions
			3745-31-05	0.174 pound PM/hour 0.023 gr/DSCF 0.04 ton PM/year 0.5 ton OC/year *
			3745-21-07 (G)(2)	The particulate emission limits established by this rule are less stringent than those limits established by BAT.
			3745-17-11	
P327 (New)	Microbatch mixing station (AG-782)	Use of a fabric filter with an outlet grain loading less than 0.023 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted	3745-17-07	Opacity shall not exceed 20 percent as a 6-minute average.
P327 (New) Cont'd			3745-31-05	See Additional Special Terms and Conditions. 0.174 pound PM/hour 0.023 gr/DSCF 0.04 ton PM/year

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<u>Ohio EPA Source Number</u>	<u>Source Identification Number</u>	<u>BAT Determination</u>	<u>Applicable Federal & OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
		emissions limits and applicable rules.		0.5 ton OC/year *
			3745-21-07 (G)(2)	8 pounds OC/hour 40 pounds OC/day
			3745-17-11	The particulate emission limits established by this rule are less stringent than those limits established by BAT.
P328 (New)	Microbatch mixing station (AG-783)	Use of a fabric filter with an outlet grain loading less than 0.023 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-17-07	Opacity shall not exceed 20 percent as a 6-minute average.
			3745-31-05	See Additional Special Terms and Conditions.
				0.174 pound PM/hour 0.023 gr/DSCF 0.04 ton PM/year 0.5 ton OC/year *
				8 pounds OC/hour 40 pounds OC/day
P328 (New) Cont'd			3745-21-07 (G)(2)	The particulate emission limits established by this rule are less stringent than those limits established by BAT.
			3745-17-11	
	Microbatch			

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<u>Ohio EPA Source Number</u>	<u>Source Identification Number</u>	<u>BAT Determination</u>	<u>Applicable Federal & OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
		with permitted emissions limits and applicable rules.		0.5 ton OC/year *
			3745-21-07 (G)(2)	8 pounds OC/hour 40 pounds OC/day
			3745-17-11	The particulate emission limits established by this rule are less stringent than those limits established by BAT.
P331 (New)	Microbatch mixing station (AG-786)		3745-17-07	Opacity shall not exceed 20 percent as a 6-minute average.
P331 (New) Cont'd		Use of a fabric filter with an outlet grain loading less than 0.023 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-31-05	See Additional Special Terms and Conditions.
			3745-21-07 (G)(2)	0.174 pound PM/hour 0.023 gr/DSCF 0.04 ton PM/year 0.5 ton OC/year *
			3745-17-11	8 pounds OC/hour 40 pounds OC/day
				The particulate emission limits established by this rule are less stringent than those limits established by BAT.
	Microbatch			

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P332 (New)	mixing station (AG-787)	Use of a fabric filter with an outlet grain loading less than 0.023 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-17-07	Opacity shall not exceed 20 percent as a 6-minute average. See Additional Special Terms and Conditions. 0.174 pound PM/hour 0.023 gr/DSCF 0.04 ton PM/year 0.5 ton OC/year *
P332 (New) Cont'd			3745-21-07 (G)(2) 3745-17-11	The particulate emission limits established by this rule are less stringent than those limits established by BAT.
P333 (New)	Microbatch mixing station (AG-788)	Use of a fabric filter with an outlet grain loading less than 0.023 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and	3745-17-07	Opacity shall not exceed 20 percent as a 6-minute average. See Additional Special Terms and Conditions. 0.174 pound PM/hour 0.023 gr/DSCF 0.04 ton PM/year 0.5 ton OC/year *
		emissions limits and	3745-31-05	

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		applicable rules.		8 pounds OC/hour 40 pounds OC/day
			3745-21-07 (G)(2)	The particulate emission limits established by this rule are less stringent than those limits established by BAT.
			3745-17-11	
P333 (New) Cont'd	Microbatch mixing station (AG-789)	Use of a fabric filter with an outlet grain loading less than 0.023 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-17-07	Opacity shall not exceed 20 percent as a 6-minute average.
			3745-31-05	See Additional Special Terms and Conditions. 0.174 pound PM/hour 0.023 gr/DSCF 0.04 ton PM/year 0.5 ton OC/year *
			3745-21-07 (G)(2)	8 pounds OC/hour 40 pounds OC/day
			3745-17-11	The particulate emission limits established by this rule are less stringent than those limits established by BAT.

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P335 (New)	Microbatch mixing station (AG-790)	Use of a fabric filter with an outlet grain loading less than 0.023 gr/DSCF. Use of a thermal oxidizer with a minimum destruction efficiency of 97.55 percent. Compliance with permitted emissions limits and applicable rules.	3745-17-07	Opacity shall not exceed 20 percent as a 6-minute average.
P335 (New) Cont'd				See Additional Special Terms and Conditions. 0.174 pound PM/hour 0.023 gr/DSCF 0.04 ton PM/year 0.5 ton OC/year * 8 pounds OC/hour 40 pounds OC/day The particulate emission limits established by this rule are less stringent than those limits established by BAT. Opacity shall not exceed 20 percent as a 6-minute average. See Additional Special Terms and Conditions.

* The 0.5 ton OC/year allowable is a combined limit for emissions units P299 thru P308.

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<u>Pollutant</u>	<u>Tons/Year</u>
OC	14.61
PM	6.887
SO ₂	0.0113
CO	0.204
NO _x	4.278
Any individual HAP	6.14

NSPS REQUIREMENTS

The following sources are subject to the applicable provisions of the New Source Performance Standards (NSPS) as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60.

<u>Source Number</u>	<u>Source Description</u>	<u>NSPS Regulation (Subpart)</u>
T316 - T321	12,000 gallons storage tanks	K _b

The application and enforcement of these standards are delegated to the Ohio EPA. The requirements of 40 CFR Part 60 are also federally enforceable.

Pursuant to the NSPS, the source owner/operator is hereby advised of the requirement to report the following at the appropriate times:

- a. construction date (no later than 30 days after such date);
- b. anticipated start-up date (not more than 60 days or less than 30 days prior to such date);
- c. actual start-up date (within 15 days after such date); and
- d. date of performance testing (If required, at least 30 days prior to testing).

Reports are to be sent to:

Ohio Environmental Protection Agency
DAPC - Permit Management Unit
P.O. Box 163669
Columbus, OH 43216-3669

and **Ohio EPA, Central District Office, DAPC**
3232 Alum Creek Drive
Columbus, OH 43207-3417

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WASTE DISPOSAL

The owner/operator shall comply with any applicable state and federal requirements governing the storage, treatment, transport

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and disposal of any waste material generated by the operation of the sources.

MAINTENANCE OF EQUIPMENT

This source and its associated air pollution control system(s) shall be maintained regularly in accordance with good engineering practices and the recommendations of the respective manufacturers in order to minimize air contaminant emissions.

MALFUNCTION/ABATEMENT

In accordance with OAC RULE 3745-15-06, any malfunction of the source(s) or associated air pollution control system(s) shall be reported immediately to the **Ohio EPA, Central District Office, DAPC, 3232 Alum Creek Drive, Columbus, OH 43207-3417.**

Except as provided by OAC Rule 3745-15-06(A)(3), scheduled maintenance of air pollution control equipment that requires the shutdown or bypassing of air pollution control system(s) must be accompanied by the shutdown of the associated air pollution sources.

AIR POLLUTION NUISANCES PROHIBITED

The air contaminant source(s) identified in this permit may not cause a public nuisance in violation of OAC Rule 3745-15-07.

MISCELLANEOUS STORAGE TANKS

Unless otherwise indicated, BAT for any miscellaneous storage tanks identified within this permit consists of the use of submerged fill into the storage tanks. The submerged fill pipe(s) are to be installed within six (6) inches of the bottom of the storage tank.

NEW SOURCE PERFORMANCE STANDARD SUBPART Kb

The application and enforcement of the provisions of the New Source Performance Standards (NSPS), as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60, are delegated to the Ohio Environmental Protection Agency. The requirements of 40 CFR Part 60 are also federally enforceable.

In accordance with 40 CFR 60.116b(a) and (b), the owner and operator of the following storage vessel(s) shall keep readily

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accessible records showing the dimension of each storage vessel and an analysis showing the capacity of each storage vessel for the life of each source.

<u>Source Number(s)</u>	<u>Tank Size</u>
T316 - T321	12,000 gallons

In addition,

- A. In accordance with 40 CFR 60.116b(a) and (c), the owner and operator of the, following storage vessel(s) shall maintain a record of the volatile organic liquid (VOL) stored, the period of storage, and the maximum true vapor pressure of that VOL during the respective storage period. Records shall be retained for a minimum of two years.

<u>Source Number(s)</u>	<u>Tank Size</u>
T316 - T321	12,000 gallons

BAT FOR COLD CLEANERS

In accordance with OAC Rule 3745-21-09(0)(2), each owner or operator of a cold cleaner shall:

- a. equip the cold cleaner with either:
1. a cover - if the solvent has a vapor pressure greater than 0.3 pound per square inch absolute measured at 100°F or the solvent is heated or agitated, the cover shall be signed and constructed so that it can be easily operated with one hand; or
 2. a remote solvent reservoir from which solvent is pumped through a nozzle suspended over a sink-like work area which drains back to the reservoir, provided a sink-like work area has an open drain area of less than 16 square inches and provided the solvent is neither heated above 120°F nor has a vapor pressure greater than 0.6 pound per square inch absolute, measured at 100°F;
- b. equip the cold cleaner with a device for draining the cleaned parts - if the solvent has a vapor pressure greater than 0.6 pound per square inch absolute measured at 100°F, the drainage facility shall be constructed internally so that parts are enclosed under the cover during draining, unless an internal type drainage device cannot fit into the cleaning system;

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- c. install one of the following devices if the solvent vapor pressure is greater than 0.6 pound per square inch absolute measured at 100°F, or if the solvent is heated above 120°F;
 1. freeboard that gives a freeboard ratio greater than or equal to 0.7;
 2. water cover (solvent must be insoluble in and heavier than water); or
 3. other systems of equivalent control, such as refrigerated chiller or carbon adsorption, approved by the Director; and
- d. operate and maintain the cold cleaner in a manner which is consistent with good engineering practice and which minimizes solvent evaporation from the unit.

ADDITIONAL SPECIAL TERMS AND CONDITIONS

A. Recordkeeping and Reporting Requirements for Emergency Generator

The weighted average sulfur content of the oil burned in emissions unit B007 shall not exceed 0.5% by weight:

The rolling twelve (12) month operating time for emissions unit B007 shall not exceed 156.5 hours. In order to ensure federal enforceability, for the first twelve calendar months of operation, this facility shall not exceed the following usage limits for the specific time period:

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<u>Month</u>	<u>Total Operating Time (hours)</u>
1	156.5
1-2	156.5
1-3	156.5
1-4	156.5
1-5	156.5
1-6	156.5
1-7	156.5
1-8	156.5
1-9	156.5
1-10	156.5
1-11	156.5
1-12	156.5

After the first twelve months of operation this facility shall conform with the limitations and reporting requirements of this condition.

This facility shall maintain records for emissions unit B007 which shall contain the following information:

- a. the date of receipt, amount received (gallons) and weighted average sulfur content (% by weight) for each shipment of fuel received for use; and,
- b. the date of each day of operation and corresponding number of hours of operation.

These records, as well as any supporting fuel analyses or computations, shall be retained in the facility's files for a period of not less than three years and shall be made available to the Director or any authorized representative of the Director for review upon request.

This facility shall submit annual reports to the Ohio EPA, Central District Office (CDO) which summarize the following information:

- a. the identification of all fuel types burned and the weighted average sulfur content (% by weight) of each fuel type burned in emissions unit B007; and

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- b. the rolling twelve (12) month operating time (hours) for emissions unit B007 as of the last day of each calendar month.

These reports shall be submitted by February 15th of each year and cover the previous calendar year.

B. Plant Roadways and Parking Areas

There shall be no visible particulate emissions from any paved roadway or parking area except for a period of time not to exceed one minute during any sixty-minute observation period.

There shall be no visible particulate emissions from any unpaved road or parking area except for a period of time not to exceed three minutes during any sixty-minute observation period.

The roadways and parking areas shall be treated with water or any other dust suppressant in order to minimize or eliminate at all times visible emissions of fugitive dust generated by vehicular traffic. Frequency of application shall be as needed. This term and condition shall be waived during wet conditions when there is sufficient moisture to prevent visible emissions of fugitive dust.

Any material carried off of the source owner's property and deposited onto the city streets by the vehicular traffic or by erosion by water, etc., shall be promptly removed and disposed of properly in such manner so as to minimize or prevent resuspension.

A maximum speed limit of fifteen (15) miles per hour shall be posted and enforced on the property.

Open bodied vehicles transporting materials likely to become airborne shall be covered at all times.

This facility shall maintain monthly records which list the following information for emissions unit F002:

- a. the type of control material applied; and
- b. the number of times applied.

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

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normal business hours.

C. Recordkeeping and Reporting Requirements for Loading Arm

The maximum rolling twelve (12) month throughput for the loading arm, emissions unit J001, shall be limited to 1,000,000 gallons. In order to ensure federal enforceability, for the first twelve calendar months of operation, this facility shall not exceed the following throughput limits for the specific time period:

<u>Month</u>	<u>Total Throughput (gallons)</u>
1	250,000
1-2	500,000
1-3	750,000
1-4	1,000,000
1-5	1,000,000
1-6	1,000,000
1-7	1,000,000
1-8	1,000,000
1-9	1,000,000
1-10	1,000,000
1-11	1,000,000
1-12	1,000,000

After the first twelve months of operation this facility shall conform with the limitations and reporting requirements of this condition.

This facility shall utilize a Loading Arm OC Conc/Ox emission factor of 4.901 E-5 lbs. OC/gal. of throughput for emissions unit J001 unless otherwise approved in writing by Ohio EPA, CDO.

This facility shall maintain daily records which list the following information for emissions unit J001:

- a. the amount of throughput (gallons);
- b. the total hours of daily operation; and
- c. calculations showing the hourly OC emissions from this emissions unit (Conc/Ox stack).

This facility shall notify CDO of any daily record showing an exceedance(s) of the permitted emissions limits. A report of the exceedance(s), including any corrective actions taken to correct exceedance(s) shall be sent to CDO within thirty (30) days following the end of the calendar month in which the

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violation occurred.

This facility shall submit quarterly reports to the CDO, which provide the rolling twelve month throughput for each emissions unit and which documents any exceedance(s) of the permitted throughput and/or hourly emissions limits for the previous three (3) calendar months (October 1 through December 31, January 1 through March 31, April 1 through June 30, and July 1 through September 30, respectively). The reports shall be submitted by February 15, May 15, August 15, and November 15 of each year.

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

D. Allowable Annual Emissions Limitations, Recordkeeping and Reporting Requirements for Large Batch Production Area

The emissions from the Large Batch Production Area, Premix and Thindown Tanks, (emissions units P201 through P224 and P226 through P255) shall not exceed the following:

Organic Compounds (OC) from Premix Tanks	1.37 tons/year
Organic Compounds (OC) from Thindown Tanks	0.66 ton/year
Particulate Matter (PM) from Premix Tanks	0.68 ton/year
Particulate Matter (PM) from Thindown Tanks	0.02 ton/year

The maximum rolling twelve (12) month coatings production rate for the Large Batch Production Area (emissions units P201 through P224 and P226 through P255) shall be limited to 9,000,000 gallons. The production emissions will be assigned to the day the coating is drained from the letdown tank (corresponds to filling report). In order to ensure federal enforceability, for the first twelve calendar months of operation, this facility shall not exceed the following coatings production rate limits for the specific time period:

<u>Month</u>	<u>Total Throughput (gallons)</u>
1	800,000
1-2	1,600,000
1-3	2,400,000
1-4	3,200,000
1-5	4,000,000
1-6	4,800,000
1-7	5,600,000

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1-8	6,400,000
1-9	7,200,000
1-10	8,000,000
1-11	8,800,000
1-12	9,000,000

After the first twelve months of operation this facility shall conform with the limitations and reporting requirements of this condition.

This facility shall utilize a Premix Tank OC Large Batch Fugitive Stack emission factor of $8.376 \text{ E-}05$ lbs. OC/gal. of product produced in the Large Batch Production Area for emissions units, P201, and P203 through P211 unless otherwise approved in writing by Ohio EPA, CDO.

This facility shall utilize a Premix Tank OC Truck Bay Door emission factor of $5.128 \text{ E-}06$ lbs. OC/gal. of product produced in the Large Batch Production Area for emissions units, P201, and P203 through P211 unless otherwise approved in writing by Ohio EPA, CDO.

This facility shall utilize a Premix Tank OC Conc/Ox emission factor of $4.698 \text{ E-}05$ lbs. OC/gal. of product produced in the Large Batch Production Area for emissions units, P201, and P203 through P211 unless otherwise approved in writing by Ohio EPA, CDO.

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

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

This facility shall utilize a Thindown tank PM Large Batch Fugitive Stack emission factor of 1.47 E-6 lbs PM/gal of product produced in the Large Batch Production Area for emission units P202 and P212 through P224 and P226 through P255 unless otherwise approved in writing by Ohio EPA, CDO.

This facility shall utilize a Thindown Tank PM Truck Bay Door emission factor of 9.02 E-8 lbs PM/gal of product produced in the Large Batch Production Area for emission units P202 and P212 through P224 and P226 through P255 unless otherwise approved in writing by Ohio EPA, CDO.

This facility shall utilize a Thindown Tank OC Large Batch Fugitive Stack emission factor of 1.364 E-5 lbs. OC/gal. of product produced in the Large Batch Production Area for emissions units, P202 and P212 through P224 and P226 through P255, unless otherwise approved in writing by Ohio EPA, CDO.

This facility shall utilize a Thindown Tank OC Truck Bay Door emission factor of 8.3524 E-7 lbs. OC/gal. of product produced in the Large Batch Production Area for emissions units, P202 and P212 through P224 and P226 through P255, unless otherwise approved in writing by Ohio EPA, CDO.

This facility shall utilize a Thindown Tank OC Conc/Ox emission factor of 1.047 E-4 lbs. OC/gal. of product produced in the Large Batch Production Area for emissions units, P202 and P212 through P224 and P226 through P255, unless otherwise approved in writing by Ohio EPA, CDO.

This facility shall maintain daily records which list the following information for products produced in the Large Batch Production Area (emissions units P201 through P224 and P226 through P255):

- a. the number of gallons of product produced in the Large Batch Production Area;

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- b. the number of gallons of product produced in each emissions unit;
- c. the total hours of daily operation of each emissions unit;
- d. calculations showing the hourly and daily large batch OC emissions from each emissions unit;
- e. calculations showing the hourly OC emissions from each emissions unit to the large batch fugitive stack;
- f. calculations showing the hourly OC emissions from each emissions unit to the truck bay doors;
- g. calculations showing the hourly OC emissions from each emissions unit to the Conc/Ox stack;
- h. calculations showing the hourly PM emissions from each emissions unit to the large batch fugitive stack; and,
- i. calculations showing the hourly PM emissions from each emissions unit to the truck bay doors.

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

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This facility shall notify CDO of any exceedance(s) of the permitted emissions limits and/or production rate. A report of the exceedance(s), including any corrective actions taken to correct exceedance(s) shall be sent to CDO within thirty (30) days following the end of the calendar month in which the violation occurred.

This facility shall submit quarterly reports to the Central District Office, which provide the total OC emissions for the Large Batch Thindown Tanks, emissions units P202, and P212 through P224 and P226 through P255, total OC emissions for the Large Batch Premix Tanks, emissions units P201, and P203 through P211, total PM emissions for the Large Batch Production Area, emissions units P201 through P224 and P226 through P255, and which documents any exceedance(s) of the permitted production rate and/or emissions limits, hourly and/or daily, for the previous three (3) calendar months (October 1 through December 31, January 1 through March 31, April 1 through June 30, and July 1 through September 30, respectively). The reports shall be submitted by February 15, May 15, August 15, and November 15 of each year.

In accordance with OAC Rule 3745-15-06, any malfunction of the source(s) or associated air pollution control system(s) shall be reported within one half hour to the Ohio EPA, Central District Office.

Except as provided by OAC Rule 3745-15-06(A)(3), scheduled maintenance of air pollution control equipment, that requires the shutdown or bypassing of said equipment, must be accompanied by the shutdown of the associated air pollution source(s).

E. Allowable Annual Emissions Limitations, Recordkeeping and Reporting Requirements for Small Batch Portable Production Area

The emissions from the Small Batch Portable Production Area, (emissions units P275 through P291 and P305 through P308) shall not exceed the following:

Organic Compounds (OC)	5.72 tons/year
Particulate Matter (PM)	0.06 ton/year

The maximum rolling twelve (12) month coatings production rate for the Small Batch Primary Portable Production Area, Mixing Stations, (emissions units P275 through P291 and P305 through P308) shall be limited 460,000 gallons. The production rate shall be calculated at the time the product is put into drums

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or totes (corresponds to filling report). In order to ensure federal enforceability, for the first twelve calendar months of operation, this facility shall not exceed the following coatings production rate limits for the specific time period:

<u>Month</u>	<u>Total Throughput (gallons)</u>
1	57,500
1-2	115,000
1-3	172,500
1-4	230,000
1-5	287,500
1-6	345,000
1-7	402,500
1-8	460,000
1-9	460,000
1-10	460,000
1-11	460,000
1-12	460,000

The maximum rolling twelve (12) month coatings production rate for the Small Batch Intermix Portable Production Area, Mixing Stations, (emissions units P275 through P291 and P305 through P308) shall be limited 600,000 gallons. The production rate shall be calculated at the time the product is put into drums or totes (corresponds to filling report). In order to ensure federal enforceability, for the first twelve calendar months of operation, this facility shall not exceed the following coatings production rate limits for the specific time period:

<u>Month</u>	<u>Total Throughput (gallons)</u>
1	65,000
1-2	130,000
1-3	195,000
1-4	260,000
1-5	325,000
1-6	390,000
1-7	455,000
1-8	520,000
1-9	585,000
1-10	600,000
1-11	600,000
1-12	600,000

After the first twelve months of operation this facility shall conform with the limitations and reporting requirements of

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this condition.

This facility shall utilize a Mixing Station OC Small Batch Primary Portable Fugitive Stack emission factor of 3.589 E-3 lbs. OC/gal. of product produced in the Small Batch Portable Production Area for emissions units, P275 through P291 and P305 through P308, unless otherwise approved in writing by Ohio EPA, CDO.

This facility shall utilize a Mixing Station OC Small Batch Primary Portable Truck Bay Door emission factor of 1.465 E-4 lbs. OC/gal. of product produced in the Small Batch Portable Production Area for emissions units, P275 through P291 and P305 through P308, unless otherwise approved in writing by Ohio EPA, CDO.

This facility shall utilize a Mixing Station OC Small Batch Primary Portable Conc/Ox emission factor of 1.73 E-2 lbs. OC/gal. of product produced in the Small Batch Portable Production Area for emissions units P275 through P291 and P305 through P308, unless otherwise approved in writing by Ohio EPA, CDO.

This facility shall utilize a Mixing Station OC Small Batch Intermix Portable Fugitive Stack emission factor of 1.778 E-4 lbs. OC/gal. of product produced in the Small Batch Portable Production Area for emissions units, P275 through P291 and P305 through P308, unless otherwise approved in writing by Ohio EPA, CDO.

This facility shall utilize a Mixing Station OC Small Batch Intermix Portable Truck Bay Door emission factor of 7.258 E-6 lbs. OC/gal. of product produced in the Small Batch Portable Production Area for emissions units, P275 through P291 and P305 through P308, unless otherwise approved in writing by Ohio EPA, CDO.

This facility shall utilize a Mixing Station OC Small Batch Intermix Portable Conc/Ox emission factor of 3.219 E-4 lbs. OC/gal. of product produced in the Small Batch Portable Production Area for emissions units, P275 through P291 and P305 through P308, unless otherwise approved in writing by Ohio EPA, CDO.

This facility shall utilize a Mixing Station PM Small Batch Primary Portable Conc/Ox emission factor of 2.2 E-5 lbs. PM/gal. of product produced in the Small Batch Portable Production Area for emissions units P275 through P291 and P305

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through P308, unless otherwise approved in writing by Ohio EPA, CDO.

This facility shall utilize a Mixing Station PM Small Batch Primary Portable Truck Bay Door emission factor of 5.09 E-6 lbs. PM/gal. of product produced in the Small Batch Portable Production Area for emissions units, P275 through P291 and P305 through P308, unless otherwise approved in writing by Ohio EPA, CDO.

This facility shall utilize a Mixing Station PM Small Batch Primary Portable fugitive stack emission factor of 1.25 E-4 lbs. PM/gal. of product produced in the Small Batch Portable Production Area for emissions units, P275 through P291 and P305 through P308, unless otherwise approved in writing by Ohio EPA, CDO.

This facility shall maintain daily records which list the following information for products produced in the Small Batch Portable Production Area (emissions units P275 through P291 and P305 through P308):

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

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- b. the number of gallons of product produced in the Small Batch Intermix Portable Production Area;
- c. the number of gallons of product produced in each emissions unit;
- d. the total hours of daily operation of each emissions unit;
- e. calculations showing the hourly OC emissions from each emissions unit to the Small Batch Fugitive Stack;
- f. calculations showing the hourly OC emissions from each emissions unit to the Truck Bay Doors;
- g. calculations showing the hourly OC emissions from each emissions unit to the Conc/Ox Stack;
- h. calculations showing the hourly PM emissions from each emissions unit to the Conc/Ox Stack;
- i. calculations showing the hourly PM emissions from each emissions unit to the truck bay doors; and,
- j. calculations showing the hourly PM emissions from each emissions unit to the fugitive stacks.

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

This facility shall notify CDO of any exceedance(s) of the permitted emissions limits and/or production rate. A report of the exceedance(s), including any corrective actions taken to correct exceedance(s) shall be sent to CDO within thirty (30) days following the end of the calendar month in which the violation occurred.

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

In accordance with OAC Rule 3745-15-06, any malfunction of the source(s) or associated air pollution control system(s) shall be reported within one half hour to the Ohio EPA, Central District Office.

Except as provided by OAC Rule 3745-15-06(A)(3), scheduled maintenance of air pollution control equipment, that requires the shutdown or bypassing of said equipment, must be accompanied by the shutdown of the associated air pollution source(s).

F. Allowable Annual Emissions Limitations, Recordkeeping and Reporting Requirements for Micro Batch Production Area

The emissions from the Micro Batch Production Area (P326 through P335) shall not exceed the following:

Organic Compounds (OC)	0.5 tons/year
Particulate Matter (PM)	0.04 tons/year

The maximum rolling twelve (12) month coatings production rate for the Micro Batch Production Area, (emissions units P326 through 335) shall be limited to 40,000 gallons. The production rate shall be calculated at the time the product is put into drums or totes (corresponds to filling report). In order to ensure federal enforceability, for the first twelve calendar months of operation, this facility shall not exceed the following production rate limits for the specific time period:

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<u>Month</u>	<u>Total Throughput (gallons)</u>
1	5,000
1-2	10,000
1-3	15,000
1-4	20,000
1-5	25,000
1-6	30,000
1-7	35,000
1-8	40,000
1-9	40,000
1-10	40,000
1-11	40,000
1-12	40,000

After the first twelve months of operation this facility shall conform with the limitations and reporting requirements of this condition.

This facility shall utilize a Micro Batch Fugitive Stack emission factor of 3.411 E-3 lbs. OC/gal. of product produced in the Micro Batch Production Area for emission units P326 through P335, unless otherwise approved in writing by Ohio EPA, CDO.

This facility shall utilize a Micro Batch OC Conc/Ox emission factor of 1.7x E-2 lbs. OC/gal. of product produced in the Micro Batch Production Area for emission units P326 through P335, unless otherwise approved in writing by Ohio EPA, CDO.

This facility shall utilize a Micro Batch OC Truck Bay Door emission factor of 1.392 E-4 lbs. OC/gal. of product produced in the Micro Batch Production Area for emission units P326 through P335, unless otherwise approved in writing by Ohio EPA, CDO.

This facility shall utilize a Micro Batch PM Fugitive Stack emission factor of 7.84 E-4 lbs. PM/gal. of product produced in the Micro Batch Production Area for emission units P326 through P335, unless otherwise approved in writing by Ohio EPA, CDO.

This facility shall utilize a Micro Batch PM Truck Bay Door emission factor of 3.2 E-5 lbs. PM/gal. of product produced for emission units P326 through P335, unless otherwise approved in writing by Ohio EPA, CDO.

This facility shall utilize a Micro Batch PM Conc/Ox PM

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emission factor of 1.36 E-4 lbs. PM/gal. of product for emission units P326 through P335, unless otherwise approved in writing by Ohio EPA, CDO.

This facility shall maintain daily records which list the following information for products produced in the Micro Batch Production Area (emissions units P326 through P335):

- a. the number of gallons of product produced in the Micro Batch Production Area;
- b. the number of gallons of product produced in each emission unit;
- c. the total hours of daily operation of each emissions unit;
- d. calculations showing the hourly OC emissions from each emissions unit to the Small Batch Fugitive Stack;
- e. calculations showing the hourly OC emissions from each emissions unit to the Truck Bay Doors;
- f. calculations showing the hourly OC emissions from each emissions unit to the Conc/Ox Stack;
- g. calculations showing the hourly PM emissions from this emissions unit to the Conc/Ox stack;
- h. calculations showing hourly PM emissions from each emissions unit to the truck bay doors; and,
- i. calculations showing the hourly PM emissions from each emissions unit to the fugitive stacks.

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

This facility shall notify CDO of any exceedance(s) of the permitted emissions limits and/or production rate. A report of the exceedance(s), including any corrective actions taken to correct exceedance(s) shall be sent to CDO within thirty (30) days following the end of the calendar month in which the violation occurred.

This facility shall submit quarterly reports to the Central District Office, which provide the total OC and PM emissions from the Micro Batch Production Area (emissions units P326 through P335) and which documents any exceedance(s) of the permitted production rate and/or emissions limits, hourly and/or daily, for the previous three (3) calendar months (October 1 through December 31, January 1 through March 31, April 1 through June 30, and July 1 through September 30, respectively). The reports shall be submitted by February 15, May 15, August 15, and November 15 of each year.

In accordance with OAC Rule 3745-15-06, any malfunction of the source(s) or associated air pollution control system(s) shall be reported within one half hour to the Ohio EPA, Central District Office.

Except as provided by OAC Rule 3745-15-06(A)(3), scheduled maintenance of air pollution control equipment, that requires the shutdown or bypassing of said equipment, must be accompanied by the shutdown of the associated air pollution source(s).

G. Allowable Annual Emission Limitations, Recordkeeping and Reporting Requirements for Strontium Chromate Slurry System

The emissions for the strontium chromate system (P336, P337 and P338) shall not exceed the following:

Organic Compounds (OC) - 0.0036 ton/year
Particulate Matter (PM) - 2.28 E-6 tons/year

The maximum rolling twelve (12) month coatings production rate for the Strontium Chromate Slurry System, (emissions units

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P336, P337, P338) shall be limited to 404,920 gallons. In order to ensure federal enforceability, for the first twelve calendar months of operation, this facility shall not exceed the following coatings production rate limits for the specific time period:

<u>Month</u>	<u>Total Throughput (gallons)</u>
1	40,000
1-2	80,000
1-3	120,000
1-4	160,000
1-5	200,000
1-6	240,000
1-7	280,000
1-8	320,000
1-9	360,000
1-10	400,000
1-11	404,920
1-12	404,920

After the first twelve months of operation this facility shall conform with the limitations and reporting requirements of this condition.

This facility shall utilize a Strontium Chromate Slurry System OC Fugitive Stack emission factor of 5.17 E-6 OC/gal. of Strontium Chromate Slurry produced in emissions units P336, P337 and P338 unless otherwise approved in writing by Ohio EPA, CDO.

This facility shall utilize a Strontium Chromate Slurry System Conc/Ox emission factor of $1.25 \text{ E-5 lbs. OC/gal.}$ of Strontium Chromate Slurry produced in emissions units P336, P337 and P338 unless otherwise approved in writing by Ohio EPA, CDO.

This facility shall utilize a Strontium Chromate Slurry System PM Fugitive Stack emission factor of $1.13 \text{ E-8 lbs. PM/gal.}$ of Strontium Chromate Slurry produced in emissions units P336, P337 and P338 unless otherwise approved in writing by Ohio EPA, CDO.

This facility shall maintain daily records which list the following information for products produced in the Strontium Chromate Slurry System, emissions units P336, P337 and P338.

a. the number of gallons of product produced in the

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Strontium Chromate Slurry System;

- b. the total hours of daily operation of each emissions unit;
- c. calculations showing the hourly and daily OC emissions from each emissions unit;
- d. calculations showing the hourly OC emissions from each emissions unit to the Large Batch Fugitive Stack;
- e. calculations showing the hourly OC emissions this emissions unit to the Truck Bay Doors;
- f. calculations showing the hourly OC emissions from each emissions unit to the Conc/Ox stack; and,
- g. calculations showing the hourly PM emissions from each emissions unit to the Large Batch Fugitive Stack.

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

This facility shall notify CDO of any exceedance(s) of the permitted emissions limits and/or production rate. A report of the exceedance(s), including any corrective actions taken to correct exceedance(s) shall be sent to CDO within thirty (30) days following the end of the calendar month in which the violation occurred.

This facility shall submit quarterly reports to the Central District Office, which provide the total OC and PM emissions for this emissions unit and which documents any exceedance(s) of the permitted production rate and/or emissions limits, hourly and/or daily, for the previous three (3) calendar months (October 1 through December 31, January 1 through March 31, April 1 through June 30, and July 1 through September 30, respectively). The reports shall be submitted by February 15, May 15, August 15, and November 15 of each year.

In accordance with OAC Rule 3745-15-06, any malfunction of the source(s) or associated air pollution control system(s) shall be reported within one half hour to the Ohio EPA, Central

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1-9	7,200,000
1-10	8,000,000
1-11	8,800,000
1-12	9,000,000

For Small Batch Portable Production Area:

<u>Month</u>	<u>Total Throughput (gallons)</u>
1	62,500
1-2	125,000
1-3	187,500
1-4	250,000
1-5	312,500
1-6	375,000
1-7	437,500
1-8	500,000
1-9	500,000
1-10	500,000
1-11	500,000
1-12	500,000

After the first twelve months of operation this facility shall conform with the limitations and reporting requirements of this condition.

This facility shall utilize a Filter Cart OC Large Batch Fugitive Stack emission factor of 7.784 E-6 lbs. OC/gal. of product produced in the Large Batch Production Area for emissions units, P258 through P261 and P315 through P325, unless otherwise approved in writing by Ohio EPA, CDO.

This facility shall utilize a Filter Cart OC Truck Bay Door emission factor of 4.766 E-7 lbs. OC/gal. of product produced in the Large Batch Production Area for emissions units, P258 through P261 and P315 through P325, unless otherwise approved in writing by Ohio EPA, CDO.

This facility shall utilize a Filter Cart OC Conc/Ox emission factor of 1.7 E-4 lbs. OC/gal. of product produced in the Large Batch Production Area for emissions units, P258 through P261 and P315 through P325, unless otherwise approved in writing by Ohio EPA, CDO.

This facility shall utilize a Filter Cart OC Fugitive Stack emission factor of 1.305 E-5 lbs. OC/gal. of product produced in the Small Batch Portable Production Area for emissions

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units, P258 through P261 and P315 through P325, unless otherwise approved in writing by Ohio EPA, CDO.

This facility shall utilize a Filter Cart OC Truck Bay Door emission factor of 5.328 E-7 lbs. OC/gal. of product produced in the Small Batch Portable Production Area for emissions units, P258 through P261 and P315 through P325, unless otherwise approved in writing by Ohio EPA, CDO.

This facility shall utilize a Filter Cart OC Conc/Ox emission factor of 1.032 E-4 lbs. OC/gal. of product produced in the Small Batch Portable Production Area for emissions units, P258

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through P261 and P315 through P325, unless otherwise approved in writing by Ohio EPA, CDO.

This facility shall maintain daily records which list the following information for products filtered in the Filter Carts (emissions units P258 through P261 and P315 through P325):

- a. the number of gallons of product filtered in each emissions unit;
- b. the production area product filtered;
- c. the total hours of daily operation of each emissions unit;
- d. total gallons filtered in each production area;
- e. calculations showing the hourly and daily OC emissions from each emissions unit;
- f. calculations showing the hourly OC emissions from each emissions unit to the Large Batch Fugitive Stack;
- g. calculations showing the hourly OC emissions from each emissions unit to the Small Batch Fugitive Stack;
- h. calculations showing the hourly OC emissions from each emissions unit to the Truck Bay Doors; and,
- i. calculations showing the hourly OC emissions from the emissions unit to the Conc/Ox Stack.

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

This facility shall notify CDO of any exceedance(s) of the permitted emissions limits and/or production rate. A report of the exceedance(s), including any corrective actions taken to correct exceedance(s) shall be sent to CDO within thirty (30) days following the end of the calendar month in which the violation occurred.

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

In accordance with OAC Rule 3745-15-06, any malfunction of the source(s) or associated air pollution control system(s) shall be reported within one half hour to the Ohio EPA, Central District Office.

Except as provided by OAC Rule 3745-15-06(A)(3), scheduled maintenance of air pollution control equipment, that requires the shutdown or bypassing of said equipment, must be accompanied by the shutdown of the associated air pollution source(s).

I. Operating, Recordkeeping and Reporting Requirements for Cold Cleaner

This facility shall construct, maintain and operate the Cold Cleaner, emissions unit P311, with:

- a. a cover designed and constructed so that it can be easily operated with one hand;
- b. a device for draining the cleaned parts; and the drainage facility shall be constructed internally so that parts are enclosed under the cover during draining unless an internal type drainage device cannot fit into the cleaning system; and
- c. one of the following devices:
 - (1) freeboard that gives a freeboard ratio greater than or equal to 0.7;
 - (2) water cover (solvent must be insoluble in and heavier than water); or
 - (3) other systems of equivalent control, such as refrigerated chiller or carbon adsorption, approved by the Director.

The facility shall follow these practices to minimize solvent

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evaporation from the unit:

- (1) provide a permanent, legible, conspicuous label, summarizing the operating requirements;
- (2) store waste solvent in covered containers;
- (3) close the cover whenever parts are being handled in the cleaner;
- (4) drain the cleaned parts until dripping ceases;
- (5) if used, supply a solvent spray that is a solid fluid stream (not a fine, atomized, or shower-type spray) at a pressure that does not exceed ten pounds per square inch gauge; and
- (6) clean only materials that are neither porous nor absorbent.

The pail washer, emissions unit P311, shall be limited to one hundred twenty (120) cycles per day.

This facility shall utilize a Pail Washer Small Batch Fugitive Stack emission factor of 9.379 E-4 lbs. VOC/cycle for emissions unit P311, unless otherwise approved in writing by Ohio EPA, CDO.

This facility shall utilize a Pail Washer Truck Bay Door emission factor of 3.828 E-5 lbs. VOC/cycle for emissions unit P311, unless otherwise approved in writing by Ohio EPA, CDO.

This facility shall utilize a Pail Washer Conc/Ox emission factor of 2.28 E-3 lbs. VOC/cycle for emissions unit P311, unless otherwise approved in writing by Ohio EPA, CDO.

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

- a. the types of solvents including density employed and the vapor pressure of each solvent (pounds per square inch absolute) measured at one hundred degrees Fahrenheit for each emissions unit;
- b. the gallons of solvent disposed of as waste;
- c. the number of cycles of the emissions unit;
- d. the total hours of daily operation of the emissions unit;

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- e. calculations showing the hourly VOC emissions from the emissions unit;
- f. calculations showing the hourly VOC emissions from the emissions unit to the Small Batch Fugitive Stack;
- g. calculations showing the hourly VOC emissions from the emissions unit to the Large Batch Fugitive Stack;
- h. calculations showing the hourly VOC emissions from the emissions unit to the Truck Bay Doors; and,
- i. calculations showing the hourly VOC emissions from each emissions unit to the Conc/Ox Stack.

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

This facility shall notify CDO of any exceedance(s) of the permitted emissions limits and/or cleaning rate. A report of the exceedance(s), including any corrective actions taken to correct exceedance(s) shall be sent to CDO within thirty (30) days following the end of the calendar month in which the violation occurred.

This facility shall submit quarterly reports to the CDO, which provide the total VOC emissions for each emissions unit and which documents any exceedance(s) of the permitted production rate and/or emissions limits for the previous three (3) calendar months (October 1 through December 31, January 1 through March 31, April 1 through June 30, and July 1 through September 30, respectively). The reports shall be submitted by February 15, May 15, August 15, and November 15 of each year.

In accordance with OAC Rule 3745-15-06, any malfunction of the source(s) or associated air pollution control system(s) shall be reported within one half hour to the Ohio EPA, Central District Office.

Except as provided by OAC Rule 3745-15-06(A)(3), scheduled maintenance of air pollution control equipment, that requires the shutdown or bypassing of said equipment, must be accompanied by the shutdown of the associated air pollution source(s).

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J. Operating, Recordkeeping and Reporting Requirements for Shaft Cleaning

The maximum rolling twelve (12) month rate for the Shaft Cleaning Process, emissions units P313, shall be limited to 13,505 cleanings. In order to ensure federal enforceability, for the first twelve calendar months of operation, this facility shall not exceed the following limits for the specific time period:

<u>Month</u>	<u>Total Throughput (cleanings)</u>
1	1,350
1-2	2,700
1-3	4,050
1-4	5,400
1-5	6,750
1-6	8,100
1-7	9,450
1-8	10,800
1-9	12,150
1-10	13,505
1-11	13,505
1-12	13,505

After the first twelve months of operation this facility shall conform with the limitations and reporting requirements of this condition.

This facility shall utilize a Shaft Cleaning Truck Bay Door emission factor of 5.00×10^{-3} lbs OC/shaft cleaning for emission unit P313, unless otherwise approved in writing by Ohio EPA, CDO.

This facility shall utilize a Shaft Cleaning Small Batch Fugitive Stack emission factor of 1.225 E-1 lbs. OC/shaft cleaning for emissions unit P313, unless otherwise approved in writing by Ohio EPA, CDO.

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

- a. the number of shaft cleanings (batches);
- b. the total hours of daily operation of this emissions unit;

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- c. calculations showing the hourly and daily OC emissions from each emissions unit;
- d. calculations showing the hourly OC emissions from Shaft Cleaning to the Small Batch Fugitive Stack; and,
- e. calculations showing the hourly OC emissions from Shaft Cleaning to the Truck Bay Doors.

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

This facility shall notify CDO of any exceedance(s) of the permitted emissions limits and/or cleaning rate. A report of the exceedance(s), including any corrective actions taken to correct exceedance(s) shall be sent to CDO within thirty (30) days following the end of the calendar month in which the violation occurred.

This facility shall submit quarterly reports to the CDO, which provide the total OC emissions for the Shaft Cleaning Process and which documents any exceedance(s) of the permitted production rate and/or emissions limits, hourly and/or daily, for the previous three (3) calendar months (October 1 through December 31, January 1 through March 31, April 1 through June 30, and July 1 through September 30, respectively). The reports shall be submitted by February 15, May 15, August 15, and November 15 of each year.

In accordance with OAC Rule 3745-15-06, any malfunction of the source(s) or associated air pollution control system(s) shall be reported within one half hour to the Ohio EPA, Central District Office.

Except as provided by OAC Rule 3745-15-06(A)(3), scheduled maintenance of air pollution control equipment, that requires the shutdown or bypassing of said equipment, must be accompanied by the shutdown of the associated air pollution source(s).

K. Operating, Recordkeeping and Reporting Requirements for Portable Tank Washer

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The maximum rolling twelve (12) month rate for the Portable Tank Washer, emissions units P312, shall be limited to 13,505 cleanings. In order to ensure federal enforceability, for the first twelve calendar months of operation, this facility shall not exceed the following limits for the specific time period:

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<u>Month</u>	<u>Total Throughput (Tank Cleanings)</u>
1	1,350
1-2	2,700
1-3	4,050
1-4	5,400
1-5	6,750
1-6	8,100
1-7	9,450
1-8	10,800
1-9	12,150
1-10	13,505
1-11	13,505
1-12	13,505

After the first twelve months of operation this facility shall conform with the limitations and reporting requirements of this condition.

This facility shall maintain daily records which list the following information for emissions unit P312:

- a. the number of tank cleanings (batches);
- b. the total hours of daily operation of this emissions unit;
- c. calculations showing the hourly and daily OC emissions from each emissions unit;
- d. calculations showing the hourly OC emissions from Tank Cleaning to the Small Batch Fugitive Stack; and,
- e. calculations showing the hourly OC emissions from Tank Cleaning to the Truck Bay Doors.

These records, as well as any supporting analyses and computations, shall be retained in the company's files for a period of not less than three (3) years and shall be made available to the Director or any authorized representative of

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the Director for review upon verbal or written request, during normal business hours.

This facility shall notify CDO of any exceedance(s) of the permitted emissions limits and/or cleaning rate. A report of the exceedance(s), including any corrective actions taken to correct exceedance(s) shall be sent to CDO within thirty (30) days following the end of the calendar month in which the violation occurred.

This facility shall submit quarterly reports to the CDO, which provide the total OC emissions for the Tank Cleaning Process and which documents any exceedance(s) of the permitted production rate and/or emissions limits, hourly and/or daily, for the previous three (3) calendar months (October 1 through December 31, January 1 through March 31, April 1 through June 30, and July 1 through September 30, respectively). The reports shall be submitted by February 15, May 15, August 15, and November 15 of each year.

In accordance with OAC Rule 3745-15-06, any malfunction of the source(s) or associated air pollution control system(s) shall be reported within one half hour to the Ohio EPA, Central District Office.

Except as provided by OAC Rule 3745-15-06(A)(3), scheduled maintenance of air pollution control equipment, that requires the shutdown or bypassing of said equipment, must be accompanied by the shutdown of the associated air pollution source(s).

This facility shall utilize a Portable Tank Washer Small Batch Fugitive Stack emission factor of 1.535 E-1 lb. VOC/cycle for emission unit P312, unless otherwise approved in writing by Ohio EPA, CDO.

This facility shall utilize a Portable Tank Washer Truck Bay Door emission factor of 6.266 E-3 lbs. VOC/cycle for emission unit P312, unless otherwise approved in writing by Ohio EPA, CDO.

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This facility shall utilize a Portable Tank Washer Conc/Ox emission factor of 2.39 E-2 lbs. VOC/cycle for emission unit P312, unless otherwise approved in writing by Ohio EPA, CDO.

I. Operating, Recordkeeping and Reporting Requirements for Floor Mopping

This facility uses reclaim solvent to mop floor. The maximum daily evaporation rate of photochemically reactive material shall be limited to 1.5 gallons.

This facility shall utilize a Floor Mop OC Small Batch Fugitive Stack emission factor of 7.84 lbs. OC/gal. of material evaporated from this emissions unit in the Small Batch Production Area, unless otherwise approved in writing by Ohio EPA, CDO.

This facility shall utilize a Floor Mop OC Large Batch Fugitive Stack emission factor of 7.84 lbs. OC/gal. of material evaporated from this emissions unit in the Large Batch Production Area, unless otherwise approved in writing by Ohio EPA, CDO.

This facility shall utilize a Floor Mop OC Truck Bay Door emission factor of 0.16 lbs. OC/gal. of material evaporated from this emissions unit, unless otherwise approved in writing by Ohio EPA, CDO.

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

- a. the number of gallons of reclaim solvent evaporated;
- b. the production area where the floor was mopped;
- c. the total hours of daily operation;
- d. calculations showing the hourly OC emissions from this emissions unit;

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- e. calculations showing the hourly OC emissions from Floor Mopping to the Small Batch Fugitive Stack;
- f. calculations showing the hourly OC emissions from Floor Mopping to the Large Batch Fugitive Stack; and,
- g. calculations showing the hourly OC emissions from Floor Mopping to the Truck Bay Doors.

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

This facility shall notify CDO of any exceedance(s) of the permitted emissions limits and/or evaporation rate. A report of the exceedance(s), including any corrective actions taken to correct exceedance(s) shall be sent to CDO within thirty (30) days following the end of the calendar month in which the violation occurred.

This facility shall submit quarterly reports to the CDO, which provide the total OC emissions from this emissions unit and which documents any exceedance(s) of the permitted evaporation rate and/or emissions limits, hourly and/or daily, for the previous three (3) calendar months (October 1 through December 31, January 1 through March 31, April 1 through June 30, and July 1 through September 30, respectively). The reports shall be submitted by February 15, May 15, August 15, and November 15 of each year.

M. Thermal Incinerator Temperature Monitoring and Recordkeeping Requirements

The permittee shall operate and maintain a continuous temperature monitor and recorder which measures and records the temperature of the exhaust gases from the thermal incinerator when the emissions unit is in operation. Units shall be in degree Fahrenheit. The accuracy for each thermocouple, monitor, and recorder shall be guaranteed by the manufacturer to be within ± 1 percent of the temperature being measured at ± 5 degrees Fahrenheit, whichever is greater. The temperature monitor and recorder shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and operating

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manuals.

The permittee shall collect and record the following information each day:

- a. The average temperature of the exhaust gases from the thermal incinerator during each of the 8 3-hour blocks of time during the day.
- b. A log or record of operating time for the capture (collection) system, control device, monitoring equipment, and the associated emissions unit.

Thermal Incinerator Operational Restriction

The average temperature of the exhaust gases from the thermal incinerator, for any 3-hour block of time, shall not be less than 1350°F.

This facility shall submit semi-annual reports which provide the following information for each period during which the incinerator inlet temperature falls below 1350°F.

- a. the date of the excursion;
- b. the time interval over which the excursion occurred;
- c. the temperature values during the excursion;
- d. the cause(s) for the excursion; and,
- e. the corrective action which has been or will be taken to prevent similar excursions in the future.

This report does not waive the reporting requirements of OAC Rule 3745-15-06.

The reports shall be submitted by February 15 and August 15 of each year and shall cover the previous six calendar months (July 1 through December 31 and January 1 through June 30, respectively).

N. Compliance Testing Requirements

If required, this facility shall conduct, or have conducted, emission tests in order to demonstrate compliance with the allowable OC emission limitation and emission control system

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performance requirements established in this PTI. NOTE: This facility demonstrated compliance with the hourly mass emission limits listed in this PTI through emissions testing conducted on January 13, 1998. The emission tests shall be conducted in accordance with the test methods outlined in this PTI and procedures specified in OAC Rule 3745-21-10. The test(s) shall be conducted under maximum production rates unless otherwise specified or approved by the Ohio EPA.

This facility submitted "worst" case modeling that corresponds to the emission exiting from the Small Batch Stacks 1 and 2, Large Batch Stacks 1, 2, and 3, Truck Bay Doors, and Concentrator/Oxidizer Stack. This PTI limits the emissions exiting from these points. Emissions that may exit from the four (4) additional stacks will reduce the impact; therefore, these four (4) stacks shall remain closed during compliance testing.

The emissions from the Truck Bay Doors shall be determined by using the following:

TBD = CER - MER

TBD - The emissions rate from the Truck Bay Doors (lbs. OC/hour).

CER - Calculated emissions rate (lbs. OC/hour), theoretical mass emissions calculated, using the same mathematical method presented by AKZO in the submitted PTI application to determine mass emissions and substituting the assumed destruction efficiency with the measured destruction efficiency.

MER - Measured emissions rate (lbs. OC/hour), total mass of the measured emissions exiting from the stacks (Concentrator/Oxidizer, Small Batch 1 and 2, and Large Batch 1, 2, and 3).

All requirements of U.S. EPA Reference Methods shall be met. Including, the stacks (Concentrator/Oxidizer, Small Batch 1 and 2, and Large Batch 1, 2, and 3) shall meet all of U.S. EPA Method 1 criteria.

The OC emissions from the stacks (Concentrator/Oxidizer, Small Batch 1 and 2, and Large Batch 1, 2, and 3) shall be measured following U.S. EPA Method 25 or 25A, as appropriate per U.S.

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EPA Guidance. The Concentrator/Oxidizer stack shall be measured before and after the concentrator and after the incinerator to determine compliance with the destruction efficiency.

Not later than thirty (30) days prior to the proposed test date(s), this facility shall submit an approvable "Intent To Test" (ITT) notification. The ITT shall be approved by Ohio EPA, Central Office and U.S. EPA. The ITT shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the tests, the materials to be used in the emissions units during the test, and the means of determining that they represent the "worst case" scenario. Failure to submit such notification for review and approval prior to the tests may result in the Ohio EPA, Central District Office's (CDO) refusal to accept the results of the emissions tests.

Personnel from the Ohio EPA shall be permitted to witness the tests, examine the testing equipment, and acquire data and information regarding the source operating parameters.

A comprehensive written report on the results of the emission tests shall be submitted within 30 days following completion of the tests.

O. Changes in Materials Restrictions

This facility has the operational flexibility to change raw materials for coating formulations. The raw materials shall have an OC Threshold Limit Value (TLV) of 74,424,000 ug/m³ or greater and a PM TLV of 2,268 ug/m³ or greater. The following materials are exempt from this condition because they are limited in this PTI:

Acrylonitrile	Formaldehyde
Antimony	Isophorone
Arsenic	Lead
Benzene	Napthalene
Cadmium	Nickel
Chromium (III)	Phenol
Chromium (IV)	Silica
Cobalt	Vinyl Acetate
Ethyl Acrylate	

Any and all materials with an OC Threshold Limit Value (TLV) less than 74,424,000 ug/m³ or a PM TLV less than 2,268 ug/m³

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shall not be employed in the Replacement Coil/Extrusion Coating Manufacturing Operations.

P. Odors

This facility shall not cause an odor nuisance in violation of OAC Rule 3745-15-07.

Q. Preventative Maintenance and Malfunction Abatement Plan (PM & MAP)

Akzo Noble Coatings, Inc. shall prepare and implement a PM & MAP for the control equipment. This plan shall include the requirements for compliance with OAC Rule 3745-15-06. This plan shall be submitted to the Ohio EPA, CDO for review and approval before a Permit To Operate will be issued.

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R. Allowable Annual Emissions Limitations, Recordkeeping and Reporting Requirements for Specific Toxic Constituents

The rolling twelve month emissions for the listed constituents from the Coil/Extrusion Coating Manufacturing Operations shall not exceed the following:

<u>Constituent</u>	<u>Allowable Emissions (tons/rolling twelve months)</u>
Acrylonitrile	1.0
Antimony	1.0
Arsenic	1.0
Benzene	1.0
Cadmium	1.0
Chromium (III)	1.0
Chromium (IV)	0.1
Cobalt	1.0
Ethyl Acrylate	1.0
Formaldehyde	1.0
Isophorone	1.0
Lead	0.6
Napthalene	1.0
Nickel	1.0
Phenol	1.0
Silica	1.0
Vinyl Acetate	1.0

The maximum rolling twelve (12) month coatings production rate for Coil/Extrusion Coating Manufacturing Operations shall be limited to 9,500,000 gallons. The production emissions will be assigned to the day the coating is drained from the letdown tank (corresponds to filling report). In order to ensure federal enforceability, for the first twelve calendar months of operation, this facility shall not exceed the following coatings production rate limits for the specific time period:

<u>Month</u>	<u>Total Throughput (gallons)</u>
1	873,312
1-2	1,746,624
1-3	2,619,936
1-4	3,493,248
1-5	4,366,560
1-6	5,239,872
1-7	6,113,184
1-8	6,986,496

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1-9	7,809,808
1-10	8,633,120
1-11	9,386,432
1-12	9,500,000

After the first twelve months of operation this facility shall conform with the limitations and reporting requirements of this condition.

This facility shall maintain monthly records which list the following information for products produced in the Coil/Extrusion Coating Manufacturing Operations Area:

- a. the number of gallons of product produced in the Coil/Extrusion Coating Manufacturing Operations Area;
- b. calculations showing the monthly emissions of acrylonitrile from the Coil/Extrusion Coating Manufacturing Operations Area;
- c. calculations showing the monthly emissions of antimony from the Coil/Extrusion Coating Manufacturing Operations Area;
- d. calculations showing the monthly emissions of arsenic from the Coil/Extrusion Coating Manufacturing Operations Area;
- e. calculations showing the monthly emissions of benzene from the Coil/Extrusion Coating Manufacturing Operations Area;
- f. calculations showing the monthly emissions of cadmium from the Coil/Extrusion Coating Manufacturing Operations Area;

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- g. calculations showing the monthly emissions of chromium (III) from the Coil/Extrusion Coating Manufacturing Operations Area;
- h. calculations showing the monthly emissions of chromium (IV) from the Coil/Extrusion Coating Manufacturing Operations Area;
- i. calculations showing the monthly emissions of cobalt from the Coil/Extrusion Coating Manufacturing Operations Area;
- j. calculations showing the monthly emissions of ethyl acrylate from the Coil/Extrusion Coating Manufacturing Operations Area;
- k. calculations showing the monthly emissions of formaldehyde from the Coil/Extrusion Coating Manufacturing Operations Area;
- l. calculations showing the monthly emissions of isophorone from the Coil/Extrusion Coating Manufacturing Operations Area;
- m. calculations showing the monthly emissions of lead from the Coil/Extrusion Coating Manufacturing Operations Area;
- n. calculations showing the monthly emissions of naphthalene from the Coil/Extrusion Coating Manufacturing Operations Area;
- o. calculations showing the monthly emissions of nickel from the Coil/Extrusion Coating Manufacturing Operations Area;
- p. calculations showing the monthly emissions of phenol from the Coil/Extrusion Coating Manufacturing Operations Area;
- q. calculations showing the monthly emissions of silica from the Coil/Extrusion Coating Manufacturing Operations Area; and,

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- r. calculations showing the monthly emissions of vinyl acetate from the Coil/Extrusion Coating Manufacturing Operations Area.

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

This facility shall notify CDO of any exceedance(s) of the permitted emissions limits and/or production rate. A report of the exceedance(s), including any corrective actions taken to correct exceedance(s) shall be sent to CDO within thirty (30) days following the end of the calendar month in which the violation occurred.

This facility shall submit quarterly reports to the CDO, which provide the rolling twelve month total emissions of each constituent from the Coil/Extrusion Coating Manufacturing Operations Area and which documents any exceedance(s) of the permitted production rate and/or emissions limits for the previous three (3) calendar months (October 1 through December 31, January 1 through March 31, April 1 through June 30, and July 1 through September 30, respectively). The reports shall be submitted by February 15, May 15, August 15, and November 15 of each year.

S. Allowable Hourly Emissions Limitations, Recordkeeping and Reporting Requirements for the Egress Points

The hourly emissions from the Egress Points shall not exceed the following:

Concentrator/Oxidizer	43.43 (lbs. OC/hour)	0.56 (lbs. PM/hour)
Small Batch Stack 1	10.58 (lbs. OC/hour)	0.004 (lbs. PM/hour)
Small Batch Stack 2	10.58 (lbs. OC/hour)	0.003 (lbs. PM/hour)

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Large Batch Stack 1	2.84 (lbs. OC/hour)	0.277 (lbs. PM/hour)
Large Batch Stack 2	2.84 (lbs. OC/hour)	0.277 (lbs. PM/hour)
Large Batch Stack 3	2.84 (lbs. OC/hour)	0.277 (lbs. PM/hour)
Truck Bay Doors	0.61 (lbs. OC/hour)	0.017 (lbs. PM/hour)
Strontium Chromate Stack	0.0114(lbs. OC/hour)	2.49 E-5 (lbs. PM/hour)

The Egress Points are limited to ensure compliance with the Ohio EPA Air Toxics Policy. Akzo demonstrated through modeling that this "worst" case scenario is in compliance with the Ohio EPA Air Toxics Policy.

This facility shall maintain daily records which list the following information:

- a. calculations showing the hourly OC emissions from the load arm to the Conc/Ox stack;
- b. calculations showing the hourly OC emissions from Premix Tanks to the Large Batch Fugitive Stack;
- c. calculations showing the hourly OC emissions from Large Batch Premix Tanks to the Truck Bay Doors;
- d. calculations showing the hourly OC emissions from Large Batch Premix Tanks to the Conc/Ox Stack;
- e. calculations showing the hourly PM emissions from Premix Tanks to the Large Batch Fugitive Stack;
- f. calculations showing the hourly PM emissions from Large Batch Premix Tanks to the Truck Bay Doors;
- g. calculations showing the hourly OC emissions from Thindown Tanks to the Large Batch Fugitive Stack;

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- h. calculations showing the hourly OC emissions from Large Batch Thindown Tanks to the Truck Bay Doors;
- i. calculations showing the hourly OC emissions from Large Batch Thindown Tanks to the Conc/Ox Stack;
- j. calculations showing the hourly OC emissions from Small Batch Portable to the Small Batch Fugitive Stack;
- k. calculations showing the hourly OC emissions from Small Batch Portable to the Truck Bay Doors;
- l. calculations showing the hourly OC emissions from Small Batch Portable to the Conc/Ox Stack;
- m. calculations showing the hourly PM emissions from Small Batch Portable to the Conc/Ox Stack;
- n. calculations showing the hourly OC emissions from Strontium Chromate Slurry System to the Large Batch Fugitive Stack;
- o. calculations showing the hourly OC emissions from Strontium Chromate Slurry System to the Truck Bay Doors;
- p. calculations showing the hourly OC emissions from Strontium Chromate Slurry System to the Conc/Ox Stack;
- q. calculations showing the hourly OC emissions from Filter Carts to the Small Batch Fugitive Stack;
- r. calculations showing the hourly OC emissions from Filter Carts to the Truck Bay Doors;
- s. calculations showing the hourly OC emissions from Filter Carts to the Conc/Ox Stack;
- t. calculations showing the hourly OC emissions from Cold Cleaners to the Small Batch Fugitive Stack;

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- u. calculations showing the hourly OC emissions from Cold Cleaners to the Large Batch Fugitive Stack;
- v. calculations showing the hourly OC emissions from Cold Cleaners to the Truck Bay Doors;
- w. calculations showing the hourly OC emissions from Cold Cleaners to the Conc/Ox Stack;
- x. calculations showing the hourly OC emissions from Shaft Cleaning to the Small Batch Fugitive Stack;
- y. calculations showing the hourly OC emissions from Shaft Cleaning to the Truck Bay Doors;
- z. calculations showing the hourly OC emissions from Floor Mopping to the Small Batch Fugitive Stack;
- aa. calculations showing the hourly OC emissions from Floor Mopping to the Large Batch Fugitive Stack;
- bb. calculations showing the hourly OC emissions from Floor Mopping to the Truck Bay Doors;
- cc. calculations showing the hourly OC emissions from each Large Batch Fugitive Stack;
- dd. calculations showing the hourly OC emissions from each Small Batch Fugitive Stack;
- ee. calculations showing the hourly OC emissions from the Truck Bay Doors;
- ff. calculations showing the hourly OC emissions from the Conc/Ox Stack;
- gg. calculations showing the hourly OC emissions from Microbatch Production Area to each Small Batch Fugitive Stack;
- hh. calculations showing the hourly OC emissions from Microbatch Production Area to the Truck Bay Doors;
- ii. calculations showing the hourly OC emissions from Microbatch Production Area to the Conc/Ox Stack;
- jj. calculations showing the hourly PM emissions from Microbatch Production Area to each Small Batch Fugitive Stack; and,

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kk. calculations showing the hourly PM emissions from Microbatch Production Area to the Truck Bay Doors.

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

This facility shall notify CDO of any exceedance(s) of the permitted emissions limits. A report of the exceedance(s), including any corrective actions taken to correct exceedance(s) shall be sent to CDO within thirty (30) days following the end of the calendar month in which the violation occurred.

This facility shall submit quarterly reports to CDO which documents any exceedance(s) of the permitted hourly emissions limits, for the previous three (3) calendar months (October 1 through December 31, January 1 through March 31, April 1 through June 30, and July 1 through September 30, respectively). The reports shall be submitted by February 15, May 15, August 15, and November 15 of each year.

T. This PTI supersedes PTI 01-5788 as issued on January 24, 1996.