

Facility ID: 0857100612 Issuance type: Final State Permit To Operate

This version of facility specific terms and conditions was converted from a database format to an HTML file during an upgrade of the Ohio EPA, Division of Air Pollution Control's permitting software. Every attempt has been made to convert the terms and conditions to look and substantively conform to the permit issued or being drafted in STARS. However, the format of the terms may vary slightly from the original. In addition, although it is not expected, there is a slight possibility that a term and condition may have been inadvertently "left out" of this reproduction during the conversion process. Therefore, if this version is to be used as a starting point in drafting a new version of a permit, it is imperative that the entire set of terms and conditions be reviewed to ensure they substantively mimic the issued permit. The official version of any permit issued final by Ohio EPA is kept in the Agency's Legal section. The Legal section may be contacted at (614) 644-3037.

In addition to the terms and conditions, hyperlinks have been inserted into the document so you may more readily access the section of the document you wish to review.

Finally, the term language under "Part II" and before "A. Applicable Emissions Limitations..." has been added to aid in document conversion, and was not part of the original issued permit.

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Facility ID: 0857100612 Emissions Unit ID: K001 Issuance type: Final State Permit To Operate

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Part II - Special Terms and Conditions

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

1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (a) None.
2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (a) None.

A. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
A & B Rear Assembly Line Coating Operation (K001); miscellaneous metal parts	OAC rule 3745-31-05 See F.3.	52.6 lbs VOC/day and 8.20 tons VOC/yr (including cleanup)
	OAC rule 3745-21-09(U)(1)(c) See F.3.	3.5 lbs VOC/gallon, excluding water and exempt solvents

2. **Additional Terms and Conditions**
 - (a) None

B. Operational Restrictions

1. None

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each month for the line:
 - a. The name and identification number of each coating, as applied.
 - b. The VOC content of each coating (excluding water and exempt solvents), as applied.
 - c. The number of gallons (excluding water and exempt solvents) of each coating employed.
 - d. The name and identification of each cleanup material employed.
 - e. The VOC content of each cleanup material, in pounds per gallon.
 - f. The number of gallons of each cleanup material employed.
 - g. The total VOC emissions from all coatings and cleanup materials employed, in pounds or tons.
 - h. The total number of days the emissions unit was in operation.
 - i. The average daily volatile organic compound emission rate for all coating materials, i.e. (d)/(e), in pounds per day.

D. Reporting Requirements

1. The permittee shall notify the Director (the Regional Air Pollution Control Agency) in writing of any monthly record showing the use of noncomplying coatings. The notification shall include a copy of such record and shall be sent to the Director (the Regional Air Pollution Control Agency) within 30 days following the end of the calendar month.
2. In accordance with paragraph 3 of the General Terms and Conditions, the permittee shall submit quarterly deviation (excursion) reports that identify all days during which the average daily volatile organic compound

emissions rate from the coating material exceeded 52.6 pounds, and the actual volatile organic emissions rate for each such day.

3. The permittee shall also submit annual reports which specify the total VOC emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.

E. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.1. of these terms and conditions shall be determined in accordance with the following method(s):

Emission Limitation-
52.6 lbs VOC/day

Applicable Compliance Method-
Compliance shall be based upon record keeping as specified in C.1.

Emission Limitation-
8.20 tons VOC/yr

Applicable Compliance Method-
Compliance shall be based upon the record keeping as specified in C.1. and shall be the sum of the daily VOC emissions for the calendar year divided by 2,000 lbs/ton.

2. USEPA Method 24 shall be used to determine the VOC contents for coatings. If, pursuant to section 4.3 of method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 cannot be used for a particular coating, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating to demonstrate compliance until USEPA provides alternative analytical procedures or alternative precision statements for Method 24.

F. Miscellaneous Requirements

1. The permittee is hereby notified that this permit, and all agency records concerning the operation of this permitted emissions unit are subject to public disclosure in accordance with OAC rule 3745-49-03.
2. The permittee shall comply with any applicable State and federal requirements governing the storage, treatment, transport, and disposal of any waste material generated by the operation of this emissions unit.
3. The following terms and conditions shall supersede all the air pollution control requirements for this emissions unit contained in permit to install 08-3340, as issued on May 17, 1995: Part II Sections:A.1, C.1, C.2, D.1, D.2, E.2, F.1, and F.2.

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Part II - Special Terms and Conditions

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

1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (a) None.
2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (a) None.

A. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Main Assembly Line Coating Operation; miscellaneous metal parts	OAC rule 3745-31-05 See F.3.	157.5 lbs VOC/day and 24.6 tons VOC/yr
	OAC rule 3745-21-09(U)(1)(c) See F.3.	3.5 lbs VOC/ gallon, excluding water and exempt solvents (waterbased- no cleanup)

2. **Additional Terms and Conditions**
 - (a) None

B. Operational Restrictions

1. None
- C. **Monitoring and/or Record Keeping Requirements**
 1. The permittee shall collect and record the following information each day for the coating line:
 - a. The name and identification number of each coating as applied.
 - b. The VOC content of each coating (excluding water and exempt solvents) as applied.
 - c. The number of gallons (excluding water and exempt solvents) of each coating employed.
 - d. The total VOC emissions from all coatings employed, in pounds.
- D. **Reporting Requirements**
 1. The permittee shall notify the Director (the Regional Air Pollution Control Agency) in writing of any monthly record showing the use of noncomplying coatings. The notification shall include a copy of such record and shall be sent to the Director (the Regional Air Pollution Control Agency) within 30 days following the end of the calendar month.
 2. In accordance with paragraph 3 of the General Terms and Conditions, the permittee shall submit quarterly deviation (excursion) reports that identify all days during which the daily volatile organic compound emissions rate from the coating material exceeded 157.5 pounds, and the actual volatile organic emissions rate for each such day.
 3. The permittee shall also submit annual reports which specify the total VOC emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.
- E. **Testing Requirements**
 1. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):

Emission Limitation-
157.5 lbs VOC/day

Applicable Compliance Method-
Compliance shall be based upon record keeping as specified in C.1.

Emission Limitation-
24.6 tons VOC/yr

Applicable Compliance Method-
Compliance shall be based upon the record keeping as specified in C.1. and shall be the sum of the daily VOC emissions for the calendar year divided by 2,000 lbs/ton.
 2. USEPA Method 24 shall be used to determine the VOC contents for coatings. If, pursuant to section 4.3 of method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 cannot be used for a particular coating, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating to demonstrate compliance until USEPA provides alternative analytical procedures or alternative precision statements for Method 24.
- F. **Miscellaneous Requirements**
 1. The permittee is hereby notified that this permit, and all agency records concerning the operation of this permitted emissions unit are subject to public disclosure in accordance with OAC rule 3745-49-03.
 2. The permittee shall comply with any applicable State and federal requirements governing the storage, treatment, transport, and disposal of any waste material generated by the operation of this emissions unit.
 3. The following terms and conditions shall supersede all the air pollution control requirements for this emissions unit contained in permit to install 08-2105, as issued on October 31, 1990: Part II Sections:A.1, C.1, D.2, E.2, F.1, and F.2.

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Part II - Special Terms and Conditions

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

1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (a) None.
2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (a) None.

A. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Brake Drum Coating Operation; miscellaneous metal parts	OAC rule 3745-31-05 See F.3.	210.0 lbs VOC/day and 32.8 tons VOC/yr
	OAC rule 3745-21-09(U)(1)(c) See F.3.	3.5 lbs VOC/ gallon, excluding water and exempt solvents (waterbased- no cleanup)

2. **Additional Terms and Conditions**

- (a) None

B. Operational Restrictions

1. None

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each day for the coating line:
 - a. The name and identification number of each coating as applied.
 - b. The VOC content of each coating (excluding water and exempt solvents) as applied.
 - c. The number of gallons (excluding water and exempt solvents) of each coating employed.
 - d. The total VOC emissions from all coatings employed, in pounds.

D. Reporting Requirements

1. The permittee shall notify the Director (the Regional Air Pollution Control Agency) in writing of any monthly record showing the use of noncomplying coatings. The notification shall include a copy of such record and shall be sent to the Director (the Regional Air Pollution Control Agency) within 30 days following the end of the calendar month.
2. In accordance with paragraph 3 of the General Terms and Conditions, the permittee shall submit quarterly deviation (excursion) reports that identify all days during which the daily volatile organic compound emissions rate from the coating material exceeded 210.0 pounds, and the actual volatile organic emissions rate for each such day.
3. The permittee shall also submit annual reports which specify the total VOC emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.

E. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):

Emission Limitation-
210.0 lbs VOC/day

Applicable Compliance Method-
Compliance shall be based upon record keeping as specified in C.1.

Emission Limitation-
32.8 tons VOC/yr

Applicable Compliance Method-
Compliance shall be based upon the record keeping as specified in C.1. and shall be the sum of the daily VOC emissions for the calendar year divided by 2,000 lbs/ton.
2. USEPA Method 24 shall be used to determine the VOC contents for coatings. If, pursuant to section 4.3 of method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 cannot be used for a particular coating, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating to demonstrate compliance until USEPA provides alternative analytical procedures or alternative precision statements for Method 24.

F. Miscellaneous Requirements

1. The permittee is hereby notified that this permit, and all agency records concerning the operation of this permitted emissions unit are subject to public disclosure in accordance with OAC rule 3745-49-03.
2. The permittee shall comply with any applicable State and federal requirements governing the storage, treatment, transport, and disposal of any waste material generated by the operation of this emissions unit.
3. The following terms and conditions shall supersede all the air pollution control requirements for this emissions unit contained in permit to install 08-2106, as issued on October 31, 1990: Part II Sections:A.1, C.1, D.2, E.2, F.1, and F.2.

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Facility ID: 0857100612 Emissions Unit ID: K004 Issuance type: Final State Permit To Operate

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Part II - Special Terms and Conditions

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

1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (a) None.
2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (a) None.

A. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
No. 1 MTB Coating Operation	OAC rule 3745-31-05 See F.3.	28.08 lbs VOC/day and 5.12 tons VOC/yr (including cleanup); 0.12 lb/hr particulate matter 2.3 lbs VOC/gallon, excluding water and exempt solvents
	OAC rule 3745-21-09(U)(1)(c) See F.3.	Less stringent than the VOC content limit above.
	OAC rule 3745-17-11 See F.3.	Less stringent than the particulate limit above.

2. **Additional Terms and Conditions**
 - (a) None

B. Operational Restrictions

1. The permittee shall employ a filter media system at all times while the emissions unit is in operation.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each month for the line:
 - a. The name and identification number of each coating, as applied.
 - b. The VOC content of each coating (excluding water and exempt solvents), as applied.
 - c. The number of gallons (excluding water and exempt solvents) of each coating employed.
 - d. The name and identification of each cleanup material employed.
 - e. The VOC content of each cleanup material, in pounds per gallon.
 - f. The number of gallons of each cleanup material employed.
 - g. The total VOC emissions from all coatings and cleanup materials employed, in pounds or tons.
 - h. The total number of days the emissions unit was in operation.
 - i. The average daily volatile organic compound emission rate for all coating materials, i.e. (d)/(e), in pounds per day.

D. Reporting Requirements

1. The permittee shall notify the Director (the Regional Air Pollution Control Agency) in writing of any monthly record showing the use of noncomplying coatings. The notification shall include a copy of such record and shall be sent to the Director (the Regional Air Pollution Control Agency) within 30 days following the end of the calendar month.
2. In accordance with paragraph 3 of the General Terms and Conditions, the permittee shall submit quarterly deviation (excursion) reports that identify all days during which the average daily volatile organic compound emissions rate from the coating material exceeded 28.08 pounds, and the actual volatile organic emissions rate for each such day.
3. The permittee shall also submit annual reports which specify the total VOC emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.

E. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):

Emission Limitation-
28.08 lbs VOC/day

Applicable Compliance Method-
Compliance shall be based upon record keeping as specified in C.1.

Emission Limitation-
5.12 tons VOC/yr

The 5.12 tons/yr limitation was developed by multiplying the 28.08 pounds VOC/day limitation by the maximum operating schedule of 365 days/yr and dividing by 2,000 lbs/ton. Therefore, provided compliance is shown with the daily limitation, compliance will also be shown with the annual limitation.

Emission Limitation-
0.12 lb/hr particulate matter

Applicable Compliance Method:
To determine the actual worst case emission rate for particulate matter, the following equation shall be used:

$E = \text{maximum coating solids usage rate (in pounds per hour)} \times (1-TE) \times (1-CE)$

E = particulate matter emissions rate (lbs/hr)

TE = transfer efficiency, which is the ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used

CE = control efficiency of the control equipment

2. USEPA Method 24 shall be used to determine the VOC contents for coatings. If, pursuant to section 4.3 of method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 cannot be used for a particular coating, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating to demonstrate compliance until USEPA provides alternative analytical procedures or alternative precision statements for Method 24.

F. Miscellaneous Requirements

1. The permittee is hereby notified that this permit, and all agency records concerning the operation of this permitted emissions unit are subject to public disclosure in accordance with OAC rule 3745-49-03.
2. The permittee shall comply with any applicable State and federal requirements governing the storage, treatment, transport, and disposal of any waste material generated by the operation of this emissions unit.
3. The following terms and conditions shall supersede all the air pollution control requirements for this emissions unit contained in permit to install 08-3755, as issued on October 8, 1997: Part II All Sections.