Facility ID: 1677080000 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.

Go to Part II for Emissions Unit P003
Go to Part II for Emissions Unit P901

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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.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
Skinner S80 Banbury Mixer	OAC 3745-31-05 See F.3 below.	0.5 lb/hr of particulate matter 3.0 lbs/hr of organic materials 15.0 lbs/day of organic materials See A.2.a. below.
	OAC 3745-17-07 See F.3 below.	20% opacity as a three-minute average, for fugitive emissions 20% opacity as a six-minute average, for stack emissions
	OAC 3745-17-08	See A.2.c below.
	OAC 3745-17-11	See A.2.c below.
	OAC 3745-21-07(G)	See A.2.c below.

2. **Additional Terms and Conditions**

(a) The permittee shall employ Best Available Technology to control particulate matter emissions from this emissions unit. The control technology shall include the following:

i. the installation and use of hoods, fans, and other equipment to adequately enclose, contain, capture, and vent particulate matter; and

ii. the installation and use of a fabric filter to control particulate matter emissions.
The fabric filter shall be operated and maintained in accordance with the manufacturer's recommendations, instructions and operating manual(s).
The emission limitations required in OAC 3745-17-11 and OAC 3745-21-07(G) are less stringent than the emission limitations required by Best Available Technology.

B. **Operational Restrictions**

1. None

C. **Monitoring and/or Record Keeping Requirements**

1. None

D. **Reporting Requirements**

1. None

E. **Testing Requirements**

1. Compliance with the emission limitations in Section A.1 of these terms and conditions shall be determined in accordance with the following methods:
Emission Limitation:

0.5 lb/hr of particulate matter

Applicable Compliance Method:

Multiply the particulate emission factor of 0.4 pound of particulate emissions per ton of production by the maximum hourly production rate.

The emission factor is based on the assumption that 1% of the material processed is emitted and the overall control efficiency is 98%.
Emission Limitation:

3.0 lbs/hr of organic materials

Applicable Compliance Method:

Multiply the organic materials emission factor of 0.18 pound of organic materials emissions per ton of rubber milled by the maximum hourly amount of rubber milled.

The emission factor is based on the Rubber Manufacturer's Association study for milling operations.
Emission Limitation:

15.0 lbs/day of organic materials

Applicable Compliance Method:

Multiply the organic materials emission factor of 0.18 pound of organic materials emissions per ton of rubber milled by the maximum hourly amount of rubber milled times 24 hrs/day.

The emission factor is based on the Rubber Manufacturer's Association study for milling operations.
Emission Limitation:

20% opacity as a 3-minute average

Applicable Compliance Method:

OAC rule 3745-17-03(B)(3)
Emission Limitation:

20% opacity as a 6-minute average

Applicable Compliance Method:

OAC rule 3745-17-03(B)(1)

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 the 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 #16-1114, as issued on April 28, 1993: A, E, F.1 and F.2.

THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION

Facility ID: 1677080000 Emissions Unit ID: P901 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.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
Munson Grinder and Conveyor (P901)	OAC 3745-31-05 See F.3 below.	0.6 lb/hr of particulate matter See A.2.a. below.
	OAC 3745-17-07 See F.3 below.	20% opacity, as a 3-minute average, for fugitive emissions
		20% opacity, as a 6-minute average, for stack emissions
	OAC 3745-17-08	See A.2.c below.
	OAC 3745-17-11	See A.2.c below.

2. **Additional Terms and Conditions**

(a) The permittee shall employ Best Available Technology to control particulate matter emission from this emissions unit. The control technology shall include the following:

i. the installation and use of hoods, fans, and other equipment to adequately enclose, contain, capture, and vent particulate matter; and

ii. the installation and use of a fabric filter to control particulate matter emissions.
The fabric filter shall be operated in accordance with the manufacturer's recommendations, instructions and operating manual(s).
The emission limitation required in OAC 3745-17-11 is less stringent than the emission limitation required by Best Available Technology.

B. **Operational Restrictions**

1. None

C. **Monitoring and/or Record Keeping Requirements**

1. None

D. **Reporting Requirements**

1. None

E. **Testing Requirements**

1. Compliance with the emission limitations in Section A.1 of these terms and conditions shall be determined in accordance with the following methods:
Emission Limitation:

0.6 lb/hr of particulate matter

Applicable Compliance Method:

Multiply the particulate emission factor of 0.4 pound of particulate emissions per ton of production by the maximum hourly production rate.

The emission factor is based on the assumption that 1% of the material processed is emitted and the overall control efficiency is 98%.
Emission Limitation:

20% opacity as a 3-minute average

Applicable Compliance Method:

OAC rule 3745-17-03(B)(3)
Emission Limitation:

20% opacity as a 6-minute average

Applicable Compliance Method:

OAC rule 3745-17-03(B)(1)

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 the 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 #16-1246, as issued on February 24, 1993: A, E, F.1 and F.2.