

Facility ID: 0372030070 Issuance type: Title V Draft Permit

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 III" and before "I. Applicable Emissions Limitations..." has been added to aid in document conversion, and was not part of the original issued permit.

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Part II - Specific Facility Terms and Conditions

a State and Federally Enforceable Section

1. None

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b State Only Enforceable Section

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

Filler vent vacuum system (P001); Bag salt delivery (Z000); Bag dump salt unloading-east (Z001); Bag dump unloading-middle (Z002); Bag dump unloading-west (Z003); Rotary coil cook tank #1 (Z101); Rotary coil cook tank #2 (Z102); Rotary coil cook tank #3 (Z103); Rotary coil cook tank #4 (Z104); Rotary coil cook tank #5 (Z105); Rotary coil cook tank #6 (Z106); Rotary coil cook tank #7 (Z107); Rotary coil cook tank #8 (Z108); Rotary coil cook tank #9 (Z109); Rotary coil cook tank #10 (Z110); Vacuum deaerator-line #1 (Z111); Vacuum deaerator-line #2 (Z112); Vacuum deaerator-line #3 (Z113); Vacuum deaerator-line #4 (Z114); Vacuum deaerator-line #5 (Z115); Vacuum deaerator-line #6 (Z116); Vacuum deaerator-line #7 (Z117); Vacuum deaerator-line #8 (Z118); Package coding (Z200); Roadwat fugitive dust (Z300); Fire pump emergency diesel engine (Z310); Vinegar backup generator (Z311); Boiler house emergency backup generator (Z312).

Each insignificant emissions unit at this facility must comply with all applicable State and federal regulations as well as any emission limitations and/or control requirements contained within a PTI for the emissions unit.

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- [Go to Part III for Emissions Unit B004](#)
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Part III - Terms and Conditions for Emissions Units

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Facility ID: 0372030070 Emissions Unit ID: B001 Issuance type: Title V Draft Permit

A. State and Federally Enforceable Section

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

1. None.

I. 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>
56 mmBtu/hr natural gas-fired boiler; #1 boiler	OAC rule 3745-17-10(B)(1) OAC rule 3745-17-07(A)	0.020 lb particulate emissions (PE)/mmBtu of actual heat input 20 percent opacity, as a six-minute average, except as provided by rule

2. Additional Terms and Conditions

- a. Since natural gas is the only fuel fired in this emissions unit, OAC Chapter 3745-18 is not applicable. Hence, there is no SO2 emission limitation established [based on OAC Chapter 3745-18] for this emissions unit.

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II. Operational Restrictions

1. The permittee shall burn only natural gas in this emissions unit.

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III. Monitoring and/or Record Keeping Requirements

1. For each day during which the permittee burns a fuel other than natural gas, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

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IV. Reporting Requirements

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

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V. Testing Requirements

1. Compliance Methods Requirements: Compliance with the emission limitation(s) in section A.I. of the terms and conditions of this permit shall be determined in accordance with the following method(s):
 - a. Emission Limitation:
0.020 lb PE/mmBtu of actual heat input

Applicable Compliance Method: The permittee shall demonstrate compliance with this emission limitation based upon multiplying the boiler's maximum burning capacity of natural gas (56,000 cubic feet/hr) by the AP-42, Table 1.4-2 emission factor [1.9 lbs PE (filterable)/mmcu.ft.] and dividing by the emissions unit's maximum heat input capacity (56 mmBtu/hr). This emission factor is specified in USEPA reference document AP-42, Fifth Edition(revised 7/98), Section 1.4, Table 1.4-2.

If required, the permittee shall demonstrate compliance with the above particulate emissions limitation in accordance with the procedures and methods specified in OAC 3745-17-03(B)(9).
 - b. Emission Limitation:
20 percent opacity, as a six-minute average, except as otherwise provided by rule

Applicable Compliance Method:
OAC rule 3745-17-03(B)(1).

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VI. Miscellaneous Requirements

1. None

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Facility ID: 0372030070 Emissions Unit ID: B001 Issuance type: Title V Draft Permit

B. State Enforceable Section

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

1. None.

I. 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>
2. Additional Terms and Conditions			
1.	None		

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II. Operational Restrictions

1. None

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

- 1. None

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IV. **Reporting Requirements**

- 1. None

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V. **Testing Requirements**

- 1. None

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VI. **Miscellaneous Requirements**

- 1. None

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Part III - Terms and Conditions for Emissions Units

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Facility ID: 0372030070 Emissions Unit ID: B002 Issuance type: Title V Draft Permit

A. State and Federally Enforceable Section

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

- 1. None.

I. **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>
56 mmBtu/hr natural gas-fired boiler; #2 boiler	OAC rule 3745-17-10(B)(1) OAC rule 3745-17-07(A)	0.020 lb particulate emissions (PE)/mmBtu of actual heat input 20 percent opacity, as a six-minute average, except as provided by rule

2. **Additional Terms and Conditions**

- a. Since natural gas is the only fuel fired in this emissions unit, OAC Chapter 3745-18 is not applicable. Hence, there is no SO2 emission limitation established [based on OAC Chapter 3745-18] for this emissions unit.

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II. **Operational Restrictions**

- 1. The permittee shall burn only natural gas in this emissions unit.

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

- 1. For each day during which the permittee burns a fuel other than natural gas, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

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IV. Reporting Requirements

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

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V. Testing Requirements

1. Compliance Methods Requirements: Compliance with the emission limitation(s) in section A.I. of the terms and conditions of this permit shall be determined in accordance with the following method(s):
 - a. Emission Limitation:
0.020 lb PE/mmBtu of actual heat input

Applicable Compliance Method: The permittee shall demonstrate compliance with this emission limitation based upon multiplying the boiler's maximum burning capacity of natural gas (56,000 cubic feet/hr) by the AP-42, Table 1.4-2 emission factor [1.9 lbs PE (filterable)/mmcu.ft.] and dividing by the emissions unit's maximum heat input capacity (56 mmBtu/hr). This emission factor is specified in USEPA reference document AP-42, Fifth Edition(revised 7/98), Section 1.4, Table 1.4-2.

If required, the permittee shall demonstrate compliance with the above particulate emissions limitation in accordance with the procedures and methods specified in OAC 3745-17-03(B)(9).
 - b. Emission Limitation:
20 percent opacity, as a six-minute average, except as otherwise provided by rule

Applicable Compliance Method:
OAC rule 3745-17-03(B)(1).

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VI. Miscellaneous Requirements

1. None

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Facility ID: 0372030070 Emissions Unit ID: B002 Issuance type: Title V Draft Permit

B. State Enforceable Section

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

1. None.

I. 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>
2. Additional Terms and Conditions		
1. None		

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II. Operational Restrictions

1. None

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

- 1. None

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IV. **Reporting Requirements**

- 1. None

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V. **Testing Requirements**

- 1. None

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VI. **Miscellaneous Requirements**

- 1. None

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Part III - Terms and Conditions for Emissions Units

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Facility ID: 0372030070 Emissions Unit ID: B003 Issuance type: Title V Draft Permit

A. State and Federally Enforceable Section

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

- 1. None.

I. **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>
54 mmBtu/hr natural gas/#6 oil-fired boiler; #3 boiler	OAC rule 3745-17-10(C)(1)	when burning #6 oil or a combination of #6 oil and natural gas:
		0.147 pound particulate emissions (PE)/mmBtu of actual heat input
	OAC rule 3745-17-10(B)(1)	when burning only natural gas:
		0.020 lb (PE)/mmBtu of actual heat input
	OAC rule 3745-17-07(A)	20 percent opacity, as a six-minute average, except as provided by rule
	OAC rule 3745-18-06(D)	1.6 pounds sulfur dioxide/mmBtu of actual heat input

2. **Additional Terms and Conditions**

- (a) None

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II. **Operational Restrictions**

- 1. The quality of oil burned in this emissions unit shall meet, on an as-received basis, a sulfur content which is sufficient to comply with the allowable sulfur dioxide emission limitation of 1.6 lbs of sulfur dioxide/mmBtu of

actual heat input.

2. The permittee shall burn only natural gas and/or number 6 fuel oil in this emissions unit.

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III. Monitoring and/or Record Keeping Requirements

1. For each shipment of oil received for burning in this emissions unit, the permittee shall maintain records of the total quantity of oil received, the permittee's or oil supplier's analyses for sulfur content and heat content, and the calculated sulfur dioxide emission rate (in lbs/mmBtu). [The sulfur dioxide emission rate shall be calculated in accordance with the formula specified in OAC rule 3745-18-04(F).] A shipment may be comprised of multiple tank truck loads from the same supplier's batch and the quality of the oil for those loads may be represented by a single batch analysis from the supplier. Also, if necessary, the permittee shall maintain monthly records of the calculated sulfur dioxide emission rate based upon a volume-weighted average of the calculated sulfur dioxide emission rates for all shipments of oil during a calendar month.

The permittee shall collect or require the oil supplier to collect a representative grab sample for each shipment of oil that is received for burning in this emissions unit. The permittee shall perform or require the supplier to perform the analyses for sulfur content and heat content in accordance with 40 CFR Part 60, Appendix A, Method 19, or the appropriate ASTM methods (such as, ASTM methods D240, D4294, D6010), or equivalent methods as approved by the Director.

2. For each day during which the permittee burns a fuel other than natural gas and/or number 6 fuel oil, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

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IV. Reporting Requirements

1. The permittee shall notify the NWDO in writing of any record which shows a deviation of the allowable sulfur dioxide limitation specified in Section A.1. The notification shall include a copy of such record and shall be sent to the NWDO within 45 days after the deviation occurs.
2. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than number 6 fuel oil and/or natural gas was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.

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V. Testing Requirements

1. Compliance Methods Requirements: Compliance with the emission limitation(s) in section A.I. of the terms and conditions of this permit shall be determined in accordance with the following method(s):

- a. Emission Limitations:
 - 0.020 lb PE/mmBtu (for natural gas)
 - 0.147 lb PE/mmBtu (for number 6 fuel oil)
 - 0.147 lb PE/mmBtu (for number 6 fuel oil and natural gas)

Applicable Compliance Method:

When firing natural gas, the permittee shall demonstrate compliance based upon multiplying an emission factor of 1.9 lbs PE (filterable)/mm cu.ft. by the emissions unit's maximum hourly natural gas consumption rate (55,000 cu.ft./hr) and dividing by the emissions unit's maximum heat input capacity (54 mmBtu/hr). The emission factor of 1.9 lb PE (filterable)/mm.cu.ft is specified in USEPA reference document AP-42, Fifth Edition (revised 7/98), Section 1.4, Table 1.4-2.

When firing number 6 fuel oil or a combination of number 6 fuel oil and natural gas, the permittee shall demonstrate compliance based upon multiplying an emission factor of 10 lbs PE (filterable)/1,000 gallons of oil by the emissions unit's maximum hourly number 6 oil consumption rate (360 gallons/hr) and dividing by the emissions unit's maximum heat input capacity (54 mmBtu/hr). The emission factor of 10 lbs PE (filterable)/1,000 gallons of oil is specified in USEPA reference document AP-42, Fifth Edition (revised 9/98).

If required, the permittee shall demonstrate compliance with the above particulate emissions limitation in accordance with the procedures and methods specified in OAC rule 3745-17-03(B)(9).

- b. Emission Limitation:
 - 20 percent opacity, as a six-minute average, except as otherwise provided by rule

Applicable Compliance Method:

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

- c. Emission Limitation: 1.6 pounds sulfur dioxide/mmBtu of actual heat input

Applicable Compliance Method:

When firing fuel oil, except as provided below, compliance with the allowable sulfur dioxide emission limitation shall be demonstrated by documenting that the sulfur content of each shipment of oil received

or each daily sample collected during a calendar month meets the limitation.

If the sulfur content of each shipment of oil received during a calendar month does not comply with the allowable emission limitation on an "as-received" basis or if the sulfur content of each daily sample collected during a calendar month does not comply with the allowable emission limitation on an "as-burned" basis, compliance with the allowable sulfur dioxide emission limitation shall be based upon a volume-weighted average of the calculated sulfur dioxide emission rates for all of the shipments or daily samples of oil during the calendar month.

When firing natural gas, compliance with this limitation will be assumed due to the negligible percent sulfur, by weight, in the fuel.

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VI. **Miscellaneous Requirements**

- 1. None

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B. State Enforceable Section

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

- 1. None.

I. **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>
2. Additional Terms and Conditions			
1.	None		

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II. **Operational Restrictions**

- 1. None

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

- 1. None

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IV. **Reporting Requirements**

- 1. None

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V. **Testing Requirements**

- 1. None

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VI. **Miscellaneous Requirements**

1. None

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Part III - Terms and Conditions for Emissions Units

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Facility ID: 0372030070 Emissions Unit ID: B004 Issuance type: Title V Draft Permit

A. State and Federally Enforceable Section

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

1. None.

I. 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>
90 mmBtu/hr natural gas/#6 oil-fired boiler; #4 boiler	OAC rule 3745-17-10(C)(1)	when burning #6 oil or a combination of #6 oil and natural gas:
		0.147 pound particulate emissions (PE)/mmBtu of actual heat input
	OAC rule 3745-17-10(B)(1)	when burning only natural gas:
		0.020 lb (PE)/mmBtu of actual heat input
	OAC rule 3745-17-07(A)	20 percent opacity, as a six-minute average, except as provided by rule
	OAC rule 3745-18-06(D)	1.6 pounds sulfur dioxide/mmBtu of actual heat input

2. Additional Terms and Conditions

- (a) None

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II. Operational Restrictions

1. The quality of oil burned in this emissions unit shall meet, on an as-received basis, a sulfur content which is sufficient to comply with the allowable sulfur dioxide emission limitation of 1.6 lbs of sulfur dioxide/mmBtu of actual heat input.
2. The permittee shall burn only natural gas and/or number 6 fuel oil in this emissions unit.

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III. Monitoring and/or Record Keeping Requirements

1. For each shipment of oil received for burning in this emissions unit, the permittee shall maintain records of the total quantity of oil received, the permittee's or oil supplier's analyses for sulfur content and heat content, and the calculated sulfur dioxide emission rate (in lbs/mmBtu). [The sulfur dioxide emission rate shall be calculated in accordance with the formula specified in OAC rule 3745-18-04(F).] A shipment may be comprised of multiple tank truck loads from the same supplier's batch and the quality of the oil for those loads may be represented by a single batch analysis from the supplier. Also, if necessary, the permittee shall maintain monthly records of the calculated sulfur dioxide emission rate based upon a volume-weighted average of the calculated sulfur dioxide emission rates for all shipments of oil during a calendar month.

The permittee shall collect or require the oil supplier to collect a representative grab sample for each shipment of oil that is received for burning in this emissions unit. The permittee shall perform or require the supplier to perform the analyses for sulfur content and heat content in accordance with 40 CFR Part 60, Appendix A, Method 19, or the appropriate ASTM methods (such as, ASTM methods D240, D4294,

D6010), or equivalent methods as approved by the Director.

2. For each day during which the permittee burns a fuel other than natural gas and/or number 6 fuel oil, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

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IV. Reporting Requirements

1. The permittee shall notify the NWDO in writing of any record which shows a deviation of the allowable sulfur dioxide limitation specified in Section A.1. The notification shall include a copy of such record and shall be sent to the NWDO within 45 days after the deviation occurs.
2. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than number 6 fuel oil and/or natural gas was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.

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V. Testing Requirements

1. Compliance Methods Requirements: Compliance with the emission limitation(s) in section A.I. of the terms and conditions of this permit shall be determined in accordance with the following method(s):

- a. Emission Limitations:
 - 0.020 lb PE/mmBtu (for natural gas)
 - 0.147 lb PE/mmBtu (for number 6 fuel oil)
 - 0.147 lb PE/mmBtu (for number 6 fuel oil and natural gas)

Applicable Compliance Method:

When firing natural gas, the permittee shall demonstrate compliance based upon multiplying an emission factor of 1.9 lbs PE (filterable)/mm cu.ft. by the emissions unit's maximum hourly natural gas consumption rate (90,000 cu.ft./hr) and dividing by the emissions unit's maximum heat input capacity (90 mmBtu/hr). The emission factor of 1.9 lb PE (filterable)/mm.cu.ft is specified in USEPA reference document AP-42, Fifth Edition (revised 7/98), Section 1.4,Table 1.4-2.

When firing number 6 fuel oil or a combination of number 6 fuel oil and natural gas, the permittee shall demonstrate compliance based upon multiplying an emission factor of 10 lbs PE (filterable)/1,000 gallons of oil by the emissions unit's maximum hourly number 6 oil consumption rate (600 gallons/hr) and dividing by the emissions unit's maximum heat input capacity (90 mmBtu/hr). The emission factor of 10 lbs PE (filterable)/1,000 gallons of oil is specified in USEPA reference document AP-42, Fifth Edition (revised 9/98).

If required, the permittee shall demonstrate compliance with the above particulate emissions limitation in accordance with the procedures and methods specified in OAC rule 3745-17-03(B)(9).

- b. Emission Limitation:
 - 20 percent opacity, as a six-minute average, except as otherwise provided by rule

Applicable Compliance Method:
OAC rule 3745-17-03(B)(1).

- c. Emission Limitation: 1.6 pounds sulfur dioxide/mmBtu of actual heat input

Applicable Compliance Method:
When firing fuel oil, except as provided below, compliance with the allowable sulfur dioxide emission limitation shall be demonstrated by documenting that the sulfur content of each shipment of oil received or each daily sample collected during a calendar month meets the limitation.

If the sulfur content of each shipment of oil received during a calendar month does not comply with the allowable emission limitation on an "as-received" basis or if the sulfur content of each daily sample collected during a calendar month does not comply with the allowable emission limitation on an "as-burned" basis, compliance with the allowable sulfur dioxide emission limitation shall be based upon a volume-weighted average of the calculated sulfur dioxide emission rates for all of the shipments or daily samples of oil during the calendar month.

When firing natural gas, compliance with this limitation will be assumed due to the negligible percent sulfur, by weight, in the fuel.

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VI. Miscellaneous Requirements

1. None

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Facility ID: 0372030070 Emissions Unit ID: B004 Issuance type: Title V Draft Permit

B. State Enforceable Section

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

- 1. None.

I. 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>
2. Additional Terms and Conditions		
1. None		

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II. Operational Restrictions

- 1. None

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III. Monitoring and/or Record Keeping Requirements

- 1. None

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IV. Reporting Requirements

- 1. None

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V. Testing Requirements

- 1. None

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VI. Miscellaneous Requirements

- 1. None

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Facility ID: 0372030070 Emissions Unit ID: B005 Issuance type: Title V Draft Permit

A. State and Federally Enforceable Section

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

- 1. None.

I. 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>
162 mmBtu/hr natural gas/#6 oil-fired boiler; #5 boiler	OAC rule 3745-17-10(C)(1)	when burning #6 oil or a combination of #6 oil and natural gas: 0.147 pound particulate emissions (PE)/mmBtu of actual heat input
	OAC rule 3745-17-10(B)(1)	when burning only natural gas: 0.020 lb (PE)/mmBtu of actual heat input
	OAC rule 3745-17-07(A)	20 percent opacity, as a six-minute average, except as provided by rule
	OAC rule 3745-18-06(D)	1.6 pounds sulfur dioxide/mmBtu of actual heat input

2. Additional Terms and Conditions

- (a) None

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II. Operational Restrictions

- 1. The quality of oil burned in this emissions unit shall meet, on an as-received basis, a sulfur content which is sufficient to comply with the allowable sulfur dioxide emission limitation of 1.6 lbs of sulfur dioxide/mmBtu of actual heat input.
- 2. The permittee shall burn only natural gas and/or number 6 fuel oil in this emissions unit.

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III. Monitoring and/or Record Keeping Requirements

- 1. For each shipment of oil received for burning in this emissions unit, the permittee shall maintain records of the total quantity of oil received, the permittee's or oil supplier's analyses for sulfur content and heat content, and the calculated sulfur dioxide emission rate (in lbs/mmBtu). [The sulfur dioxide emission rate shall be calculated in accordance with the formula specified in OAC rule 3745-18-04(F).] A shipment may be comprised of multiple tank truck loads from the same supplier's batch and the quality of the oil for those loads may be represented by a single batch analysis from the supplier. Also, if necessary, the permittee shall maintain monthly records of the calculated sulfur dioxide emission rate based upon a volume-weighted average of the calculated sulfur dioxide emission rates for all shipments of oil during a calendar month.

The permittee shall collect or require the oil supplier to collect a representative grab sample for each shipment of oil that is received for burning in this emissions unit. The permittee shall perform or require the supplier to perform the analyses for sulfur content and heat content in accordance with 40 CFR Part 60, Appendix A, Method 19, or the appropriate ASTM methods (such as, ASTM methods D240, D4294, D6010), or equivalent methods as approved by the Director.
- 2. For each day during which the permittee burns a fuel other than natural gas and/or number 6 fuel oil, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

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IV. Reporting Requirements

- 1. The permittee shall notify the NWDO in writing of any record which shows a deviation of the allowable sulfur dioxide limitation specified in Section A.1. The notification shall include a copy of such record and shall be sent to the NWDO within 45 days after the deviation occurs.
- 2. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than number 6 fuel oil and/or natural gas was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.

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V. Testing Requirements

1. Compliance Methods Requirements: Compliance with the emission limitation(s) in section A.I. of the terms and conditions of this permit shall be determined in accordance with the following method(s):

- a. Emission Limitations:
 - 0.020 lb PE/mmBtu (for natural gas)
 - 0.147 lb PE/mmBtu (for number 6 fuel oil)
 - 0.147 lb PE/mmBtu (for number 6 fuel oil and natural gas)

Applicable Compliance Method:

When firing natural gas, the permittee shall demonstrate compliance based upon multiplying an emission factor of 1.9 lbs PE (filterable)/mm cu.ft. by the emissions unit's maximum hourly natural gas consumption rate (162,000 cu.ft./hr) and dividing by the emissions unit's maximum heat input capacity (162 mmBtu/hr). The emission factor of 1.9 lb PE (filterable)/mm.cu.ft is specified in USEPA reference document AP-42, Fifth Edition (revised 7/98), Section 1.4, Table 1.4-2.

When firing number 6 fuel oil or a combination of number 6 fuel oil and natural gas, the permittee shall demonstrate compliance based upon multiplying an emission factor of 10 lbs PE (filterable)/1,000 gallons of oil by the emissions unit's maximum hourly number 6 oil consumption rate (1080 gallons/hr) and dividing by the emissions unit's maximum heat input capacity (162 mmBtu/hr). The emission factor of 10 lbs PE (filterable)/1,000 gallons of oil is specified in USEPA reference document AP-42, Fifth Edition (revised 9/98).

If required, the permittee shall demonstrate compliance with the above particulate emissions limitation in accordance with the procedures and methods specified in OAC rule 3745-17-03(B)(9).

- b. Emission Limitation:
 - 20 percent opacity, as a six-minute average, except as otherwise provided by rule

Applicable Compliance Method:
OAC rule 3745-17-03(B)(1).

- c. Emission Limitation: 1.6 pounds sulfur dioxide/mmBtu of actual heat input

Applicable Compliance Method:

When firing fuel oil, except as provided below, compliance with the allowable sulfur dioxide emission limitation shall be demonstrated by documenting that the sulfur content of each shipment of oil received or each daily sample collected during a calendar month meets the limitation.

If the sulfur content of each shipment of oil received during a calendar month does not comply with the allowable emission limitation on an "as-received" basis or if the sulfur content of each daily sample collected during a calendar month does not comply with the allowable emission limitation on an "as-burned" basis, compliance with the allowable sulfur dioxide emission limitation shall be based upon a volume-weighted average of the calculated sulfur dioxide emission rates for all of the shipments or daily samples of oil during the calendar month.

When firing natural gas, compliance with this limitation will be assumed due to the negligible percent sulfur, by weight, in the fuel.

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VI. **Miscellaneous Requirements**

- 1. None

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Facility ID: 0372030070 Emissions Unit ID: B005 Issuance type: Title V Draft Permit

B. State Enforceable Section

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

- 1. None.

I. **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> |
|----|---|--------------------------------------|--|
| 2. | Additional Terms and Conditions | | |
| 1. | None | | |

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II. **Operational Restrictions**

1. None

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

1. None

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IV. **Reporting Requirements**

1. None

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V. **Testing Requirements**

1. None

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0372030070 Emissions Unit ID: B006 Issuance type: Title V Draft Permit

A. State and Federally Enforceable Section

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

1. None.

I. **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>
132 mmBtu/hr natural gas/#6 oil-fired boiler; #6 boiler	OAC rule 3745-17-10(C)(1)	when burning #6 oil or a combination of #6 oil and natural gas:
		0.147 pound particulate emissions (PE)/mmBtu of actual heat input
	OAC rule 3745-17-10(B)(1)	when burning only natural gas:
		0.020 lb (PE)/mmBtu of actual heat input
	OAC rule 3745-17-07(A)	20 percent opacity, as a six-minute average, except as

OAC rule 3745-18-06(D)

provided by rule

1.6 pounds sulfur dioxide/mmBtu of actual heat input

2. **Additional Terms and Conditions**

- (a) None

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1. The quality of oil burned in this emissions unit shall meet, on an as-received basis, a sulfur content which is sufficient to comply with the allowable sulfur dioxide emission limitation of 1.6 lbs of sulfur dioxide/mmBtu of actual heat input.
2. The permittee shall burn only natural gas and/or number 6 fuel oil in this emissions unit.

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1. For each shipment of oil received for burning in this emissions unit, the permittee shall maintain records of the total quantity of oil received, the permittee's or oil supplier's analyses for sulfur content and heat content, and the calculated sulfur dioxide emission rate (in lbs/mmBtu). [The sulfur dioxide emission rate shall be calculated in accordance with the formula specified in OAC rule 3745-18-04(F).] A shipment may be comprised of multiple tank truck loads from the same supplier's batch and the quality of the oil for those loads may be represented by a single batch analysis from the supplier. Also, if necessary, the permittee shall maintain monthly records of the calculated sulfur dioxide emission rate based upon a volume-weighted average of the calculated sulfur dioxide emission rates for all shipments of oil during a calendar month.

The permittee shall collect or require the oil supplier to collect a representative grab sample for each shipment of oil that is received for burning in this emissions unit. The permittee shall perform or require the supplier to perform the analyses for sulfur content and heat content in accordance with 40 CFR Part 60, Appendix A, Method 19, or the appropriate ASTM methods (such as, ASTM methods D240, D4294, D6010), or equivalent methods as approved by the Director.

2. For each day during which the permittee burns a fuel other than natural gas and/or number 6 fuel oil, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

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1. The permittee shall notify the NWDO in writing of any record which shows a deviation of the allowable sulfur dioxide limitation specified in Section A.1. The notification shall include a copy of such record and shall be sent to the NWDO within 45 days after the deviation occurs.
2. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than number 6 fuel oil and/or natural gas was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.

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1. Compliance Methods Requirements: Compliance with the emission limitation(s) in section A.I. of the terms and conditions of this permit shall be determined in accordance with the following method(s):
 - a. Emission Limitations:
 - 0.020 lb PE/mmBtu (for natural gas)
 - 0.147 lb PE/mmBtu (for number 6 fuel oil)
 - 0.147 lb PE/mmBtu (for number 6 fuel oil and natural gas)

Applicable Compliance Method:

When firing natural gas, the permittee shall demonstrate compliance based upon multiplying an emission factor of 1.9 lbs PE (filterable)/mm cu.ft. by the emissions unit's maximum hourly natural gas consumption rate (132,000 cu.ft./hr) and dividing by the emissions unit's maximum heat input capacity (132 mmBtu/hr). The emission factor of 1.9 lb PE (filterable)/mm.cu.ft is specified in USEPA reference document AP-42, Fifth Edition (revised 7/98), Section 1.4, Table 1.4-2.

When firing number 6 fuel oil or a combination of number 6 fuel oil and natural gas, the permittee shall demonstrate compliance based upon multiplying an emission factor of 10 lbs PE (filterable)/1,000 gallons of oil by the emissions unit's maximum hourly number 6 oil consumption rate (880 gallons/hr) and dividing by the emissions unit's maximum heat input capacity (132 mmBtu/hr). The emission factor of 10 lbs PE (filterable)/1,000 gallons of oil is specified in USEPA reference document AP-42, Fifth Edition (revised 9/98).

If required, the permittee shall demonstrate compliance with the above particulate emissions limitation in accordance with the procedures and methods specified in OAC rule 3745-17-03(B)(9).

- b. Emission Limitation:
20 percent opacity, as a six-minute average, except as otherwise provided by rule

Applicable Compliance Method:
OAC rule 3745-17-03(B)(1).

- c. Emission Limitation: 1.6 pounds sulfur dioxide/mmBtu of actual heat input

Applicable Compliance Method:
When firing fuel oil, except as provided below, compliance with the allowable sulfur dioxide emission limitation shall be demonstrated by documenting that the sulfur content of each shipment of oil received or each daily sample collected during a calendar month meets the limitation.

If the sulfur content of each shipment of oil received during a calendar month does not comply with the allowable emission limitation on an "as-received" basis or if the sulfur content of each daily sample collected during a calendar month does not comply with the allowable emission limitation on an "as-burned" basis, compliance with the allowable sulfur dioxide emission limitation shall be based upon a volume-weighted average of the calculated sulfur dioxide emission rates for all of the shipments or daily samples of oil during the calendar month.

When firing natural gas, compliance with this limitation will be assumed due to the negligible percent sulfur, by weight, in the fuel.

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VI. **Miscellaneous Requirements**

- 1. None

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Facility ID: 0372030070 Emissions Unit ID: B006 Issuance type: Title V Draft Permit

B. State Enforceable Section

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

- 1. None.

I. **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>
132 mmBtu/hr natural gas/#6 oil-fired boiler; #6 boiler	OAC rule 3745-31-05 PTI # 03-359	None

2. **Additional Terms and Conditions**

- 1. None

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II. **Operational Restrictions**

- 1. None

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

- 1. None

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IV. **Reporting Requirements**

1. None

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V. **Testing Requirements**

1. None

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0372030070 Emissions Unit ID: P003 Issuance type: Title V Draft Permit

A. State and Federally Enforceable Section

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

1. None.

I. 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>
vinegar production by fermentation-generator	OAC rule 3745-21-07(G)	none (see A.I.2.a.)
2. Additional Terms and Conditions		
a. This facility is located in Sandusky County which is not a "Priority I" county as indicated in paragraph (A) of OAC rule 3745-21-06, and not a "new source", as defined in OAC rule 3745-31-01 (N)(N). Therefore, pursuant to OAC rule 3745-21-07(A), it is exempt from the requirements of OAC rule 3745-21-07(G).		

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II. **Operational Restrictions**

1. None

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

1. None

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IV. **Reporting Requirements**

1. None

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V. **Testing Requirements**

1. None

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0372030070 Emissions Unit ID: P003 Issuance type: Title V Draft Permit

B. State Enforceable Section

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

1. None.

I. **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>
2. Additional Terms and Conditions			
1.	None		

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II. **Operational Restrictions**

1. None

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

1. None

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IV. **Reporting Requirements**

1. None

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V. **Testing Requirements**

1. None

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VI. **Miscellaneous Requirements**

- 1. None

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Part III - Terms and Conditions for Emissions Units

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Facility ID: 0372030070 Emissions Unit ID: P007 Issuance type: Title V Draft Permit

A. State and Federally Enforceable Section

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

- 1. None.

I. 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>
vinegar production by fermentation-generator	OAC rule 3745-21-07(G)	none (see A.I.2.a.)
2. Additional Terms and Conditions		
<ul style="list-style-type: none"> a. This facility is located in Sandusky County which is not a "Priority I" county as indicated in paragraph (A) of OAC rule 3745-21-06, and not a "new source", as defined in OAC rule 3745-31-01 (N)(N). Therefore, pursuant to OAC rule 3745-21-07(A), it is exempt from the requirements of OAC rule 3745-21-07(G). 		

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II. Operational Restrictions

- 1. None

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III. Monitoring and/or Record Keeping Requirements

- 1. None

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IV. Reporting Requirements

- 1. None

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V. Testing Requirements

- 1. None

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VI. Miscellaneous Requirements

- 1. None

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Facility ID: 0372030070 Emissions Unit ID: P007 Issuance type: Title V Draft Permit

B. State Enforceable Section

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

- 1. None.

I. 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>
2. Additional Terms and Conditions		
1. None		

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II. Operational Restrictions

- 1. None

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III. Monitoring and/or Record Keeping Requirements

- 1. None

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IV. Reporting Requirements

- 1. None

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V. Testing Requirements

- 1. None

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VI. Miscellaneous Requirements

- 1. None

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Part III - Terms and Conditions for Emissions Units

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Facility ID: 0372030070 Emissions Unit ID: P008 Issuance type: Title V Draft Permit

A. State and Federally Enforceable Section

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

- 1. None.

I. 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>
vinegar production by fermentation-generator	OAC rule 3745-21-07(G)	none (see A.I.2.a.)

2. Additional Terms and Conditions

- a. This facility is located in Sandusky County which is not a "Priority I" county as indicated in paragraph (A) of OAC rule 3745-21-06, and not a "new source", as defined in OAC rule 3745-31-01 (N)(N). Therefore, pursuant to OAC rule 3745-21-07(A), it is exempt from the requirements of OAC rule 3745-21-07(G).

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II. Operational Restrictions

1. None

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III. Monitoring and/or Record Keeping Requirements

1. None

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IV. Reporting Requirements

1. None

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V. Testing Requirements

1. None

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VI. Miscellaneous Requirements

1. None

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Facility ID: 0372030070 Emissions Unit ID: P008 Issuance type: Title V Draft Permit

B. State Enforceable Section

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

1. None.

I. 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.

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>
2. Additional Terms and Conditions			
1.	None		

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II. **Operational Restrictions**

- 1. None

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

- 1. None

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IV. **Reporting Requirements**

- 1. None

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V. **Testing Requirements**

- 1. None

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VI. **Miscellaneous Requirements**

- 1. None

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Part III - Terms and Conditions for Emissions Units

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Facility ID: 0372030070 Emissions Unit ID: P009 Issuance type: Title V Draft Permit

A. State and Federally Enforceable Section

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

- 1. None.

I. **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>
1.	vinegar production by fermentation-generator	OAC rule 3745-21-07(G)	none (see A.I.2.a.)
2. Additional Terms and Conditions			

- a. This facility is located in Sandusky County which is not a "Priority I" county as indicated in paragraph (A) of OAC rule 3745-21-06, and not a "new source", as defined in OAC rule 3745-31-01 (N)(N). Therefore, pursuant to OAC rule 3745-21-07(A), it is exempt from the requirements of OAC rule 3745-21-07(G).

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II. Operational Restrictions

1. None

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III. Monitoring and/or Record Keeping Requirements

1. None

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IV. Reporting Requirements

1. None

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V. Testing Requirements

1. None

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VI. Miscellaneous Requirements

1. None

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Facility ID: 0372030070 Emissions Unit ID: P009 Issuance type: Title V Draft Permit

B. State Enforceable Section

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

1. None.

I. 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>
2. Additional Terms and Conditions			
1.	None		

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II. Operational Restrictions

1. None

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III. Monitoring and/or Record Keeping Requirements

- 1. None

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IV. Reporting Requirements

- 1. None

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V. Testing Requirements

- 1. None

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VI. Miscellaneous Requirements

- 1. None

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Part III - Terms and Conditions for Emissions Units

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Facility ID: 0372030070 Emissions Unit ID: P010 Issuance type: Title V Draft Permit

A. State and Federally Enforceable Section

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

- 1. None.

I. 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>
vinegar production by fermentation-generator	OAC rule 3745-21-07(G)	none (see A.II.1)

2. Additional Terms and Conditions

- (a) None

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II. Operational Restrictions

- 1. The permittee shall not employ any material in this emissions unit that is a photochemically reactive material. "Photochemically reactive material" is defined in OAC rule 3745-21-01(C)(5).

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III. Monitoring and/or Record Keeping Requirements

- 1. The permittee shall maintain the following information each day for this emissions unit:
 - a. the company identification for each material employed in this emissions unit;
 - b. documentation on whether or not each material employed is a photochemically reactive material.

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IV. **Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which identify each day during which a photochemically reactive material was employed in this emissions unit. The report shall be submitted within 45 days after the deviation occurs.

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V. **Testing Requirements**

1. None

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0372030070 Emissions Unit ID: P010 Issuance type: Title V Draft Permit

B. State Enforceable Section

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

1. None.

I. **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>
vinegar production by fermentation-generator	OAC rule 3745-31-05	see B.VI.1.

2. **Additional Terms and Conditions**

1. None

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II. **Operational Restrictions**

1. None

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

1. None

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IV. **Reporting Requirements**

1. None

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V. **Testing Requirements**

1. None

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VI. Miscellaneous Requirements

1. The permittee installed this emissions unit after 1974 without first applying for and obtaining a permit to install (PTI), in violation of OAC rule 3745-31-02. Therefore, the permittee shall perform the following to bring this emissions unit into compliance:
 - a. submit a complete application for a PTI for this emissions unit within two months following the issuance of this permit; and
 - b. obtain a PTI for this emissions unit within eight months following the issuance of this permit.

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Part III - Terms and Conditions for Emissions Units

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Facility ID: 0372030070 Emissions Unit ID: P011 Issuance type: Title V Draft Permit

A. State and Federally Enforceable Section

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

1. None.

I. 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>
vinegar production by fermentation-generator	OAC rule 3745-21-07(G)	none (see A.II.1)

2. Additional Terms and Conditions

- (a) None

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

II. Operational Restrictions

1. The permittee shall not employ any material in this emissions unit that is a photochemically reactive material. "Photochemically reactive material" is defined in OAC rule 3745-21-01(C)(5).

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

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain the following information each day for this emissions unit:
 - a. the company identification for material employed in this emissions unit;
 - b. documentation on whether or not each material employed is a photochemically reactive material.

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

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which identify each day during which a photochemically reactive material was employed in this emissions unit. The report shall be submitted within 45 days after the deviation occurs.

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V. **Testing Requirements**

1. None

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0372030070 Emissions Unit ID: P011 Issuance type: Title V Draft Permit

B. State Enforceable Section

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

1. None.

I. **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>
vinegar production by fermentation-generator	OAC rule 3745-31-05	see B.VI.1.

2. **Additional Terms and Conditions**

1. None

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II. **Operational Restrictions**

1. None

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

1. None

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

IV. **Reporting Requirements**

1. None

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V. **Testing Requirements**

1. None

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VI. **Miscellaneous Requirements**

1. The permittee installed this emissions unit after 1974 without first applying for and obtaining a permit to install (PTI), in violation of OAC rule 3745-31-02. Therefore, the permittee shall perform the following to bring this emissions unit into compliance:
 - a. submit a complete application for a PTI for this emissions unit within two months following the issuance of this permit; and
 - b. obtain a PTI for this emissions unit within eight months following the issuance of this permit.

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Facility ID: 0372030070 Emissions Unit ID: P012 Issuance type: Title V Draft Permit

A. State and Federally Enforceable Section

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

1. None.

I. 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>
vinegar production by fermentation- acetator	OAC rule 3745-21-07(G)	none (see A.II.1)
2. Additional Terms and Conditions		
(a) None		

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II. Operational Restrictions

1. The permittee shall not employ any material in this emissions unit that is a photochemically reactive material. "Photochemically reactive material" is defined in OAC rule 3745-21-01(C)(5).

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III. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain the following information each day for this emissions unit:
 - a. the company identification for material employed in this emissions unit;
 - b. documentation on whether or not each material employed is a photochemically reactive material.

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IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which identify each day during which a photochemically reactive material was employed in this emissions unit. The report shall be submitted within 45 days after the deviation occurs.

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V. Testing Requirements

1. None

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0372030070 Emissions Unit ID: P012 Issuance type: Title V Draft Permit

B. State Enforceable Section

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

1. None.

I. **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>
vinegar production by fermentation- acetator	OAC rule 3745-31-05	see B.VI.1.
2. Additional Terms and Conditions		
<ol style="list-style-type: none"> 1. None 		

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II. **Operational Restrictions**

1. None

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

1. None

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IV. **Reporting Requirements**

1. None

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V. **Testing Requirements**

1. None

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VI. **Miscellaneous Requirements**

1. The permittee installed this emissions unit after 1974 without first applying for and obtaining a permit to install (PTI), in violation of OAC rule 3745-31-02. Therefore, the permittee shall perform the following to bring this emissions unit into compliance:
 - a. submit a complete application for a PTI for this emissions unit within two months following the issuance of this permit; and
 - b. obtain a PTI for this emissions unit within eight months following the issuance of this permit.

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Facility ID: 0372030070 Emissions Unit ID: P013 Issuance type: Title V Draft Permit

A. State and Federally Enforceable Section

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

1. None.

I. 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>
vinegar production by fermentation- acetator	OAC rule 3745-21-07(G)	none (see A.II.1)
2. Additional Terms and Conditions		
(a) None		

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II. Operational Restrictions

1. The permittee shall not employ any material in this emissions unit that is a photochemically reactive material. "Photochemically reactive material" is defined in OAC rule 3745-21-01(C)(5).

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III. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain the following information each day for this emissions unit:
 - a. the company identification for material employed in this emissions unit;
 - b. documentation on whether or not each material employed is a photochemically reactive material.

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IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which identify each day during which a photochemically reactive material was employed in this emissions unit. The report shall be submitted within 45 days after the deviation occurs.

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V. Testing Requirements

1. None

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VI. Miscellaneous Requirements

1. None

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Facility ID: 0372030070 Emissions Unit ID: P013 Issuance type: Title V Draft Permit

B. State Enforceable Section

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

1. None.

I. 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>
vinegar production by fermentation- acetator	OAC rule 3745-31-05	see B.VI.1.
2. Additional Terms and Conditions		
1. None		

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II. Operational Restrictions

1. None

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III. Monitoring and/or Record Keeping Requirements

1. None

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IV. Reporting Requirements

1. None

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V. Testing Requirements

1. None

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VI. Miscellaneous Requirements

1. The permittee installed this emissions unit after 1974 without first applying for and obtaining a permit to install (PTI), in violation of OAC rule 3745-31-02. Therefore, the permittee shall perform the following to bring this emissions unit into compliance:
 - a. submit a complete application for a PTI for this emissions unit within two months following the issuance of this permit; and
 - b. obtain a PTI for this emissions unit within eight months following the issuance of this permit.

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Facility ID: 0372030070 Emissions Unit ID: P014 Issuance type: Title V Draft Permit

A. State and Federally Enforceable Section

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

1. None.

I. 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>
vinegar production by fermentation- acetator	OAC rule 3745-21-07(G)	none (see A.II.1)
2. Additional Terms and Conditions		
(a) None		

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II. Operational Restrictions

1. The permittee shall not employ any material in this emissions unit that is a photochemically reactive material. "Photochemically reactive material" is defined in OAC rule 3745-21-01(C)(5).

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III. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain the following information each day for this emissions unit:
 - a. the company identification for material employed in this emissions unit;
 - b. documentation on whether or not each material employed is a photochemically reactive material.

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IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which identify each day during which a photochemically reactive material was employed in this emissions unit. The report shall be submitted within 45 days after the deviation occurs.

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V. Testing Requirements

1. None

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VI. Miscellaneous Requirements

1. None

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Facility ID: 0372030070 Emissions Unit ID: P014 Issuance type: Title V Draft Permit

B. State Enforceable Section

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

- 1. None.

I. 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>
vinegar production by fermentation- acetator	OAC rule 3745-31-05	see B.VI.1.

2. Additional Terms and Conditions

- 1. None

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II. Operational Restrictions

- 1. None

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III. Monitoring and/or Record Keeping Requirements

- 1. None

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IV. Reporting Requirements

- 1. None

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V. Testing Requirements

- 1. None

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VI. Miscellaneous Requirements

- 1. The permittee installed this emissions unit after 1974 without first applying for and obtaining a permit to install (PTI), in violation of OAC rule 3745-31-02. Therefore, the permittee shall perform the following to bring this emissions unit into compliance:
 - a. submit a complete application for a PTI for this emissions unit within two months following the issuance of this permit; and
 - b. obtain a PTI for this emissions unit within eight months following the issuance of this permit.

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Facility ID: 0372030070 Emissions Unit ID: P015 Issuance type: Title V Draft Permit

A. State and Federally Enforceable Section

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

- 1. None.

I. 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>
vinegar production by fermentation- acetator	OAC rule 3745-21-07(G)	none (see A.II.1)
2. Additional Terms and Conditions		
(a) None		

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

II. Operational Restrictions

- 1. The permittee shall not employ any material in this emissions unit that is a photochemically reactive material. "Photochemically reactive material" is defined in OAC rule 3745-21-01(C)(5).

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

III. Monitoring and/or Record Keeping Requirements

- 1. The permittee shall maintain the following information each day for this emissions unit:
 - a. the company identification for material employed in this emissions unit;
 - b. documentation on whether or not each material employed is a photochemically reactive material.

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IV. Reporting Requirements

- 1. The permittee shall submit deviation (excursion) reports which identify each day during which a photochemically reactive material was employed in this emissions unit. The report shall be submitted within 45 days after the deviation occurs.

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V. Testing Requirements

- 1. None

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VI. Miscellaneous Requirements

- 1. None

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Facility ID: 0372030070 Emissions Unit ID: P015 Issuance type: Title V Draft Permit

B. State Enforceable Section

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

- 1. None.

I. **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>
vinegar production by fermentation- acetator	OAC rule 3745-31-05	see B.VI.1.

2. **Additional Terms and Conditions**

1. None

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II. **Operational Restrictions**

1. None

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

1. None

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IV. **Reporting Requirements**

1. None

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V. **Testing Requirements**

1. None

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VI. **Miscellaneous Requirements**

1. The permittee installed this emissions unit after 1974 without first applying for and obtaining a permit to install (PTI), in violation of OAC rule 3745-31-02. Therefore, the permittee shall perform the following to bring this emissions unit into compliance:
- submit a complete application for a PTI for this emissions unit within two months following the issuance of this permit; and
 - obtain a PTI for this emissions unit within eight months following the issuance of this permit.