Facility ID: 0812790035 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.

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

Facility ID: 0812790035 Issuance type: Title V Draft Permit

Part II - Specific Facility Terms and Conditions

a **State and Federally Enforceable Section**

1. This facility is subject to the applicable requirements specified in OAC Chapter 3745-25. In accordance with Ohio EPA Engineering Guide #64, the emission control action programs, as specified in OAC rule 3745-25-03, shall be developed and submitted within 60 days after receiving notification from the Ohio EPA.

2. All asbestos renovation and demolition activities conducted at this facility shall be performed in accordance with the applicable requirements specified in 40 CFR Part 61 and OAC Chapter 3745-20.

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

Facility ID: 0812790035 Issuance type: Title V Draft Permit

b **State Only Enforceable Section**

1. The following insignificant emissions units located at this facility are exempt from permit requirements because they are not subject to any applicable requirements (as defined in OAC rule 3745-77-01(H) or because they meet the "de minimis" criteria established in OAC rule 3745-15-05:

   Z001- Tank A
   Z002- Tank B
   Z006- A-diesel Internal combustion engine
   Z007- B-diesel Internal combustion engine
   Z008- Used Oil Tank
   Z009- A- lube oil reservoir
   Z010- B- lube oil reservoir

Go to Part III for Emissions Unit B005
Go to Part III for Emissions Unit B006

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

Facility ID: 0812790035 Issuance type: Title V Draft Permit

Part III - Terms and Conditions for Emissions Units

Go to the top of this document

Facility ID: 0812790035 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.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
Westinghouse distillate (number 1 and 2 fuel, excluding number 4 fuel oil) oil/natural gas-fired combustion turbine, having a nominal capacity of 445.7 mmBtu/hr (CT-A)	OAC rule 3745-17-07(A)	Visible particulate emissions (PE) shall not exceed 20% opacity as a 6-minute average, except as provided by rule.
	OAC rule 3745-17-11(B)(4)	Particulate emissions (PE) shall not exceed .040 lb/mmBtu of actual heat input.
	OAC rule 3745-18-18(C)(2)	Sulfur dioxide (SO2) emissions shall not exceed 1.0 lb/mmBtu of actual heat input.

2. **Additional Terms and Conditions**

(b) This emissions unit is not currently subject to the requirements specified in 40 CFR Part 60, Subpart GG - Standards of Performance for Stationary Gas Turbines.

Go to the top of this document
Go to the top of Part III for this Emissions Unit
THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION.

II. **Operational Restrictions**

1. The quality of the oil burned in this emissions unit shall meet a sulfur content that is sufficient to comply with the allowable sulfur dioxide emission limitation specified in Section A.I above, in accordance with the procedures specified in Sections A.III.1, A.III.2, and A.V.1.c.

[Authority for Term: OAC rule 3745-77-07(A)(1)]

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

[Authority for Term: OAC rule 3745-77-07(A)(1)]

Go to the top of this document
Go to the top of Part III for this Emissions Unit
THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION.

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, or may be represented by single or multiple pipeline deliveries from the same supplier's batch, and the quality of the oil for those loads or pipeline deliveries may be represented by a single batch analysis from the supplier.

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 D129, D240, and D4294), or equivalent methods as approved by the Director.

[Authority for Term: OAC rule 3745-77-07(C)(1)]

2. The permittee shall maintain records of the oil burned in this emissions unit in accordance with either Alternative 1 or Alternative 2 described below.

a. Alternative 1:

For each shipment of oil received for burning in this emissions unit, the permittee shall collect or require the oil supplier to collect a representative grab sample of oil and 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.
b. Alternative 2:

The permittee shall collect a representative grab sample of oil that is burned in this emissions unit for each day when the emissions unit is in operation. If additional distillate oil is added to the tank serving this emissions unit on a day when the emissions unit is in operation, the permittee shall collect a sufficient number of grab samples to develop a composite sample representative of the distillate oil burned in this emissions unit. A representative grab sample of oil does not need to be collected on days when this emissions unit is only operated for the purpose of "test-firing." The permittee shall maintain records of the total quantity of oil burned each day, except for the purpose of test-firing, the permittee's analyses for sulfur content and heat content, and the calculated sulfur dioxide emission rate (in lbs/mmBtu).

[Authority for Term: OAC rule 3745-77-07(C)(1)]

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

[Authority for Term: OAC rule 3745-77-07(C)(1)]

Go to the top of this document
Go to the top of Part III for this Emissions Unit
THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION.

IV. **Reporting Requirements**

1. The permittee shall notify the Regional Air Pollution Control Agency in writing of any record which shows a deviation of the allowable sulfur dioxide emission limitation based upon the volume-weighted average of the calculated sulfur dioxide emission rates from Section A.III above. The notification shall include a copy of such record and shall be sent to the Regional Air Pollution Control Agency within 45 days after the deviation occurs.

[Authority for Term: OAC rule 3745-77-07(C)(1)]

2. The permittee shall submit deviation (excursion) reports that identify all days when a fuel other than natural gas and/or distillate oil was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.

[Authority for Term: OAC rule 3745-77-07(C)(1)]

Go to the top of this document
Go to the top of Part III for this Emissions Unit
THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION.

V. **Testing Requirements**

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

a. Emission Limitation -
Visible PE shall not exceed 20% opacity as a 6-minute average, except as provided by rule.

Applicable Compliance Method -
Compliance shall be determined through visible emissions observations performed in accordance with OAC rule 3745-17-03(B)(1).

[Authority for Term: OAC rule 3745-77-07(C)(1)]

b. Emission Limitation -
PE shall not exceed .040 lb/mmBtu of actual heat input.

Applicable Compliance Method -
When firing fuel oil, compliance may be based upon an emission factor of 0.038 lb/mmBtu. When firing natural gas, compliance shall be based upon an emission factor of 0.019 lb/mmBtu. These emission factors are specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 3.1, Table 3.1-1 (revised 10/96). If required, the permittee shall demonstrate compliance with PE limitation above in accordance with the methods and procedures specified in OAC rule 3745-17-03(B)(10).

[Authority for Term: OAC rule 3745-77-07(C)(1)]

c. Emission Limitation -
SO2 emissions shall not exceed 1.0 lb/mmBtu of actual heat input.

Applicable Compliance Method -
When firing fuel oil, except as provided below, compliance with the SO2 emission limitation shall be demonstrated based upon the record keeping requirements established in section A.III of this permit and

the applicable equation in OAC rule 3745-18-04(F).

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

[Authority for Term: OAC rule 3745-77-07(C)(1)]

Go to the top of this document
Go to the top of Part III for this Emissions Unit
THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION.

VI. **Miscellaneous Requirements**

1. None

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

Facility ID: 0812790035 Issuance type: Title V Draft Permit

Go to the top of this document

Facility ID: 0812790035 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.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures

2. **Additional Terms and Conditions**

1. None

Go to the top of this document
Go to the top of Part III for this Emissions Unit
THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION.

II. **Operational Restrictions**

1. None

Go to the top of this document
Go to the top of Part III for this Emissions Unit
THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION.

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

1. None

Go to the top of this document
Go to the top of Part III for this Emissions Unit
THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION.

IV. **Reporting Requirements**

1. None

Go to the top of this document
Go to the top of Part III for this Emissions Unit
THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION.

V. **Testing Requirements**

1. None

Go to the top of this document
Go to the top of Part III for this Emissions Unit
THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION.

VI. **Miscellaneous Requirements**

1. None

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

Facility ID: 0812790035 Issuance type: Title V Draft Permit

Part III - Terms and Conditions for Emissions Units

Go to the top of this document

Facility ID: 0812790035 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.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
Westinghouse distillate (number 1 and 2 fuel, excluding number 4 fuel oil) oil/natural gas-fired combustion turbine, having a nominal capacity of 445.7 mmBtu/hr (CT-A)	OAC rule 3745-17-07(A)	Visible particulate emissions (PE) shall not exceed 20% opacity as a 6-minute average, except as provided by rule.
	OAC rule 3745-17-11(B)(4)	Particulate emissions (PE) shall not exceed .040 lb/mmBtu of actual heat input.
	OAC rule 3745-18-18(C)(2)	Sulfur dioxide (SO2) emissions shall not exceed 1.0 lb/mmBtu of actual heat input.

2. **Additional Terms and Conditions**

(b) This emissions unit is not currently subject to the requirements specified in 40 CFR Part 60, Subpart GG - Standards of Performance for Stationary Gas Turbines.

Go to the top of this document
Go to the top of Part III for this Emissions Unit
THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION.

II. **Operational Restrictions**

1. The quality of the oil burned in this emissions unit shall meet a sulfur content that is sufficient to comply with the allowable sulfur dioxide emission limitation specified in Section A.I above, in accordance with the procedures specified in Sections A.III.1, A.III.2, and A.V.1.c.

[Authority for Term: OAC rule 3745-77-07(A)(1)]

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

[Authority for Term: OAC rule 3745-77-07(A)(1)]

Go to the top of this document
Go to the top of Part III for this Emissions Unit
THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION.

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, or may be represented by single or multiple pipeline deliveries from the same supplier's batch, and the quality of the oil for those loads or pipeline deliveries may be represented by a single batch analysis from the supplier.

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 D129, D240, and D4294), or equivalent methods as approved by the Director.

[Authority for Term: OAC rule 3745-77-07(C)(1)]

2. The permittee shall maintain records of the oil burned in this emissions unit in accordance with either Alternative 1 or Alternative 2 described below.

a. Alternative 1:

For each shipment of oil received for burning in this emissions unit, the permittee shall collect or require the oil supplier to collect a representative grab sample of oil and 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.
b. Alternative 2:

The permittee shall collect a representative grab sample of oil that is burned in this emissions unit for each day when the emissions unit is in operation. If additional distillate oil is added to the tank serving this emissions unit on a day when the emissions unit is in operation, the permittee shall collect a sufficient number of grab samples to develop a composite sample representative of the distillate oil burned in this emissions unit. A representative grab sample of oil does not need to be collected on days when this emissions unit is only operated for the purpose of "test-firing." The permittee shall maintain records of the total quantity of oil burned each day, except for the purpose of test-firing, the permittee's analyses for sulfur content and heat content, and the calculated sulfur dioxide emission rate (in lbs/mmBtu).

[Authority for Term: OAC rule 3745-77-07(C)(1)]

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

[Authority for Term: OAC rule 3745-77-07(C)(1)]

Go to the top of this document
Go to the top of Part III for this Emissions Unit
THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION.

IV. **Reporting Requirements**

1. The permittee shall notify the Regional Air Pollution Control Agency in writing of any record which shows a deviation of the allowable sulfur dioxide emission limitation based upon the volume-weighted average of the calculated sulfur dioxide emission rates from Section A.III above. The notification shall include a copy of such record and shall be sent to the Regional Air Pollution Control Agency within 45 days after the deviation occurs.

[Authority for Term: OAC rule 3745-77-07(C)(1)]

2. The permittee shall submit deviation (excursion) reports that identify all days when a fuel other than natural gas and/or distillate oil was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.

[Authority for Term: OAC rule 3745-77-07(C)(1)]

Go to the top of this document
Go to the top of Part III for this Emissions Unit
THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION.

V. **Testing Requirements**

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

a. Emission Limitation -
Visible PE shall not exceed 20% opacity as a 6-minute average, except as provided by rule.

Applicable Compliance Method -
Compliance shall be determined through visible emissions observations performed in accordance with OAC rule 3745-17-03(B)(1).

[Authority for Term: OAC rule 3745-77-07(C)(1)]

b. Emission Limitation -
PE shall not exceed .040 lb/mmBtu of actual heat input.

Applicable Compliance Method -
When firing fuel oil, compliance may be based upon an emission factor of 0.038 lb/mmBtu. When firing natural gas, compliance shall be based upon an emission factor of 0.019 lb/mmBtu. These emission factors are specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 3.1, Table 3.1-1 (revised 10/96). If required, the permittee shall demonstrate compliance with PE limitation above in accordance with the methods and procedures specified in OAC rule 3745-17-03(B)(10).

[Authority for Term: OAC rule 3745-77-07(C)(1)]

c. Emission Limitation -
SO2 emissions shall not exceed 1.0 lb/mmBtu of actual heat input.

Applicable Compliance Method -
When firing fuel oil, except as provided below, compliance with the SO2 emission limitation shall be demonstrated based upon the record keeping requirements established in section A.III of this permit and the applicable equation in OAC rule 3745-18-04(F).

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

[Authority for Term: OAC rule 3745-77-07(C)(1)]

Go to the top of this document
Go to the top of Part III for this Emissions Unit
THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION.

VI. **Miscellaneous Requirements**

1. None

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

Facility ID: 0812790035 Issuance type: Title V Draft Permit

Go to the top of this document

Facility ID: 0812790035 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.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures

2. **Additional Terms and Conditions**

1. None

Go to the top of this document
Go to the top of Part III for this Emissions Unit
THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION.

II. **Operational Restrictions**

1. None

Go to the top of this document
Go to the top of Part III for this Emissions Unit
THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION.

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

1. None

Go to the top of this document
Go to the top of Part III for this Emissions Unit
THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION.

IV. **Reporting Requirements**

1. None

Go to the top of this document
Go to the top of Part III for this Emissions Unit
THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION.

V. **Testing Requirements**

1. None

Go to the top of this document
Go to the top of Part III for this Emissions Unit
THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION.

VI. **Miscellaneous Requirements**

1. None