

Facility ID: 0448010413 Issuance type: Title V Proposed 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. The permittee may be subject to the National Emission Standards for Hazardous Air Pollutants (NESHAP) for Automobile and Light Duty Truck Surface Coating, 40 CFR Part 63, Subpart III. U.S. EPA failed to promulgate this standard by May 15, 2002, the Maximum Achievable Control Technology (MACT) hammer date. In accordance with 40 CFR Part 63, Subpart B (40 CFR Parts 63.50 through 63.56), the permittee shall submit an application to revise the permit to include equivalent emission limitations as a result of a case-by-case MACT determination. The application shall be submitted in two parts. The deadline to submit the Part I application, as specified in 40 CFR Part 63.53, was May 15, 2002.
2. If the final NESHAP standard is not promulgated by the deadline specified by U.S. EPA, the permittee shall submit the Part II application as specified in 40 CFR Part 63.53. The Part II application shall be submitted within 60 days after the deadline to promulgate the respective standard or by May 15, 2003, whichever is later. It must contain the following information, unless otherwise specified by future U.S. EPA regulations:
 - a. for a new affected source, the anticipated date of startup of operation;
 - b. the hazardous air pollutants (HAPs) emitted by each affected source in the relevant source category and an estimated total uncontrolled and controlled emission rate for HAPs from the affected source;
 - c. any existing federal, State, or local limitations or requirements applicable to the affected source;
 - d. for each affected emission point or group of affected emission points, an identification of control technology in place;
 - e. information relevant to establishing the MACT floor (or MACT emission limitation), and, at the option of the permittee, a recommended MACT floor; and
 - f. any other information reasonably needed by the permitting authority including, at the discretion of the permitting authority, information required pursuant to Subpart A of 40 CFR Part 63.The Part II application for a MACT determination may, but is not required to, contain the following information:
 - a. recommended emission limitations for the affected source and support information (the permittee may recommend a specific design, equipment, work practice, or operational standard, or combination thereof, as an emission limitation);
 - b. a description of the control technologies that would be applied to meet the emission limitation, including technical information on the design, operation, size, estimated control efficiency and any other information deemed appropriate by the permitting authority, and identification of the affected sources to which the control technologies must be applied; and
 - c. relevant parameters to be monitored and frequency of monitoring to demonstrate continuous compliance with the MACT emission limitation over the applicable reporting period.
3. If the NESHAP is promulgated before the Part II application is due for the relevant source category, the permittee may be subject to the rule as an existing major source with a compliance date as specified in the NESHAP. If subject, the permittee shall submit the following notifications:
 - a. Unless otherwise specified in the relevant Subpart, within 120 days after promulgation of a 40 CFR Part 63 Subpart to which the source is subject, the permittee shall submit an Initial Notification Report that contains the following information, in accordance with 40 CFR Part 63.9(b)(2):
 - i. the name and mailing address of the permittee;
 - ii. the physical location of the source if it is different from the mailing address;
 - iii. identification of the relevant MACT standard and the source's compliance date;
 - iv. a brief description of the nature, design, size, and method of operation of the source, and an identification of the types of emission points within the affected source subject to the relevant standard and the types of HAPs emitted; and
 - v. a statement confirming the facility is a major source for HAPs.
 - b. Unless otherwise specified in the relevant Subpart, within 60 days following completion of any required compliance demonstration activity specified in the relevant Subpart, the permittee shall submit a notification of compliance status that contains the following information:

- i. the methods used to determine compliance;
- ii. the results of any performance tests, visible emission observations, continuous monitoring systems performance evaluations, and/or other monitoring procedures or methods that were conducted;
- iii. the methods that will be used for determining continuous compliance, including a description of monitoring and reporting requirements and test methods;
- iv. the type and quantity of HAPs emitted by the source, reported in units and averaging times in accordance with the test methods specified in the relevant Subpart;
- v. an analysis demonstrating whether the affected source is a major source or an area source;
- vi. a description of the air pollution control equipment or method for each emission point, including each control device or method for each HAP and the control efficiency (percent) for each control device or method; and
- vii. a statement of whether or not the permittee has complied with the requirements of the relevant Subpart.

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b State Only Enforceable Section

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

F002 - ash handling equipment;
K029 - cleanshop Station 5
K030 - cleanshop Station 6
K043 - cleanshop Station 7
K044 - cleanshop Station 8
P023 - XJ MIG and spot welding;
P024 - YJ MIG and spot welding;
P025 - AN MIG and spot welding;
T008 - 20,000-gallon storing no. 2 fuel oil, Tank #8;
Z001 - storage tanks;
Z002 - laboratory;
Z003 - fluid fill operations;
Z004 - water wash systems;
Z005 - particulate generation;
Z006 - heaters;
Z007 - parts washers; and
Z008 - backup generators/engines.

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 permit to install for the emissions unit.

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- [Go to Part III for Emissions Unit B013](#)
- [Go to Part III for Emissions Unit B014](#)
- [Go to Part III for Emissions Unit B015](#)
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Part III - Terms and Conditions for Emissions Units

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Facility ID: 0448010413 Emissions Unit ID: B001 Issuance type: Title V Proposed 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>
Boiler #1: 69.8 mmBtu/hr natural gas and/or no. 2 fuel oil-fired boiler	OAC rule 3745-17-07(A)(1)	Visible particulate emissions from any stack shall not exceed 20% opacity as a 6-minute average, except as provided by the rule.
	OAC rule 3745-17-10(B)(1)	0.020 pound of particulate emissions per mmBtu of actual heat input
	OAC rule 3745-18-54(R)	1.5 pounds of sulfur dioxide (SO2) per mmBtu of actual heat input
	OAC rule 3745-31-05(A)(3) (PTI 04-247)	Operational restrictions were established in PTI 04-247, as issued on November 16, 1988.
		See A.II.3 below.
		The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-07(A)(1), OAC rule 3745-17-10(B)(1), OAC rule 3745-18-54 (R), and OAC rule 3745-31-05(D).
	OAC rule 3745-31-05(D) (PTI 04-247)	Netting and PSD emission limitations were established in PTI 04-247, as issued on November 16, 1988.
		See A.I.2.a below.
	OAC rule 3745-21-08(B)	See A.I.2.b below.
	OAC rule 3745-23-06(B)	See A.I.2.b below.

2. Additional Terms and Conditions

- a. The combined emissions from emissions units B001, B002, B013, B014, and B015 shall not exceed the following as a rolling, 12-month summation:
 - (a)
 - i. 56 tons of particulate emissions;
 - ii. 674.3 tons of SO2;
 - iii. 15.8 tons of non-methane volatile organic compounds (VOC);

- iv. 181.3 tons of carbon monoxide (CO); and
 - v. 391.8 tons of nitrogen oxides (NOx).
- b. The permittee has satisfied the "best available control techniques and operating practices" required pursuant to OAC rule 3745-21-08(B) by committing to comply with the best available technology requirements established pursuant to OAC rule 3745-31-05(A)(3) in Permit to Install 04-247.

On November 5, 2002, OAC rule 3745-21-08 was revised to delete paragraph (B); therefore, paragraph (B) is no longer part of the State regulations. However, that rule revision has not yet been submitted to the U.S. EPA as a revision to Ohio's State Implementation Plan (SIP). Therefore, until the SIP revision occurs and the U.S. EPA approves the revisions to OAC rule 3745-21-08, the requirement to satisfy the "best available control techniques and operating practices" still exists as part of the federally-approved SIP for Ohio.

The permittee has satisfied the "latest available control techniques and operating practices" required pursuant to OAC rule 3745-23-06(B) by committing to comply with the best available technology requirements established pursuant to OAC rule 3745-31-05(A)(3) in Permit to Install 04-247.

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II. Operational Restrictions

1. The permittee shall burn only natural gas and/or no. 2 fuel oil as fuel in this emissions unit. No prior notice is required for the permittee to change the operating fuel between natural gas and fuel oil.
2. The quality of the oil burned in this emissions unit shall meet the following specifications on an "as received" basis: a sulfur content which is sufficient to comply with the allowable SO₂ emission limitation of 1.5 pounds of SO₂ per mmBtu of actual heat input.
3. The quantity of fuel burned in emissions units B001, B002, B013, B014, and B015, combined, shall not exceed the following as a rolling, 12-month summation:
 - a. 44,777 tons of coal;
 - b. 19.26 million gallons of no. 2 fuel oil; and
 - c. 5,600 million cubic feet of natural gas.

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III. Monitoring and/or Record Keeping Requirements

1. For each day which the permittee burns a fuel other than natural gas and/or no. 2 fuel oil, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.
2. 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 oil supplier to perform the analyses for sulfur content and heat content in accordance with the following ASTM methods: ASTM method D4294 for sulfur content and ASTM method D240 for heat content. 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. Alternative, equivalent methods may be used upon written approval by the Toledo Division of Environmental Services.
3. For each shipment of oil received for burning in emissions units B001, B002, and B013, the permittee shall maintain records of the total quantity of oil received and the permittee's or oil supplier's analyses for sulfur content and heat content and the calculated SO₂ emission rate (lb/mmBtu).
4. The permittee shall maintain monthly records of the total quantity of natural gas and no. 2 fuel oil burned in this emissions units.
5. The permittee shall maintain monthly records of the total quantity of natural gas, no. 2 fuel oil, and coal burned in emissions units B001, B002, B013, B014, and B015, combined, and the rolling, 12-month summations for natural gas, no. 2 fuel oil, and coal burned in emissions units B001, B002, B013, B014, and B015, combined.
6. The permittee shall maintain monthly records of the total particulate, SO₂, non-methane VOC, CO, and NO_x emissions from this emissions unit, in tons.
7. The permittee shall maintain monthly records of the total particulate, SO₂, non-methane VOC, CO, and NO_x emissions from emissions units B001, B002, B013, B014, and B015, combined, and as a rolling, 12-month summation from emissions units B001, B002, B013, B014, and B015, combined, in tons.

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IV. Reporting Requirements

1. The permittee shall submit a certified statement, on a quarterly basis, including copies of the permittee's or oil supplier's analyses for each shipment of oil which is received for burning in emissions units B001, B002, and B013. The permittee's or oil supplier's analyses shall document the sulfur content (%) and heat content

(Btu/gallon) for each shipment of oil. The following information shall also be included with the copies of the permittee's or oil supplier's analyses:

- a. the calendar period covered in the report;
- b. the calculated SO₂ emission rate (lb/mmBtu) for each shipment of no. 2 fuel oil received during the reporting period; and
- c. reasons for any noncompliance with the emissions standards and a description of the corrective actions taken.

If no oil was combusted in the subject quarter, the permittee shall submit a statement documenting that no oil was combusted in lieu of the certified statement above.

2. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than natural gas and/or no. 2 fuel oil was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.
3. The permittee shall submit quarterly deviation (excursion) reports that include an identification of each month of the calendar quarter during which the particulate, SO₂, non-methane VOC, CO, and/or NO_x emissions, as rolling, 12-month summations, exceeded the emission limitations specified in section A.I.2.a for emissions units B001, B002, B013, B014, and B015, combined, and the actual particulate, SO₂, non-methane VOC, CO, and NO_x emissions for each such month.
4. The permittee shall submit quarterly deviation (excursion) reports that include an identification of each month of the calendar quarter during which the quantity of fuel burned in emissions units B001, B002, B013, B014, and B015, combined, as rolling, 12-month summations, exceeded the operational restrictions specified in section A.II.3, and the actual quantity of fuel burned for each such month.
5. The deviation reports shall be submitted in accordance with the requirements specified in Part I - General Term and Condition A.1.c.

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V. Testing Requirements

1. Compliance with the emission limitations in sections A.I.1 and A.I.2 of these terms and conditions shall be determined in accordance with the following methods:

- a. Emission Limitation:

Visible particulate emissions from any stack shall not exceed 20% opacity as a 6-minute average, except as provided by the rule.

Applicable Compliance Method:

If required, compliance shall be demonstrated based upon visible particulate emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9 and the procedures specified in OAC rule 3745-17-03(B)(1).

- b. Emission Limitation:

0.020 pound of particulate emissions per mmBtu of actual heat input

Applicable Compliance Method:

Compliance may be demonstrated based upon calculations employing emission factors for natural gas and no. 2 fuel oil as specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.4, Table 1.4-2, dated 7/98 and Section 1.3, Table 1.3-1, dated 9/98, respectively, as follows:

- i. when firing natural gas, compliance may be based upon an emission factor of 1.9 pounds of particulate emissions per million standard cubic feet and a heating value of 1020 Btu per standard cubic foot; and

- ii. when firing fuel oil, compliance may be based upon an emission factor of 2 pounds of particulate emissions per 1000 gallons and a heating value of 140 mmBtu per 1000 gallons.

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with the methods and procedures specified in OAC rule 3745-17-03(B)(9). Alternate, USEPA-approved methods may be used upon approval by the Toledo Division of Environmental Services.

- c. Emission Limitation:

1.5 pounds of SO₂ per mmBtu of actual heat input

Applicable Compliance Method:

When firing natural gas, compliance may be demonstrated based upon an emission factor of 0.6 pound of SO₂ per million standard cubic feet of natural gas, specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors; Section 1.4, Table 1.4-2, dated 7/98.

When firing no. 2 fuel oil, compliance may be demonstrated based upon the monitoring and record

keeping requirements of sections A.III.2 and A.III.3 and the calculation specified in OAC rule 3745-18-04(F)(2).

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with the methods and procedures specified in Methods 1 through 4 and 6 of 40 CFR Part 60, Appendix A. Alternate, USEPA-approved methods may be used upon approval by the Toledo Division of Environmental Services.

d. Emission Limitation:

The combined emissions from emissions units B001, B002, B013, B014, and B015 shall not exceed 56 tons of particulate emissions as a rolling, 12-month summation.

Applicable Compliance Method:

Compliance shall be demonstrated based upon the monitoring and record keeping requirements specified in section A.III; and

i. for natural gas, an emission factor of 1.9 pounds of particulate emissions per million standard cubic feet and a heating value of 1020 Btu per standard cubic foot from AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.4, Table 1.4-2, dated 7/98;

ii. for fuel oil, an emission factor of 2 pounds of particulate emissions per 1000 gallons and a heating value of 140 million Btu per 1000 gallons from AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.3, Table 1.3-1, dated 9/98; and

iii. for coal, emission factors based on the most recent emission tests that demonstrated the units were in compliance (for B014 - 0.00194 pound of particulate emissions per mmBtu and 13,735 Btu per pound of coal based on emission testing performed on January 28, 1998; and for B015 - 0.00235 pound of particulate emissions per mmBtu and 14,098 Btu per pound of coal based on emission testing performed on February 5, 1998).

e. Emission Limitation:

The combined emissions from emissions units B001, B002, B013, B014, and B015 shall not exceed 674.3 tons of SO₂ as a rolling, 12-month summation.

Applicable Compliance Method:

Compliance shall be demonstrated based upon the monitoring and record keeping requirements of section A.III and OAC rule 3745-18-04(F); or

i. for natural gas, an emission factor of 0.6 pound of SO₂ per million standard cubic feet and a heating value of 1020 Btu per standard cubic foot;

ii. for fuel oil, an emission factor of 143S pounds of SO₂ per 1000 gallons; and

iii. for coal, an emission factor of 35S pounds of SO₂ per ton, where S indicates that the weight percent sulfur in the fuel should be multiplied by the value given.

These emission factors are specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.4, Table 1.4-2 for natural gas, dated 7/98, Section 1.3, Table 1.3-1 for no. 2 fuel oil, dated 9/98 and Section 1.1, Table 1.1-3 for coal, dated 9/98.

The permittee shall utilize the highest value for S based on the records in section A.III.

f. Emission Limitation:

The combined emissions from emissions units B001, B002, B013, B014, and B015 shall not exceed 15.8 tons of non-methane VOC as a rolling, 12-month summation.

Applicable Compliance Method:

Compliance shall be demonstrated based upon the monitoring and record keeping requirements of section A.III; and

i. for natural gas, an emission factor of 5.5 pounds of non-methane VOC per million standard cubic feet and a heating value of 1020 Btu per standard cubic foot;

ii. for fuel oil, an emission factor of 0.2 pound of non-methane VOC per 1000 gallons; and

iii. for coal, an emission factor of 0.05 pound of non-methane VOC per ton.

These emission factors are specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.4, Table 1.4-2 for natural gas, dated 7/98, Section 1.3, Table 1.3-3 for no. 2 fuel oil, dated 9/98, and Section 1.1, Table 1.1-19 for coal, dated 9/98.

g. Emission Limitation:

The combined emissions from emissions units B001, B002, B013, B014, and B015 shall not exceed 181.3 tons of CO as a rolling, 12-month summation.

Applicable Compliance Method:

Compliance shall be demonstrated based upon the monitoring and record keeping requirements of section A.III; and

i. for natural gas, an emission factor of 84 pounds of CO per million standard cubic feet and a heating value of 1020 Btu per standard cubic foot from AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.4, Table 1.4-1, dated 2/98;

ii. for fuel oil, an emission factor of 5 pounds of CO per 1000 gallons and a heating value of 140 million Btu per 1000 gallons from AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.3, Table 1.3-1, dated 9/98; and

iii. for coal, emission factors based on the most recent emission tests which demonstrated the units were in compliance (for B014 - 0.13 pound of CO per mmBtu and 13,735 Btu per pound of coal based on emission testing performed on January 28, 1998; and for B015 - 0.27 pound of CO per mmBtu and 14,098 Btu per pound of coal based on emission testing performed on February 5, 1998).

h. Emission Limitation:

The combined emissions from emissions units B001, B002, B013, B014, and B015 shall not exceed 391.8 tons of NOx as a rolling, 12-month summation.

Applicable Compliance Method:

Compliance shall be demonstrated based upon the monitoring and record keeping requirements of section A.III; and

i. for natural gas, an emission factor of 100 pounds of NOx per million standard cubic feet and a heating value of 1020 Btu per standard cubic foot from AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.4, Table 1.4-1, dated 2/98;

ii. for fuel oil, an emission factor of 20 pounds of NOx per 1000 gallons from AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.3, Table 1.3-1, dated 9/98; and

iii. for coal, emission factors based on the most recent emission tests which demonstrated the units were in compliance (for B014 - 0.60 pound of NOx per mmBtu and 13,735 Btu per pound of coal based on emission testing performed on January 28, 1998; and for B015 - 0.49 pound of NOx per mmBtu and 14,098 Btu per pound of coal based on emission testing performed on February 5, 1998).

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0448010413 Emissions Unit ID: B001 Issuance type: Title V Proposed 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>
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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: 0448010413 Emissions Unit ID: B002 Issuance type: Title V Proposed 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>
Boiler #2: 69.8 mmBtu/hr natural gas and/or no. 2 fuel oil-fired boiler	OAC rule 3745-17-07(A)(1)	Visible particulate emissions from any stack shall not exceed 20% opacity as a 6-minute average, except as provided by the rule.
	OAC rule 3745-17-10(B)(1)	0.020 pound of particulate emissions per mmBtu of actual heat input
	OAC rule 3745-18-54(R)	1.5 pounds of sulfur dioxide (SO2) per mmBtu of actual heat input
	OAC rule 3745-31-05(A)(3) (PTI 04-247)	Operational restrictions were established in PTI 04-247, as issued on November 16, 1988.

See A.II.3 below.

The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-07(A)(1), OAC rule 3745-17-10(B)(1), OAC rule 3745-18-54 (R), and OAC rule 3745-31-05(D).

OAC rule 3745-31-05(D)
(PTI 04-247)

Netting and PSD emission limitations were established in PTI 04-247, as issued on November 16, 1988.

See A.I.2.a below.

OAC rule 3745-21-08(B)

See A.I.2.b below.

OAC rule 3745-23-06(B)

See A.I.2.b below.

2. Additional Terms and Conditions

- a. The combined emissions from emissions units B001, B002, B013, B014, and B015 shall not exceed the following as a rolling, 12-month summation:

(a)

- i. 56 tons of particulate emissions;
- ii. 674.3 tons of SO₂;
- iii. 15.8 tons of non-methane volatile organic compounds (VOC);
- iv. 181.3 tons of carbon monoxide (CO); and
- v. 391.8 tons of nitrogen oxides (NO_x).

- b. The permittee has satisfied the "best available control techniques and operating practices" required pursuant to OAC rule 3745-21-08(B) by committing to comply with the best available technology requirements established pursuant to OAC rule 3745-31-05(A)(3) in Permit to Install 04-247.

On November 5, 2002, OAC rule 3745-21-08 was revised to delete paragraph (B); therefore, paragraph (B) is no longer part of the State regulations. However, that rule revision has not yet been submitted to the U.S. EPA as a revision to Ohio's State Implementation Plan (SIP). Therefore, until the SIP revision occurs and the U.S. EPA approves the revisions to OAC rule 3745-21-08, the requirement to satisfy the "best available control techniques and operating practices" still exists as part of the federally-approved SIP for Ohio.

The permittee has satisfied the "latest available control techniques and operating practices" required pursuant to OAC rule 3745-23-06(B) by committing to comply with the best available technology requirements established pursuant to OAC rule 3745-31-05(A)(3) in Permit to Install 04-247.

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II. Operational Restrictions

1. The permittee shall burn only natural gas and/or no. 2 fuel oil as fuel in this emissions unit. No prior notice is required for the permittee to change the operating fuel between natural gas and fuel oil.
2. The quality of the oil burned in this emissions unit shall meet the following specifications on an "as received" basis: a sulfur content which is sufficient to comply with the allowable SO₂ emission limitation of 1.5 pounds of SO₂ per mmBtu of actual heat input.
3. The quantity of fuel burned in emissions units B001, B002, B013, B014, and B015, combined, shall not exceed the following as a rolling, 12-month summation:
 - a. 44,777 tons of coal;
 - b. 19.26 million gallons of no. 2 fuel oil; and
 - c. 5,600 million cubic feet of natural gas.

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III. Monitoring and/or Record Keeping Requirements

1. For each day which the permittee burns a fuel other than natural gas and/or no. 2 fuel oil, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.
2. 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 oil supplier to perform the analyses for sulfur content and heat content in accordance with the following ASTM methods: ASTM method D4294 for sulfur content and ASTM method D240 for heat content. 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. Alternative, equivalent methods may be used upon written approval by the Toledo Division of Environmental Services.
3. For each shipment of oil received for burning in emissions units B001, B002, and B013, the permittee shall maintain records of the total quantity of oil received and the permittee's or oil supplier's analyses for sulfur content and heat content and the calculated SO₂ emission rate (lb/mmBtu).
4. The permittee shall maintain monthly records of the total quantity of natural gas and no. 2 fuel oil burned in this emissions units.
5. The permittee shall maintain monthly records of the total quantity of natural gas, no. 2 fuel oil, and coal burned in emissions units B001, B002, B013, B014, and B015, combined, and the rolling, 12-month summations for natural gas, no. 2 fuel oil, and coal burned in emissions units B001, B002, B013, B014, and B015.

combined.

6. The permittee shall maintain monthly records of the total particulate, SO₂, non-methane VOC, CO, and NO_x emissions from this emissions unit, in tons.
7. The permittee shall maintain monthly records of the total particulate, SO₂, non-methane VOC, CO, and NO_x emissions from emissions units B001, B002, B013, B014, and B015, combined, and as a rolling, 12-month summation from emissions units B001, B002, B013, B014, and B015, combined, in tons.

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IV. Reporting Requirements

1. The permittee shall submit a certified statement, on a quarterly basis, including copies of the permittee's or oil supplier's analyses for each shipment of oil which is received for burning in emissions units B001, B002, and B013. The permittee's or oil supplier's analyses shall document the sulfur content (%) and heat content (Btu/gallon) for each shipment of oil. The following information shall also be included with the copies of the permittee's or oil supplier's analyses:
 - a. the calendar period covered in the report;
 - b. the calculated SO₂ emission rate (lb/mmBtu) for each shipment of no. 2 fuel oil received during the reporting period; and
 - c. reasons for any noncompliance with the emissions standards and a description of the corrective actions taken.

If no oil was combusted in the subject quarter, the permittee shall submit a statement documenting that no oil was combusted in lieu of the certified statement above.
2. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than natural gas and/or no. 2 fuel oil was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.
3. The permittee shall submit quarterly deviation (excursion) reports that include an identification of each month of the calendar quarter during which the particulate, SO₂, non-methane VOC, CO, and/or NO_x emissions, as rolling, 12-month summations, exceeded the emission limitations specified in section A.I.2.a for emissions units B001, B002, B013, B014, and B015, combined, and the actual particulate, SO₂, non-methane VOC, CO, and NO_x emissions for each such month.
4. The permittee shall submit quarterly deviation (excursion) reports that include an identification of each month of the calendar quarter during which the quantity of fuel burned in emissions units B001, B002, B013, B014, and B015, combined, as rolling, 12-month summations, exceeded the operational restrictions specified in section A.II.3, and the actual quantity of fuel burned for each such month.
5. The deviation reports shall be submitted in accordance with the requirements specified in Part I - General Term and Condition A.1.c.

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V. Testing Requirements

1. Compliance with the emission limitations in sections A.I.1 and A.I.2 of these terms and conditions shall be determined in accordance with the following methods:
 - a. Emission Limitation:

Visible particulate emissions from any stack shall not exceed 20% opacity as a 6-minute average, except as provided by the rule.

Applicable Compliance Method:

If required, compliance shall be demonstrated based upon visible particulate emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9 and the procedures specified in OAC rule 3745-17-03(B)(1).
 - b. Emission Limitation:

0.020 pound of particulate emissions per mmBtu of actual heat input

Applicable Compliance Method:

Compliance may be demonstrated based upon calculations employing emission factors for natural gas and no. 2 fuel oil as specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.4, Table 1.4-2, dated 7/98 and Section 1.3, Table 1.3-1, dated 9/98, respectively, as follows:

 - i. when firing natural gas, compliance may be based upon an emission factor of 1.9 pounds of particulate emissions per million standard cubic feet and a heating value of 1020 Btu per standard cubic foot; and
 - ii. when firing fuel oil, compliance may be based upon an emission factor of 2 pounds of particulate emissions per 1000 gallons and a heating value of 140 mmBtu per 1000 gallons.

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with the methods and procedures specified in OAC rule 3745-17-03(B)(9). Alternate, USEPA-approved methods may be used upon approval by the Toledo Division of Environmental Services.

c. Emission Limitation:

1.5 pounds of SO₂ per mmBtu of actual heat input

Applicable Compliance Method:

When firing natural gas, compliance may be demonstrated based upon an emission factor of 0.6 pound of SO₂ per million standard cubic feet of natural gas, specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors; Section 1.4, Table 1.4-2, dated 7/98.

When firing no. 2 fuel oil, compliance may be demonstrated based upon the monitoring and record keeping requirements of sections A.III.2 and A.III.3 and the calculation specified in OAC rule 3745-18-04 (F)(2).

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with the methods and procedures specified in Methods 1 through 4 and 6 of 40 CFR Part 60, Appendix A. Alternate, USEPA-approved methods may be used upon approval by the Toledo Division of Environmental Services.

d. Emission Limitation:

The combined emissions from emissions units B001, B002, B013, B014, and B015 shall not exceed 56 tons of particulate emissions as a rolling, 12-month summation.

Applicable Compliance Method:

Compliance shall be demonstrated based upon the monitoring and record keeping requirements specified in section A.III; and

i. for natural gas, an emission factor of 1.9 pounds of particulate emissions per million standard cubic feet and a heating value of 1020 Btu per standard cubic foot from AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.4, Table 1.4-2, dated 7/98;

ii. for fuel oil, an emission factor of 2 pounds of particulate emissions per 1000 gallons and a heating value of 140 million Btu per 1000 gallons from AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.3, Table 1.3-1, dated 9/98; and

iii. for coal, emission factors based on the most recent emission tests that demonstrated the units were in compliance (for B014 - 0.00194 pound of particulate emissions per mmBtu and 13,735 Btu per pound of coal based on emission testing performed on January 28, 1998; and for B015 - 0.00235 pound of particulate emissions per mmBtu and 14,098 Btu per pound of coal based on emission testing performed on February 5, 1998).

e. Emission Limitation:

The combined emissions from emissions units B001, B002, B013, B014, and B015 shall not exceed 674.3 tons of SO₂ as a rolling, 12-month summation.

Applicable Compliance Method:

Compliance shall be demonstrated based upon the monitoring and record keeping requirements of section A.III and OAC rule 3745-18-04(F); or

i. for natural gas, an emission factor of 0.6 pound of SO₂ per million standard cubic feet and a heating value of 1020 Btu per standard cubic foot;

ii. for fuel oil, an emission factor of 143S pounds of SO₂ per 1000 gallons; and

iii. for coal, an emission factor of 35S pounds of SO₂ per ton, where S indicates that the weight percent sulfur in the fuel should be multiplied by the value given.

These emission factors are specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.4, Table 1.4-2 for natural gas, dated 7/98, Section 1.3, Table 1.3-1 for no. 2 fuel oil, dated 9/98 and Section 1.1, Table 1.1-3 for coal, dated 9/98.

The permittee shall utilize the highest value for S based on the records in section A.III.

f. Emission Limitation:

The combined emissions from emissions units B001, B002, B013, B014, and B015 shall not exceed 15.8 tons of non-methane VOC as a rolling, 12-month summation.

Applicable Compliance Method:

Compliance shall be demonstrated based upon the monitoring and record keeping requirements of section A.III; and

- i. for natural gas, an emission factor of 5.5 pounds of non-methane VOC per million standard cubic feet and a heating value of 1020 Btu per standard cubic foot;
- ii. for fuel oil, an emission factor of 0.2 pound of non-methane VOC per 1000 gallons; and
- iii. for coal, an emission factor of 0.05 pound of non-methane VOC per ton.

These emission factors are specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.4, Table 1.4-2 for natural gas, dated 7/98, Section 1.3, Table 1.3-3 for no. 2 fuel oil, dated 9/98, and Section 1.1, Table 1.1-19 for coal, dated 9/98.

g. Emission Limitation:

The combined emissions from emissions units B001, B002, B013, B014, and B015 shall not exceed 181.3 tons of CO as a rolling, 12-month summation.

Applicable Compliance Method:

Compliance shall be demonstrated based upon the monitoring and record keeping requirements of section A.III; and

i. for natural gas, an emission factor of 84 pounds of CO per million standard cubic feet and a heating value of 1020 Btu per standard cubic foot from AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.4, Table 1.4-1, dated 2/98;

ii. for fuel oil, an emission factor of 5 pounds of CO per 1000 gallons and a heating value of 140 million Btu per 1000 gallons from AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.3, Table 1.3-1, dated 9/98; and

iii. for coal, emission factors based on the most recent emission tests which demonstrated the units were in compliance (for B014 - 0.13 pound of CO per mmBtu and 13,735 Btu per pound of coal based on emission testing performed on January 28, 1998; and for B015 - 0.27 pound of CO per mmBtu and 14,098 Btu per pound of coal based on emission testing performed on February 5, 1998).

h. Emission Limitation:

The combined emissions from emissions units B001, B002, B013, B014, and B015 shall not exceed 391.8 tons of NOx as a rolling, 12-month summation.

Applicable Compliance Method:

Compliance shall be demonstrated based upon the monitoring and record keeping requirements of section A.III; and

i. for natural gas, an emission factor of 100 pounds of NOx per million standard cubic feet and a heating value of 1020 Btu per standard cubic foot from AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.4, Table 1.4-1, dated 2/98;

ii. for fuel oil, an emission factor of 20 pounds of NOx per 1000 gallons from AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.3, Table 1.3-1, dated 9/98; and

iii. for coal, emission factors based on the most recent emission tests which demonstrated the units were in compliance (for B014 - 0.60 pound of NOx per mmBtu and 13,735 Btu per pound of coal based on emission testing performed on January 28, 1998; and for B015 - 0.49 pound of NOx per mmBtu and 14,098 Btu per pound of coal based on emission testing performed on February 5, 1998).

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VI. Miscellaneous Requirements

- 1. None

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Facility ID: 0448010413 Emissions Unit ID: B002 Issuance type: Title V Proposed 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>
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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: 0448010413 Emissions Unit ID: B013 Issuance type: Title V Proposed 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>
Boiler #11: 82.2 mmBtu/hr natural gas	OAC rule 3745-17-07(A)(1)	See A.I.2.a below.

and/or no. 2 fuel oil-fired boiler

OAC rule 3745-17-10(B)(1)	0.020 pound of particulate emissions per mmBtu of actual heat input
OAC rule 3745-18-06(A)	See A.I.2.b below.
OAC rule 3745-18-06(D)	See A.I.2.a below.
OAC rule 3745-21-08(B)	See A.I.2.c below.
OAC rule 3745-23-06(B)	See A.I.2.c below.
OAC rule 3745-31-05(A)(3) (PTI 04-247)	Visible particulate emissions from any stack shall not exceed 0% opacity as a 6-minute average.
	0.52 pound of sulfur dioxide (SO ₂) per mmBtu of actual heat input when burning no. 2 fuel oil
	0.6 pound of SO ₂ per million standard cubic feet when burning natural gas
	0.145 pound of nitrogen oxides (NO _x) per mmBtu of actual heat input
	Operational restrictions were established in PTI 04-247, as issued November 16, 1988.
OAC rule 3745-31-05(D) (PTI 04-247)	See A.I.2.d and A.II.3 below. Netting and PSD limitations were established in PTI 04-247, as issued November 16, 1988.
	See A.I.2.e below.

2. Additional Terms and Conditions

- a. The emission limitation(s) required by this applicable rule is(are) less stringent than the emission limitations established pursuant to the best available technology requirement specified in OAC rule 3745-31-05(A)(3).
- b. This emissions unit is exempted from the emission limitation specified in OAC rule 3745-18-06(D) provided that the permittee complies with the emission limitation established pursuant to the best available technology requirement specified in OAC rule 3745-31-05(A)(3).
- c. The permittee has satisfied the "best available control techniques and operating practices" required pursuant to OAC rule 3745-21-08(B) by committing to comply with the best available technology requirements established pursuant to OAC rule 3745-31-05(A)(3) in Permit to Install 04-247.

On November 5, 2002, OAC rule 3745-21-08 was revised to delete paragraph (B); therefore, paragraph (B) is no longer part of the State regulations. However, that rule revision has not yet been submitted to the U.S. EPA as a revision to Ohio's State Implementation Plan (SIP). Therefore, until the SIP revision occurs and the U.S. EPA approves the revisions to OAC rule 3745-21-08, the requirement to satisfy the "best available control techniques and operating practices" still exists as part of the federally-approved SIP for Ohio.

The permittee has satisfied the "latest available control techniques and operating practices" required pursuant to OAC rule 3745-23-06(B) by committing to comply with the best available technology requirements established pursuant to OAC rule 3745-31-05(A)(3) in Permit to Install 04-247.
- d. The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-10(B) (1), OAC rule 3745-21-08(B), OAC rule 3745-23-06(B), and OAC rule 3745-31-05(D).
- e. The combined emissions from emissions units B001, B002, B013, B014, and B015 shall not exceed the following as a rolling, 12-month summation:
 - i. 56 tons of particulate emissions;
 - ii. 674.3 tons of SO₂;
 - iii. 15.8 tons of non-methane volatile organic compounds (VOC);
 - iv. 181.3 tons of carbon monoxide (CO); and
 - v. 391.8 tons of nitrogen oxides (NO_x).

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II. Operational Restrictions

- 1. The permittee shall burn only natural gas and/or no. 2 fuel oil as fuel in this emissions unit. No prior notice is required for the permittee to change the operating fuel between natural gas and fuel oil.
- 2. The quality of the oil burned in this emissions unit shall meet the following specifications on an "as received" basis: a sulfur content which is sufficient to comply with the allowable SO₂ emission limitation of 0.52 pound

of SO₂ per mmBtu of actual heat input.

3. The quantity of fuel burned in emissions units B001, B002, B013, B014, and B015, combined, shall not exceed the following as a rolling, 12-month summation:
 - a. 44,777 tons of coal;
 - b. 19.26 million gallons of no. 2 fuel oil; and
 - c. 5,600 million cubic feet of natural gas.

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III. Monitoring and/or Record Keeping Requirements

1. For each day which the permittee burns a fuel other than natural gas and/or no. 2 fuel oil, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.
2. 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 oil supplier to perform the analyses for sulfur content and heat content in accordance with the following ASTM methods: ASTM method D4294 for sulfur content and ASTM method D240 for heat content. 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. Alternative, equivalent methods may be used upon written approval by the Toledo Division of Environmental Services.
3. For each shipment of oil received for burning in emissions units B001, B002, and B013, the permittee shall maintain records of the total quantity of oil received and the permittee's or oil supplier's analyses for sulfur content and heat content and the calculated SO₂ emission rate (lb/mmBtu).
4. The permittee shall maintain monthly records of the total quantity of natural gas and no. 2 fuel oil burned in this emissions units.
5. The permittee shall maintain monthly records of the total quantity of natural gas, no. 2 fuel oil, and coal burned in emissions units B001, B002, B013, B014, and B015, combined, and the rolling, 12-month summations for natural gas, no. 2 fuel oil, and coal burned in emissions units B001, B002, B013, B014, and B015, combined.
6. The permittee shall maintain monthly records of the total particulate, SO₂, non-methane VOC, CO, and NO_x emissions from this emissions unit, in tons.
7. The permittee shall maintain monthly records of the total particulate, SO₂, non-methane VOC, CO, and NO_x emissions from emissions units B001, B002, B013, B014, and B015, combined, and as a rolling, 12-month summation from emissions units B001, B002, B013, B014, and B015, combined, in tons.

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IV. Reporting Requirements

1. The permittee shall submit a certified statement, on a quarterly basis, including copies of the permittee's or oil supplier's analyses for each shipment of oil which is received for burning in emissions units B001, B002, and B013. The permittee's or oil supplier's analyses shall document the sulfur content (%) and heat content (Btu/gallon) for each shipment of oil. The following information shall also be included with the copies of the permittee's or oil supplier's analyses:
 - a. the calendar period covered in the report;
 - b. the calculated SO₂ emission rate (lb/mmBtu) for each shipment of no. 2 fuel oil received during the reporting period; and
 - c. reasons for any noncompliance with the emissions standards and a description of the corrective actions taken.

If no oil was combusted in the subject quarter, the permittee shall submit a statement documenting that no oil was combusted in lieu of the certified statement above.
2. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than natural gas and/or no. 2 fuel oil was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.
3. The permittee shall submit quarterly deviation (excursion) reports that include an identification of each month of the calendar quarter during which the particulate, SO₂, non-methane VOC, CO, and/or NO_x emissions, as rolling, 12-month summations, exceeded the emission limitations specified in section A.I.2.a for emissions units B001, B002, B013, B014, and B015, combined, and the actual particulate, SO₂, non-methane VOC, CO, and NO_x emissions for each such month.
4. The permittee shall submit quarterly deviation (excursion) reports that include an identification of each month of the calendar quarter during which the quantity of fuel burned in emissions units B001, B002, B013, B014, and B015, combined, as rolling, 12-month summations, exceeded the operational restrictions specified in section A.II.3, and the actual quantity of fuel burned for each such month.
5. The deviation reports shall be submitted in accordance with the requirements specified in Part I - General Term and Condition A.1.c.

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V. **Testing Requirements**

1. Compliance with the emission limitations in sections A.I.1 and A.I.2 of these terms and conditions shall be determined in accordance with the following methods:
 - a. Emission Limitation:

Visible particulate emissions from any stack shall not exceed 0% opacity as a 6-minute average.

Applicable Compliance Method:

If required, compliance shall be demonstrated based upon visible particulate emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9.
 - b. Emission Limitation:

0.020 pound of particulate emissions per mmBtu of actual heat input

Applicable Compliance Method:

Compliance may be demonstrated based upon calculations employing emission factors for natural gas and no. 2 fuel oil as specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.4, Table 1.4-2, dated 7/98 and Section 1.3, Table 1.3-1, dated 9/98, respectively, as follows:
 - i. when firing natural gas, compliance may be based upon an emission factor of 1.9 pounds of particulate emissions per million standard cubic feet and a heating value of 1020 Btu per standard cubic foot; and
 - ii. when firing fuel oil, compliance may be based upon an emission factor of 2 pounds of particulate emissions per 1000 gallons and a heating value of 140 mmBtu per 1000 gallons.

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with the methods and procedures specified in OAC rule 3745-17-03(B)(9). Alternate, USEPA-approved methods may be used upon approval by the Toledo Division of Environmental Services.
- c. Emission Limitation:

0.145 pound of NOx per mmBtu of actual heat input

Applicable Compliance Method:

Compliance may be demonstrated based upon an emission factor developed during the most recent emission tests that demonstrated the emissions unit was in compliance (0.08 pound of NOx per mmBtu from emission testing performed on November 14, 1990). If required, the permittee shall demonstrate compliance with this emission limitation in accordance with the methods and procedures specified in Methods 1 through 4 and 7 of 40 CFR Part 60, Appendix A. Alternate, USEPA-approved methods may be used upon approval by the Toledo Division of Environmental Services.
- d. Emission Limitation:

0.52 pound of SO2 per mmBtu of actual heat input when burning no. 2 fuel oil

Applicable Compliance Method:

When firing no. 2 fuel oil, compliance may be demonstrated based upon OAC rule 3745-18-04(F)(2) and the monitoring and record keeping requirements of sections A.III.2 and A.III.3. If required, the permittee shall demonstrate compliance with this emission limitation in accordance with Methods 1 through 4 and 6 of 40 CFR Part 60, Appendix A. Alternate, USEPA-approved methods may be used upon approval by the Toledo Division of Environmental Services.
- e. Emission Limitation:

0.6 pound of SO2 per million cubic feet of natural gas when burning natural gas

Applicable Compliance Method:

When firing natural gas, compliance may be demonstrated based upon an emission factor of 0.6 pound of SO2 per million standard cubic feet, specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.4, Table 1.4-2, dated 7/98 or the records required pursuant to section A.III.3.

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with Methods 1 through 4 and 6 of 40 CFR Part 60, Appendix A.

Alternate, USEPA-approved methods may be used upon approval by the Toledo Division of Environmental Services.

f. Emission Limitation:

The combined emissions from emissions units B001, B002, B013, B014, and B015 shall not exceed 56 tons of particulate emissions as a rolling, 12-month summation.

Applicable Compliance Method:

Compliance shall be demonstrated based upon the monitoring and record keeping requirements specified in section A.III; and

i. for natural gas, an emission factor of 1.9 pounds of particulate emissions per million standard cubic feet and a heating value of 1020 Btu per standard cubic foot from AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.4, Table 1.4-2, dated 7/98;

ii. for fuel oil, an emission factor of 2 pounds of particulate emissions per 1000 gallons and a heating value of 140 million Btu per 1000 gallons from AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.3, Table 1.3-1, dated 9/98; and

iii. for coal, emission factors based on the most recent emission tests that demonstrated the units were in compliance (for B014 - 0.00194 pound of particulate emissions per mmBtu and 13,735 Btu per pound of coal based on emission testing performed on January 28, 1998; and for B015 - 0.00235 pound of particulate emissions per mmBtu and 14,098 Btu per pound of coal based on emission testing performed on February 5, 1998).

g. Emission Limitation:

The combined emissions from emissions units B001, B002, B013, B014, and B015 shall not exceed 674.3 tons of SO₂ as a rolling, 12-month summation.

Applicable Compliance Method:

Compliance shall be demonstrated based upon the monitoring and record keeping requirements of section A.III and OAC rule 3745-18-04(F); or

i. for natural gas, an emission factor of 0.6 pound of SO₂ per million standard cubic feet and a heating value of 1020 Btu per standard cubic foot;

ii. for fuel oil, an emission factor of 143S pounds of SO₂ per 1000 gallons; and

iii. for coal, an emission factor of 35S pounds of SO₂ per ton, where S indicates that the weight percent sulfur in the fuel should be multiplied by the value given.

These emission factors are specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.4, Table 1.4-2 for natural gas, dated 7/98, Section 1.3, Table 1.3.1 for no. 2 fuel oil, dated 9/98 and Section 1.1, Table 1.1-3 for coal, dated 9/98.

The permittee shall utilize the highest value for S based on the records in section A.III.

h. Emission Limitation:

The combined emissions from emissions units B001, B002, B013, B014, and B015 shall not exceed 15.8 tons of non-methane VOC as a rolling, 12-month summation.

Applicable Compliance Method:

Compliance shall be demonstrated based upon the monitoring and record keeping requirements of section A.III; and

i. for natural gas, an emission factor of 5.5 pounds of non-methane VOC per million standard cubic feet and a heating value of 1020 Btu per standard cubic foot;

ii. for fuel oil, an emission factor of 0.2 pound of non-methane VOC per 1000 gallons; and

iii. for coal, an emission factor of 0.05 pound of non-methane VOC per ton.

These emission factors are specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.4, Table 1.4-2 for natural gas, dated 7/98, Section 1.3, Table 1.3-3 for no. 2 fuel oil, dated 9/98, and Section 1.1, Table 1.1-19 for coal, dated 9/98.

i. Emission Limitation:

The combined emissions from emissions units B001, B002, B013, B014, and B015 shall not exceed 181.3 tons of CO as a rolling, 12-month summation.

Applicable Compliance Method:

Compliance shall be demonstrated based upon the monitoring and record keeping requirements of section A.III; and

i. for natural gas, an emission factor of 84 pounds of CO per million standard cubic feet and a heating value of 1020 Btu per standard cubic foot from AP-42, Fifth Edition, Compilation of Air Pollution

Emission Factors, Section 1.4, Table 1.4-1, dated 2/98;

- ii. for fuel oil, an emission factor of 5 pounds of CO per 1000 gallons and a heating value of 140 million Btu per 1000 gallons from AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.3, Table 1.3-1, dated 9/98; and
- iii. for coal, emission factors based on the most recent emission tests that demonstrated the units were in compliance (for B014 - 0.13 pound of CO per mmBtu and 13,735 Btu per pound of coal based on emission testing performed on January 28, 1998; and for B015 - 0.27 pound of CO per mmBtu and 14,098 Btu per pound of coal based on emission testing performed on February 5, 1998).

j. Emission Limitation:

The combined emissions from emissions units B001, B002, B013, B014, and B015 shall not exceed 391.8 tons of NOx as a rolling, 12-month summation.

Applicable Compliance Method:

Compliance shall be demonstrated based upon the monitoring and record keeping requirements of section A.III; and

- i. for natural gas, an emission factor of 100 pounds of NOx per million standard cubic feet and a heating value of 1020 Btu per standard cubic foot from AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.4, Table 1.4-1, dated 2/98;
- ii. for fuel oil, an emission factor of 20 pounds of NOx per 1000 gallons from AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.3, Table 1.3-1, dated 9/98; and
- iii. for coal, emission factors based on the most recent emission tests that demonstrated the units were in compliance (for B014 - 0.60 pound of NOx per mmBtu and 13,735 Btu per pound of coal based on emission testing performed on January 28, 1998; and for B015 - 0.49 pound of NOx per mmBtu and 14,098 Btu per pound of coal based on emission testing performed on February 5, 1998).

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VI. Miscellaneous Requirements

- 1. None

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Facility ID: 0448010413 Emissions Unit ID: B013 Issuance type: Title V Proposed 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>
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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: 0448010413 Emissions Unit ID: B014 Issuance type: Title V Proposed 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>
Boiler #12: 84.0 mmBtu/hr coal-fired boiler, controlled with a fabric filter	OAC rule 3745-17-07(A)(1)	See A.I.2.a below.
	OAC rule 3745-17-10(C)(1)	See A.I.2.a below.
	OAC rule 3745-18-54(A)	See A.I.2.a below.
	OAC rule 3745-21-08(B)	See A.I.2.b below.
	OAC rule 3745-23-06(B)	See A.I.2.b below.
	OAC rule 3745-31-05(A)(3) (PTI 04-247)	Visible particulate emissions from any stack shall not exceed 5% opacity as a 6-minute average.
		0.06 pound of particulate emissions per mmBtu of actual heat input
		1.2 pounds of sulfur dioxide (SO ₂) per mmBtu of actual heat input
		0.7 pound of nitrogen oxides (NO _x) per mmBtu of actual heat input
		Operational restrictions were established in PTI 04-247 as issued November 16, 1988.
		See A.I.2.c and A.II.3 below.

OAC rule 3745-31-05(D)
(PTI 04-247)

Netting and PSD limitations were established in PTI
04-247 as issued November 16, 1988.

See A.I.2.d below.

2. Additional Terms and Conditions

- a. The emission limitation(s) required by this applicable rule is(are) less stringent than the emission limitations established pursuant to the best available technology requirement specified in OAC rule 3745-31-05(A)(3).
- b. The permittee has satisfied the "best available control techniques and operating practices" required pursuant to OAC rule 3745-21-08(B) by committing to comply with the best available technology requirements established pursuant to OAC rule 3745-31-05(A)(3) in Permit to Install 04-247.

On November 5, 2002, OAC rule 3745-21-08 was revised to delete paragraph (B); therefore, paragraph (B) is no longer part of the State regulations. However, that rule revision has not yet been submitted to the U.S. EPA as a revision to Ohio's State Implementation Plan (SIP). Therefore, until the SIP revision occurs and the U.S. EPA approves the revisions to OAC rule 3745-21-08, the requirement to satisfy the "best available control techniques and operating practices" still exists as part of the federally-approved SIP for Ohio.

The permittee has satisfied the "latest available control techniques and operating practices" required pursuant to OAC rule 3745-23-06(B) by committing to comply with the best available technology requirements established pursuant to OAC rule 3745-31-05(A)(3) in Permit to Install 04-247.

- c. The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-08(B), OAC rule 3745-23-06(B), and OAC rule 3745-31-05(D).
- d. The combined emissions from emissions units B001, B002, B013, B014, and B015 shall not exceed the following as a rolling, 12-month summation:
 - i. 56 tons of particulate emissions;
 - ii. 674.3 tons of SO₂;
 - iii. 15.8 tons of non-methane volatile organic compounds (VOC);
 - iv. 181.3 tons of carbon monoxide (CO); and
 - v. 391.8 tons of NO_x.

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II. Operational Restrictions

1. The pressure drop across the baghouse shall be maintained within the range of 2 to 6 inches of water while the emissions unit is in operation.
2. No prior notice is required for the permittee to operate other permitted boilers in conjunction with this emissions unit.
3. The quantity of fuel burned in emissions units B001, B002, B013, B014, and B015, combined, shall not exceed the following as a rolling, 12-month summation:
 - a. 44,777 tons of coal;
 - b. 19.26 million gallons of no. 2 fuel oil; and
 - c. 5,600 million cubic feet of natural gas.

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III. Monitoring and/or Record Keeping Requirements

1. The permittee shall properly operate and maintain equipment to monitor the pressure drop across the baghouse while the emissions unit is in operation. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across the baghouse on a daily basis.
2. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
 - a. the color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
 - d. the total duration of any visible emission incident; and
 - e. any corrective actions taken to eliminate the visible emissions.

3. The permittee shall collect a representative sample of each shipment of coal which is received for burning in emissions units B014 and B015. The coal sampling shall be performed in accordance with ASTM method D2234, Collection of a Gross Sample of Coal. At the end of each calendar month, the representative samples of coal from all shipments of coal which were received during that calendar month shall be combined into one composite sample.

Each monthly composite sample of coal shall be analyzed for ash content (%), sulfur content (%), and heat content (Btu/lb of coal). The analytical methods for ash content, sulfur content and heat content shall be: ASTM method D3174, Ash in the Analysis of Coal and Coke; ASTM method D3177, Total Sulfur in the Analysis Sample of Coal and Coke or ASTM method D4239, Sulfur in the Analysis Sample of Coal and Coke Using High Temperature Tube Furnace Combustion Methods; and ASTM method D5865, Gross Calorific Value of Coal and Coke, respectively. Alternative, equivalent methods may be used upon written approval from the appropriate Ohio EPA District Office or local air agency.
4. The permittee shall maintain monthly records of the total quantity of coal received for burning in emissions units B014 and B015, and the results of the analyses for ash content, sulfur content, heat content, and the calculated SO₂ emission rate (lb/mmBtu).
5. The permittee shall maintain monthly records of the total quantity of coal burned in this emissions units.
6. The permittee shall maintain monthly records of the total quantity of natural gas, no. 2 fuel oil, and coal burned in emissions units B001, B002, B013, B014, and B015, combined, and the rolling, 12-month summations for natural gas, no. 2 fuel oil, and coal burned in emissions units B001, B002, B013, B014, and B015, combined.
7. The permittee shall maintain monthly records of the total particulate, SO₂, non-methane VOC, CO, and NO_x emissions from this emissions unit, in tons.
8. The permittee shall maintain monthly records of the total particulate, SO₂, non-methane VOC, CO, and NO_x emissions from emissions units B001, B002, B013, B014, and B015, combined, and as a rolling, 12-month summation from emissions units B001, B002, B013, B014, and B015, combined, in tons.

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IV. Reporting Requirements

1. The permittee shall submit quarterly pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across the baghouse did not comply with the allowable range specified above.
2. The permittee shall submit semiannual written reports that (a) identify all days during which any visible particulate emissions were observed from the stack serving this emissions unit and (b) describe any corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) by January 31 and July 31 of each year and shall cover the previous 6-month period.
3. Quarterly reports shall be submitted concerning the quality and quantity of coal received for burning in emissions units B014 and B015. These reports shall include the following information for the emissions unit for each calendar month during the calendar quarter:
 - a. the total quantity of coal received (tons);
 - b. the average ash content (%) of the coal received;
 - c. the average sulfur content (%) of the coal received;
 - d. the average heat content (Btu/lb) of the coal received; and
 - e. the average SO₂ emission rate (pounds of SO₂ per mmBtu of actual heat input) from the coal received.
4. The permittee shall submit quarterly deviation (excursion) reports that include an identification of each month of the calendar quarter during which the particulate, SO₂, non-methane VOC, CO, and NO_x emissions, as rolling, 12-month summations, exceeded the emission limitations specified in section A.I.2.a for emissions units B001, B002, B013, B014, and B015, combined, and the actual particulate, SO₂, non-methane VOC, CO, and NO_x emissions for each such month.
5. The permittee shall submit quarterly deviation (excursion) reports that include an identification of each month of the calendar quarter during which the quantity of fuel burned in emissions units B001, B002, B013, B014, and B015, combined, as rolling, 12-month summations, exceeded the operational restrictions specified in section A.II.3, and the actual quantity of fuel burned for each such month.
6. The deviation reports shall be submitted in accordance with the requirements specified in Part I - General Term and Condition A.1.c.

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V. Testing Requirements

1. Compliance with the emission limitations in sections A.I.1 and A.I.2 of these terms and conditions shall be determined in accordance with the following methods:
 - a. Emission Limitation:

Visible particulate emissions from any stack shall not exceed 5% opacity as a 6-minute average.

Applicable Compliance Method:

If required, compliance shall be demonstrated based upon visible particulate emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9.

b. Emission Limitation:

0.06 pound of particulate emissions per mmBtu of actual heat input

Applicable Compliance Method:

Compliance may be demonstrated based upon an emission factor established during the most recent emission tests that demonstrated the emissions unit was in compliance (0.00235 pound of particulate emissions per mmBtu based on emission testing performed on February 5, 1998).

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with Methods 1 through 5 of 40 CFR Part 60, Appendix A.

Alternate, USEPA-approved methods may be used upon approval by the Toledo Division of Environmental Services.

c. Emission Limitation:

1.2 pounds of SO₂ per mmBtu of actual heat input

Applicable Compliance Method:

Compliance may be demonstrated based upon the monitoring and record keeping requirements specified in sections A.III.4 and A.III.5 and the calculation in OAC rule 3745-18-04(F)(1).

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with Methods 1 through 4 and 6 of 40 CFR Part 60, Appendix A.

Alternate, USEPA-approved methods may be used upon approval by the Toledo Division of Environmental Services.

d. Emission Limitation:

The combined emissions from emissions units B001, B002, B013, B014, and B015 shall not exceed 56 tons of particulate emissions as a rolling, 12-month summation.

Applicable Compliance Method:

Compliance shall be demonstrated based upon the monitoring and record keeping requirements specified in section A.III; and

i. for natural gas, an emission factor of 1.9 pounds of particulate emissions per million standard cubic feet and a heating value of 1020 Btu per standard cubic foot from AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1-4, Table 1.4-2, dated 7/98;

ii. for fuel oil, an emission factor of 2 pounds of particulate emissions per 1000 gallons and a heating value of 140 million Btu per 1000 gallons from AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.3, Table 1.3-1, dated 9/98; and

iii. for coal, emission factors based on the most recent emission tests that demonstrated the units were in compliance (for B014 - 0.00194 pound of particulate emissions per mmBtu and 13,735 Btu per pound of coal based on emission testing performed on January 28, 1998; and for B015 - 0.00235 pound of particulate emissions per mmBtu and 14,098 Btu per pound of coal based on emission testing performed on February 5, 1998).

e. Emission Limitation:

The combined emissions from emissions units B001, B002, B013, B014, and B015 shall not exceed 674.3 tons of SO₂ as a rolling, 12-month summation.

Applicable Compliance Method:

Compliance shall be demonstrated based upon the monitoring and record keeping requirements of section A.III and OAC rule 3745-18-04(F); or

i. for natural gas, an emission factor of 0.6 pound of SO₂ per million standard cubic feet and a heating value of 1020 Btu per standard cubic foot;

ii. for fuel oil, an emission factor of 143S pounds of SO₂ per 1000 gallons; and

iii. for coal, an emission factor of 35S pounds of SO₂ per ton, where S indicates that the weight percent sulfur in the fuel should be multiplied by the value given.

These emission factors are specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.4, Table 1.4-2 for natural gas, dated 7/98, Section 1.3, Table

1.3-1 for no. 2 fuel oil, dated 9/98 and Section 1.1, Table 1.1-3 for coal, dated 9/98.

The permittee shall utilize the highest value for S based on the records in section A.III.

f. Emission Limitation:

The combined emissions from emissions units B001, B002, B013, B014, and B015 shall not exceed 15.8 tons of non-methane VOC as a rolling, 12-month summation.

Applicable Compliance Method:

Compliance shall be demonstrated based upon the monitoring and record keeping requirements of section A.III; and

i. for natural gas, an emission factor of 5.5 pounds of non-methane VOC per million standard cubic feet and a heating value of 1020 Btu per standard cubic foot;

ii. for fuel oil, an emission factor of 0.2 pound of non-methane VOC per 1000 gallons; and

iii. for coal, an emission factor of 0.05 pound of non-methane VOC per ton.

These emission factors are specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.4, Table 1.4-2 for natural gas, dated 7/98, Section 1.3, Table 1.3-3 for no. 2 fuel oil, dated 9/98, and Section 1.1, Table 1.1-19 for coal, dated 9/98.

g. Emission Limitation:

The combined emissions from emissions units B001, B002, B013, B014, and B015 shall not exceed 181.3 tons of CO as a rolling, 12-month summation.

Applicable Compliance Method:

Compliance shall be demonstrated based upon the monitoring and record keeping requirements of section A.III; and

i. for natural gas, an emission factor of 84 pounds of CO per million standard cubic feet and a heating value of 1020 Btu per standard cubic foot from AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.4, Table 1.4-1, dated 2/98;

ii. for fuel oil, an emission factor of 5 pounds of CO per 1000 gallons and a heating value of 140 million Btu per 1000 gallons from AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.3, Table 1.3-1, dated 9/98; and

iii. for coal, emission factors based on the most recent emission tests that demonstrated the units were in compliance (for B014 - 0.13 pound of CO per mmBtu and 13,735 Btu per pound of coal based on emission testing performed on January 28, 1998; and for B015 - 0.27 pound of CO per mmBtu and 14,098 Btu per pound of coal based on emission testing performed on February 5, 1998).

h. Emission Limitation:

The combined emissions from emissions units B001, B002, B013, B014, and B015 shall not exceed 391.8 tons of NOx as a rolling, 12-month summation.

Applicable Compliance Method:

Compliance shall be demonstrated based upon the monitoring and record keeping requirements of section A.III; and

i. for natural gas, an emission factor of 100 pounds of NOx per million standard cubic feet and a heating value of 1020 Btu per standard cubic foot from AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.4, Table 1.4-1, dated 2/98;

ii. for fuel oil, an emission factor of 20 pounds of NOx per 1000 gallons from AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.3, Table 1.3-1, dated 9/98; and

iii. for coal, emission factors based on the most recent emission tests that demonstrated the units were in compliance (for B014 - 0.60 pound of NOx per mmBtu and 13,735 Btu per pound of coal based on emission testing performed on January 28, 1998; and for B015 - 0.49 pound of NOx per mmBtu and 14,098 Btu per pound of coal based on emission testing performed on February 5, 1998).

i. Emission Limitation:

0.7 pound of NOx per mmBtu of actual heat input

Applicable Compliance Method:

Compliance may be demonstrated based upon the most recent emission tests that demonstrated the emissions unit was in compliance (0.60 pound of NOx per mmBtu based on stack testing performed on January 28, 1998).

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with Methods 1 through 4 and 7 of 40 CFR Part 60, Appendix A.

Alternate, USEPA-approved methods may be used upon approval by the Toledo Division of Environmental Services.

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VI. **Miscellaneous Requirements**

- 1. None

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Facility ID: 0448010413 Emissions Unit ID: B014 Issuance type: Title V Proposed 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>
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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: 0448010413 Emissions Unit ID: B015 Issuance type: Title V Proposed 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>
Boiler #13: 84.0 mmBtu/hr coal-fired boiler, controlled with a fabric filter	OAC rule 3745-17-07(A)(1)	See A.I.2.a below.
	OAC rule 3745-17-10(C)(1)	See A.I.2.a below.
	OAC rule 3745-18-54(A)	See A.I.2.a below.
	OAC rule 3745-21-08(B)	See A.I.2.b below.
	OAC rule 3745-23-06(B)	See A.I.2.b below.
	OAC rule 3745-31-05(A)(3) (PTI 04-247)	Visible particulate emissions from any stack shall not exceed 5% opacity as a 6-minute average.
		0.06 pound of particulate emissions per mmBtu of actual heat input
		1.2 pounds of sulfur dioxide (SO ₂) per mmBtu of actual heat input
		0.7 pound of nitrogen oxides (NO _x) per mmBtu of actual heat input
		Operational restrictions were established in PTI 04-247 as issued November 16, 1988.
		See A.I.2.c and A.II.3 below.
	OAC rule 3745-31-05(D) (PTI 04-247)	Netting and PSD limitations were established in PTI 04-247 as issued November 16, 1988.
		See A.I.2.d below.

2. Additional Terms and Conditions

- a. The emission limitation(s) required by this applicable rule is(are) less stringent than the emission limitations established pursuant to the best available technology requirement specified in OAC rule 3745-31-05(A)(3).
- b. The permittee has satisfied the "best available control techniques and operating practices" required pursuant to OAC rule 3745-21-08(B) by committing to comply with the best available technology requirements established pursuant to OAC rule 3745-31-05(A)(3) in Permit to Install 04-247.

On November 5, 2002, OAC rule 3745-21-08 was revised to delete paragraph (B); therefore, paragraph (B) is no longer part of the State regulations. However, that rule revision has not yet been submitted to the U.S. EPA as a revision to Ohio's State Implementation Plan (SIP). Therefore, until the SIP revision occurs and the U.S. EPA approves the revisions to OAC rule 3745-21-08, the requirement to satisfy the "best available control techniques and operating practices" still exists as part of the federally-approved SIP for Ohio.

The permittee has satisfied the "latest available control techniques and operating practices" required pursuant to OAC rule 3745-23-06(B) by committing to comply with the best available technology requirements established pursuant to OAC rule 3745-31-05(A)(3) in Permit to Install 04-247.
- c. The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-08(B), OAC rule 3745-23-06(B), and OAC rule 3745-31-05(D).

- d. The combined emissions from emissions units B001, B002, B013, B014, and B015 shall not exceed the following as a rolling, 12-month summation:
 - i. 56 tons of particulate emissions;
 - ii. 674.3 tons of SO₂;
 - iii. 15.8 tons of non-methane volatile organic compounds (VOC);
 - iv. 181.3 tons of carbon monoxide (CO); and
 - v. 391.8 tons of NO_x.

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II. Operational Restrictions

1. The pressure drop across the baghouse shall be maintained within the range of 2 to 6 inches of water while the emissions unit is in operation.
2. No prior notice is required for the permittee to operate other permitted boilers in conjunction with this emissions unit.
3. The quantity of fuel burned in emissions units B001, B002, B013, B014, and B015, combined, shall not exceed the following as a rolling, 12-month summation:
 - a. 44,777 tons of coal;
 - b. 19.26 million gallons of no. 2 fuel oil; and
 - c. 5,600 million cubic feet of natural gas.

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III. Monitoring and/or Record Keeping Requirements

1. The permittee shall properly operate and maintain equipment to monitor the pressure drop across the baghouse while the emissions unit is in operation. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across the baghouse on a daily basis.
2. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
 - a. the color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
 - d. the total duration of any visible emission incident; and
 - e. any corrective actions taken to eliminate the visible emissions.
3. The permittee shall collect a representative sample of each shipment of coal which is received for burning in emissions units B014 and B015. The coal sampling shall be performed in accordance with ASTM method D2234, Collection of a Gross Sample of Coal. At the end of each calendar month, the representative samples of coal from all shipments of coal which were received during that calendar month shall be combined into one composite sample.

Each monthly composite sample of coal shall be analyzed for ash content (%), sulfur content (%), and heat content (Btu/lb of coal). The analytical methods for ash content, sulfur content and heat content shall be: ASTM method D3174, Ash in the Analysis of Coal and Coke; ASTM method D3177, Total Sulfur in the Analysis Sample of Coal and Coke or ASTM method D4239, Sulfur in the Analysis Sample of Coal and Coke Using High Temperature Tube Furnace Combustion Methods; and ASTM method D5865, Gross Calorific Value of Coal and Coke, respectively. Alternative, equivalent methods may be used upon written approval from the appropriate Ohio EPA District Office or local air agency.
4. The permittee shall maintain monthly records of the total quantity of coal received for burning in emissions units B014 and B015, and the results of the analyses for ash content, sulfur content, heat content, and the calculated SO₂ emission rate (lb/mmBtu).
5. The permittee shall maintain monthly records of the total quantity of coal burned in this emissions units.
6. The permittee shall maintain monthly records of the total quantity of natural gas, no. 2 fuel oil, and coal burned in emissions units B001, B002, B013, B014, and B015, combined, and the rolling, 12-month summations for natural gas, no. 2 fuel oil, and coal burned in emissions units B001, B002, B013, B014, and B015, combined.
7. The permittee shall maintain monthly records of the total particulate, SO₂, non-methane VOC, CO, and NO_x emissions from this emissions unit, in tons.
8. The permittee shall maintain monthly records of the total particulate, SO₂, non-methane VOC, CO, and NO_x emissions from emissions units B001, B002, B013, B014, and B015, combined, and as a rolling, 12-month

summation from emissions units B001, B002, B013, B014, and B015, combined, in tons.

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IV. **Reporting Requirements**

1. The permittee shall submit quarterly pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across the baghouse did not comply with the allowable range specified above.
2. The permittee shall submit semiannual written reports that (a) identify all days during which any visible particulate emissions were observed from the stack serving this emissions unit and (b) describe any corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) by January 31 and July 31 of each year and shall cover the previous 6-month period.
3. Quarterly reports shall be submitted concerning the quality and quantity of coal received for burning in emissions units B014 and B015. These reports shall include the following information for the emissions unit for each calendar month during the calendar quarter:
 - a. the total quantity of coal received (tons);
 - b. the average ash content (%) of the coal received;
 - c. the average sulfur content (%) of the coal received;
 - d. the average heat content (Btu/lb) of the coal received; and
 - e. the average SO₂ emission rate (pounds of SO₂ per mmBtu of actual heat input) from the coal received.
4. The permittee shall submit quarterly deviation (excursion) reports that include an identification of each month of the calendar quarter during which the particulate, SO₂, non-methane VOC, CO, and NO_x emissions, as rolling, 12-month summations, exceeded the emission limitations specified in section A.I.2.a for emissions units B001, B002, B013, B014, and B015, combined, and the actual particulate, SO₂, non-methane VOC, CO, and NO_x emissions for each such month.
5. The permittee shall submit quarterly deviation (excursion) reports that include an identification of each month of the calendar quarter during which the quantity of fuel burned in emissions units B001, B002, B013, B014, and B015, combined, as rolling, 12-month summations, exceeded the operational restrictions specified in section A.II.3, and the actual quantity of fuel burned for each such month.
6. The deviation reports shall be submitted in accordance with the requirements specified in Part I - General Term and Condition A.1.c.

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V. **Testing Requirements**

1. Compliance with the emission limitations in sections A.I.1 and A.I.2 of these terms and conditions shall be determined in accordance with the following methods:
 - a. Emission Limitation:

Visible particulate emissions from any stack shall not exceed 5% opacity as a 6-minute average.

Applicable Compliance Method:

If required, compliance shall be demonstrated based upon visible particulate emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9.
 - b. Emission Limitation:

0.06 pound of particulate emissions per mmBtu of actual heat input

Applicable Compliance Method:

Compliance may be demonstrated based upon an emission factor established during the most recent emission tests that demonstrated the emissions unit was in compliance (0.00235 pound of particulate emissions per mmBtu based on emission testing performed on February 5, 1998).

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with Methods 1 through 5 of 40 CFR Part 60, Appendix A.

Alternate, USEPA-approved methods may be used upon approval by the Toledo Division of Environmental Services.
 - c. Emission Limitation:

1.2 pounds of SO₂ per mmBtu of actual heat input

Applicable Compliance Method:

Compliance may be demonstrated based upon the monitoring and record keeping requirements specified in sections A.III.4 and A.III.5 and the calculation in OAC rule 3745-18-04(F)(1).

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with Methods 1 through 4 and 6 of 40 CFR Part 60, Appendix A.

Alternate, USEPA-approved methods may be used upon approval by the Toledo Division of Environmental Services.

d. Emission Limitation:

The combined emissions from emissions units B001, B002, B013, B014, and B015 shall not exceed 56 tons of particulate emissions as a rolling, 12-month summation.

Applicable Compliance Method:

Compliance shall be demonstrated based upon the monitoring and record keeping requirements specified in section A.III; and

i. for natural gas, an emission factor of 1.9 pounds of particulate emissions per million standard cubic feet and a heating value of 1020 Btu per standard cubic foot from AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1-4, Table 1.4-2, dated 7/98;

ii. for fuel oil, an emission factor of 2 pounds of particulate emissions per 1000 gallons and a heating value of 140 million Btu per 1000 gallons from AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.3, Table 1.3-1, dated 9/98; and

iii. for coal, emission factors based on the most recent emission tests that demonstrated the units were in compliance (for B014 - 0.00194 pound of particulate emissions per mmBtu and 13,735 Btu per pound of coal based on emission testing performed on January 28, 1998; and for B015 - 0.00235 pound of particulate emissions per mmBtu and 14,098 Btu per pound of coal based on emission testing performed on February 5, 1998).

e. Emission Limitation:

The combined emissions from emissions units B001, B002, B013, B014, and B015 shall not exceed 674.3 tons of SO₂ as a rolling, 12-month summation.

Applicable Compliance Method:

Compliance shall be demonstrated based upon the monitoring and record keeping requirements of section A.III and OAC rule 3745-18-04(F); or

i. for natural gas, an emission factor of 0.6 pound of SO₂ per million standard cubic feet and a heating value of 1020 Btu per standard cubic foot;

ii. for fuel oil, an emission factor of 143S pounds of SO₂ per 1000 gallons; and

iii. for coal, an emission factor of 35S pounds of SO₂ per ton, where S indicates that the weight percent sulfur in the fuel should be multiplied by the value given.

These emission factors are specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.4, Table 1.4-2 for natural gas, dated 7/98, Section 1.3, Table 1.3-1 for no. 2 fuel oil, dated 9/98 and Section 1.1, Table 1.1-3 for coal, dated 9/98.

The permittee shall utilize the highest value for S based on the records in section A.III.

f. Emission Limitation:

The combined emissions from emissions units B001, B002, B013, B014, and B015 shall not exceed 15.8 tons of non-methane VOC as a rolling, 12-month summation.

Applicable Compliance Method:

Compliance shall be demonstrated based upon the monitoring and record keeping requirements of section A.III; and

i. for natural gas, an emission factor of 5.5 pounds of non-methane VOC per million standard cubic feet and a heating value of 1020 Btu per standard cubic foot;

ii. for fuel oil, an emission factor of 0.2 pound of non-methane VOC per 1000 gallons; and

iii. for coal, an emission factor of 0.05 pound of non-methane VOC per ton.

These emission factors are specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.4, Table 1.4-2 for natural gas, dated 7/98, Section 1.3, Table 1.3-3 for no. 2 fuel oil, dated 9/98, and Section 1.1, Table 1.1-19 for coal, dated 9/98.

g. Emission Limitation:

The combined emissions from emissions units B001, B002, B013, B014, and B015 shall not exceed

181.3 tons of CO as a rolling, 12-month summation.

Applicable Compliance Method:

Compliance shall be demonstrated based upon the monitoring and record keeping requirements of section A.III; and

i. for natural gas, an emission factor of 84 pounds of CO per million standard cubic feet and a heating value of 1020 Btu per standard cubic foot from AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.4, Table 1.4-1, dated 2/98;

ii. for fuel oil, an emission factor of 5 pounds of CO per 1000 gallons and a heating value of 140 million Btu per 1000 gallons from AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.3, Table 1.3-1, dated 9/98; and

iii. for coal, emission factors based on the most recent emission tests that demonstrated the units were in compliance (for B014 - 0.13 pound of CO per mmBtu and 13,735 Btu per pound of coal based on emission testing performed on January 28, 1998; and for B015 - 0.27 pound of CO per mmBtu and 14,098 Btu per pound of coal based on emission testing performed on February 5, 1998).

h. Emission Limitation:

The combined emissions from emissions units B001, B002, B013, B014, and B015 shall not exceed 391.8 tons of NOx as a rolling, 12-month summation.

Applicable Compliance Method:

Compliance shall be demonstrated based upon the monitoring and record keeping requirements of section A.III; and

i. for natural gas, an emission factor of 100 pounds of NOx per million standard cubic feet and a heating value of 1020 Btu per standard cubic foot from AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.4, Table 1.4-1, dated 2/98;

ii. for fuel oil, an emission factor of 20 pounds of NOx per 1000 gallons from AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.3, Table 1.3-1, dated 9/98; and

iii. for coal, emission factors based on the most recent emission tests that demonstrated the units were in compliance (for B014 - 0.60 pound of NOx per mmBtu and 13,735 Btu per pound of coal based on emission testing performed on January 28, 1998; and for B015 - 0.49 pound of NOx per mmBtu and 14,098 Btu per pound of coal based on emission testing performed on February 5, 1998).

i. Emission Limitation:

0.7 pound of NOx per mmBtu of actual heat input

Applicable Compliance Method:

Compliance may be demonstrated based upon the most recent emission tests that demonstrated the emissions unit was in compliance (0.60 pound of NOx per mmBtu based on stack testing performed on January 28, 1998).

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with Methods 1 through 4 and 7 of 40 CFR Part 60, Appendix A.

Alternate, USEPA-approved methods may be used upon approval by the Toledo Division of Environmental Services.

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0448010413 Emissions Unit ID: B015 Issuance type: Title V Proposed 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>
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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: 0448010413 Emissions Unit ID: F003 Issuance type: Title V Proposed 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>
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paved roadways and parking areas (see section A.1.2.a)	OAC rule 3745-17-07(B)(4)	no visible particulate emissions except for 6 minutes during any 60-minute period
	OAC rule 3745-17-08(B), (B)(8), (B)(9)	reasonably available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (see sections A.1.2.c, A.1.2.d, A.1.2.e, A.1.2.g, and A.1.2.i)
unpaved roadways and parking areas (see section A.1.2.b)	OAC rule 3745-17-07(B)(5)	no visible particulate emissions except for 13 minutes during any 60-minute period
	OAC rule 3745-17-08(B), (B)(2)	reasonably available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (see sections A.1.2.f through A.1.2.i)

2. Additional Terms and Conditions

- a. The paved roadways and parking areas that are covered by this permit and subject to the requirements of OAC rules 3745-17-07 and 3745-17-08 are listed below:

(a)

Paved roadways: Die Storage Lot, Powerhouse Lot, 45/46 Building Roadway, 45/49 Tunnel Roadway, Yost Street, 8 Dock Roadway, Rack Storage Pad Roadway, Wastewater Treatment (WWT) Plant Roadway & 37/49 Roadway.

Paved parking areas: Lot #1 - Gate 4 & 10 Employee Parking Lot and Lot #12 - Gate 5 Employee Parking Lot.

- b. The unpaved roadways and parking areas that are covered by this permit and subject to the requirements of OAC rules 3745-17-07 and 3745-17-08 are listed below:

Unpaved roadways: 37 Dock Area Roadway.

Unpaved parking areas: None.

- c. The permittee shall employ reasonably available control measures on all paved roadways and parking areas for the purpose of ensuring compliance with the above-mentioned applicable requirements. The permittee shall treat the paved roadways and parking areas by flushing with water, sweeping, and/or watering at sufficient treatment frequencies to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

- d. The permittee shall promptly remove, in such a manner as to minimize or prevent resuspension, earth and/or other material from paved streets onto which such material has been deposited by trucking or earth moving equipment or erosion by water or other means.

- e. The permittee shall employ reasonably available control measures on the unpaved shoulders of all paved roadways for the purpose of ensuring compliance with the above-mentioned applicable requirements. The permittee shall treat the unpaved shoulders of all paved roadways with water and/or any other suitable dust suppression chemicals at sufficient treatment frequencies to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

- f. The permittee shall employ reasonably available control measures on all unpaved roadways and parking areas for the purpose of ensuring compliance with the above-mentioned applicable requirements. The permittee shall treat the unpaved roadways and parking areas with water and/or any other suitable dust suppression chemicals at sufficient treatment frequencies to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

- g. The needed frequencies of implementation of the control measures shall be determined by the permittee's inspections pursuant to the monitoring section of this permit. Implementation of the control measures shall not be necessary for a paved or unpaved roadway or parking area that is covered with snow and/or ice or if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements. Implementation of any control measure may be suspended if unsafe or hazardous driving conditions would be created by its use.

- h. Any unpaved roadway or parking area, which during the term of this permit is paved or takes the characteristics of a paved surface due to the application of certain types of dust suppressants, may be controlled with the control measures specified above for paved surfaces. Any unpaved roadway or parking area that takes the characteristics of a paved roadway or parking area due to the application of certain types of dust suppressants shall remain subject to the visible emission limitation for unpaved roadways and parking areas. Any unpaved roadway or parking area that is paved shall be subject to the visible emission limitation for paved roadways and parking areas.

- i. pen-bodied vehicles transporting materials likely to become airborne shall have such materials covered at all times if the control measure is necessary for the materials being transported.

- j. Implementation of the above control measures in accordance with the terms and conditions of this permit is appropriate and sufficient to satisfy the requirements of OAC rule 3745-17-08.

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II. Operational Restrictions

1. None

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III. Monitoring and/or Record Keeping Requirements

1. Except as otherwise provided in this section, the permittee shall perform inspections of the roadways and parking areas, when the plant is operating at normal production, in accordance with the following frequencies:

paved roadways and parking areas minimum inspection frequency

all once per week

unpaved roadways and parking areas minimum inspection frequency

all once per week

The purpose of the inspections is to determine the need for implementing the control measures specified in section A.I.2. The inspections shall be performed during representative, normal traffic conditions. No inspection shall be necessary for a roadway or parking area that is covered with snow and/or ice or if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements. Any required inspection that is not performed due to any of the above-identified events shall be performed as soon as such event(s) has (have) ended, except if the next required inspection is within one week.

2. After the permittee has performed weekly inspections of the paved roadways and parking areas for one calendar quarter and no visible particulate emissions of fugitive dust have been observed, the permittee may begin inspections of the paved roadways and parking areas once per month. If visible particulate emissions of fugitive dust are observed during subsequent monthly inspections, the permittee shall return to an inspection frequency of once per week until no visible particulate emissions of fugitive dust are observed for another calendar quarter. All inspections shall be performed during representative, normal traffic conditions as stated in section A.III.1.
3. After the permittee has performed weekly inspections of the unpaved roadways and parking areas for one calendar quarter and no visible particulate emissions of fugitive dust have been observed, the permittee may begin inspections of the unpaved roadways and parking areas once per month. If visible particulate emissions of fugitive dust are observed during subsequent monthly inspections, the permittee shall return to an inspection frequency of once per week until no visible particulate emissions of fugitive dust are observed for another calendar quarter. All inspections shall be performed during representative, normal traffic conditions as stated in section A.III.1.
4. The permittee shall maintain records of the following information for a minimum of 5 years:
 - a. the date and reason any required inspection was not performed, including those inspections that were not performed due to snow and/or ice cover or precipitation;
 - b. the date of each inspection where it was determined by the permittee that it was necessary to implement the control measures;
 - c. the dates the control measures were implemented; and
 - d. on a calendar quarter basis, the total number of days the control measures were implemented and the total number of days where snow and/or ice cover or precipitation were sufficient to not require the control measures.

The information required in section A.III.2.d shall be kept separately for (i) the paved roadways and parking areas and (ii) the unpaved roadways and parking areas, and shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter.

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IV. Reporting Requirements

1. The permittee shall submit quarterly deviation reports that identify any of the following occurrences:
 - a. each period during which an inspection was not performed by the required frequency, excluding an inspection which was not performed due to an exemption for snow and/or ice cover or precipitation; and
 - b. each instance when a control measure, that was to be implemented as a result of an inspection, was not implemented.
2. The deviation reports shall be submitted in accordance with the requirements specified in Part I - General Term and Condition A.1.c.

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V. **Testing Requirements**

1. Compliance with the emission limitation for the paved and unpaved roadways and parking areas identified above may be determined in accordance with Test Method 22 as set forth in "Appendix on Test Methods" in 40 CFR, Part 60 ("Standards of Performance for New Stationary Sources," as such Appendix existed on July 1, 1996, and the modifications listed in paragraphs (B)(4)(a) through (B)(4)(d) of OAC rule 3745-17-03.*

*The procedures relating to Test Method 22 reflect the settlement agreement reached between Ohio EPA and the Ohio Electric Utilities concerning the Utilities' appeal to the Ohio Environmental Review Appeals Commission of the 1991 revisions and additions to OAC Chapter 3745-17. The revised rule containing the procedures was adopted by the Director of Ohio EPA in December, 1997. The USEPA and the Ohio Electric Utilities have agreed to consider the procedures as federally enforceable during the time from the effective date of this permit to the effective date of USEPA approval of the procedures as a revision to the Ohio SIP for particulate matter.

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0448010413 Emissions Unit ID: F003 Issuance type: Title V Proposed 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: 0448010413 Emissions Unit ID: K007 Issuance type: Title V Proposed 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>
automobile E-Coat prime coating line	OAC rule 3745-21-09(C)(1)(a)(i) OAC rule 3745-31-05(A)(3) (PTI 04-585) OAC rule 3745-31-05(D) (PTI 04-585)	1.2 pounds of volatile organic compounds (VOC) per gallon of coating, excluding water and exempt solvents See A.I.2.a and A.I.2.c below. Netting limitations were established in PTI 04-585 as issued on June 7, 1991. See A.I.2.b below.
32.9 mmBtu/hr natural gas indirect-fired bake oven	OAC rule 3745-17-07(A)(1) OAC rule 3745-17-10(B)(1) OAC rule 3745-18-06	Visible particulate emissions from any stack shall not exceed 20% opacity as a 6-minute average, except as provided by the rule. 0.020 pound of particulate emissions per mmBtu of actual heat input None, see A.I.2.d below.

2. **Additional Terms and Conditions**

- a. The VOC emissions from emissions units K007, K008, K009, and K010, combined, shall not exceed 11,532 lbs/day.
- b. The VOC emissions from emissions units K007, K008, K009, and K010, combined, shall not exceed 1303.6 tons per rolling, 12-month period.
- c. The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-07(A)(1), OAC rule 3745-17-10(B)(1), OAC rule 3745-21-09(C)(1)(a)(i), and OAC rule 3745-31-05(D).
- d. There is no applicable emission limitation for this emissions unit in OAC Chapter 3745-18.

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II. **Operational Restrictions**

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

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

1. When employing compliant coating materials, the permittee shall collect and record the following information for each month for this emissions unit:
 - a. the name and identification number of each coating, as applied;
 - b. the VOC content (excluding water and exempt solvents) and the number of gallons (excluding water and exempt solvents) of each coating, as applied;
 - c. the volume-weighted average VOC content of all coatings, as applied, calculated in accordance with the equation specified in paragraph (B)(9) of OAC rule 3745-21-10 for CVOC,2;
 - d. the total VOC emissions from this emissions unit, in lbs; and
 - e. the total VOC emissions for emissions units K007, K008, K009, and K010, combined, in lbs.
2. On any day when noncompliant coating materials are employed, the permittee shall collect and record the following information for that day for this emissions unit:
 - a. the name and identification number of each coating, as applied;
 - b. the VOC content (excluding water and exempt solvents) and the number of gallons (excluding water and exempt solvents) of each coating, as applied;
 - c. the volume-weighted average VOC content of all coatings, as applied, calculated in accordance with the equation specified in paragraph (B)(9) of OAC rule 3745-21-10 for CVOC,2;
 - d. the total VOC emissions from this emissions unit, in lbs; and
 - e. the total VOC emissions for emissions units K007, K008, K009, and K010, combined, in lbs.

If the daily volume-weighted calculation does not demonstrate compliance with the VOC content limitation in section A.1.1, the permittee shall obtain a representative grab sample from the tank serving this emissions unit and analyze the sample in accordance with 40 CFR Part 60, Appendix A, Method 24.
3. The permittee shall collect and record the following information each month for emissions units K007, K008, K009, and K010:
 - a. the total VOC emissions for emissions units K007, K008, K009, and K010, combined, in lbs; and
 - b. the rolling, 12-month VOC emissions for emissions units K007, K008, K009, and K010, combined, in tons.
4. 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 notify the Toledo Division of Environmental Services in writing of any daily record showing that the daily volume-weighted average VOC content exceeds the applicable limitation. The notification shall include a copy of such record and shall be sent to the Toledo Division of Environmental Services within 45 days after the exceedance occurs.
2. The permittee shall submit quarterly deviation (excursion) reports that include an identification of each day during which the VOC emissions, in lbs, for emissions units K007, K008, K009, and K010, combined, exceeded 11,532 lbs, and the actual VOC emissions for each such day.
3. The permittee shall submit quarterly deviation (excursion) reports that include an identification of each month during which the VOC emissions, in tons, as a rolling, 12-month summation, for emissions units K007, K008, K009, and K010, combined, exceeded 1303.6 tons, and the actual VOC emissions for each such month.
4. 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.
5. The quarterly deviation reports shall be submitted in accordance with the requirements specified in Part I - General Term and Condition A.1.c.ii.

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V. Testing Requirements

1. Compliance with the emission limitations in sections A.1.1 and A.1.2 of these terms and conditions shall be determined in accordance with the following methods:
 - a. Emission Limitation:

1.2 pounds of VOC per gallon of coating, excluding water and exempt solvents

Applicable Compliance Method:

Compliance shall be demonstrated based upon the monitoring and record keeping requirements specified in section A.III.1, OAC rule 3745-21-09(C)(2), and OAC rule 3745-21-10(B). Alternate, USEPA-approved methods may be used upon approval by the Toledo Division of Environmental Services.

USEPA Methods 24 and 24A shall be used to determine the VOC content. If, pursuant to Method 24, 40 CFR Part 60, Appendix A, the permittee determines that Method 24 or 24A cannot be used for a particular coating or ink, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24 or 24A.

b. Emission Limitation:

The VOC emissions from emissions units K007, K008, K009, and K010, combined, shall not exceed 11,532 lbs/day.

Applicable Compliance Method:

Compliance shall be demonstrated based upon the monitoring and record keeping requirements specified in section A.III.

c. Emission Limitation:

The VOC emissions from emissions units K007, K008, K009, and K010, combined, shall not exceed 1303.6 tons per rolling, 12-month period.

Applicable Compliance Method:

Compliance shall be demonstrated based upon the monitoring and record keeping requirements specified in section A.III.

d. Emission Limitation:

Visible particulate emissions from any stack shall not exceed 20% opacity as a 6-minute average, except as provided by the rule.

Applicable Compliance Method:

If required, compliance shall be demonstrated based upon visible particulate emissions observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9 and the procedures specified in OAC rule 3745-17-03(B)(1). Alternate, USEPA-approved methods may be used upon approval by the Toledo Division of Environmental Services.

e. Emission Limitation:

0.020 pound of particulate emissions per mmBtu of actual heat input

Applicable Compliance Method:

Compliance may be demonstrated based upon an emission factor of 1.9 pounds of particulate emissions per million standard cubic feet and a heating value of 1020 Btu per standard cubic foot specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Table 1.4-2, dated 7/98.

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with the methods and procedures specified in OAC rule 3745-17-03(B)(9). Alternate, USEPA-approved methods may be used upon approval by the Toledo Division of Environmental Services.

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0448010413 Emissions Unit ID: K007 Issuance type: Title V Proposed 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>
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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: 0448010413 Emissions Unit ID: K008 Issuance type: Title V Proposed 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>
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automobile spray coating line with water wash particulate collector	OAC rule 3745-17-07(A)(1) OAC rule 3745-17-11(B)(1) OAC rule 3745-21-09(C)(1)(a)(v) OAC rule 3745-31-05(A)(3) (PTI 04-585) OAC rule 3745-31-05(D) (PTI 04-585)	<p>Measures</p> Visible particulate emissions shall not exceed 20% opacity as a 6-minute average, except as provided by the rule. 1.2 lbs/hr of particulate emissions 15.1 pounds of VOC per gallon of deposited solids See A.I.2.a and A.I.2.c below. Netting limitations were established in PTI 04-585 as issued on June 7, 1991. See A.I.2.b below. None, see A.I.2.d below.
19.7 mmBtu/hr natural gas direct-fired bake oven	OAC rule 3745-18-06	None, see A.I.2.d below.

2. Additional Terms and Conditions

- a. The VOC emissions from emissions units K007, K008, K009, and K010, combined, shall not exceed 11,532 lbs/day.
- b. The VOC emissions from emissions units K007, K008, K009, and K010, combined, shall not exceed 1303.6 tons per rolling, 12-month period.
- c. The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-07(A)(1), OAC rule 3745-17-11(B)(1), OAC rule 3745-21-09(C)(1)(a)(v), and OAC rule 3745-31-05(D).
- d. There is no applicable emission limitation for this emissions unit in OAC Chapter 3745-18.

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II. Operational Restrictions

- 1. The permittee shall operate the water wash system whenever this emissions unit is in operation.
- 2. The permittee shall burn only natural gas as fuel in this emissions unit.

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III. Monitoring and/or Record Keeping Requirements

- 1. Pursuant to OAC rule 3745-21-09(C)(4), the permittee shall maintain records for each day for the guidecoat/surfacer operation that will enable the permittee to calculate the VOC emission rate in order to demonstrate compliance with the emission limitation identified in section A.I.1 above for the guidecoat/surfacer operation in accordance with the U.S.EPA's " Protocol for Determining the Daily Volatile Organic Compound Emission Rate of Automobiles and Light-Duty Truck Topcoat Operations" (EPA-450/3-88-028, Dec.1988) and any subsequent revisions thereof. In accordance with the protocol, the permittee shall calculate the VOC emission rate for the guidecoat/surfacer operation in pounds of VOC per gallon of solids applied for each day of operation.
- 2. The permittee shall collect and record the following information for each day for this emissions unit:
 - a. the total VOC emissions from this emissions unit, in lbs; and
 - b. the total VOC emissions for emissions units K007, K008, K009, and K010, combined, in pounds.
- 3. The permittee shall collect and record the following information each month for emissions units K007, K008, K009, and K010:
 - a. the total VOC emissions for emissions units K007, K008, K009, and K010, combined, in lbs; and
 - b. the rolling, 12-month VOC emissions for emissions units K007, K008, K009, and K010, combined, in tons.
- 4. The permittee shall maintain daily records that document any time periods when the water wash system was not in service when the emissions unit was in operation.
- 5. 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 notify the Toledo Division of Environmental Services in writing of any daily record showing that the water wash system was not in service when the emissions unit was in operation. The notification shall include a copy of such record and shall be sent to the Toledo Division of Environmental Services within 30 days after the event occurs.

2. The permittee shall notify the Toledo Division of Environmental Services in writing of any daily record showing that the calculated, controlled VOC emission rate exceeds the applicable pounds of VOC per gallon of solids limitation. The notification shall include a copy of such record and shall be sent to the Toledo Division of Environmental Services within 45 days after the exceedance occurs.
3. The permittee shall submit quarterly deviation (excursion) reports that include an identification of each day during which the daily VOC emissions, in lbs, for emissions units K007, K008, K009, and K010, combined, exceeded 11,532 lbs, and the actual daily VOC emissions for each such day.
4. The permittee shall submit quarterly deviation (excursion) reports that include an identification of each month during which the VOC emissions, in tons, as a rolling, 12-month summation, for emissions units K007, K008, K009, and K010, combined, exceeded 1303.6 tons, and the actual VOC emissions for each such month.
5. 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.
6. The quarterly deviation reports shall be submitted in accordance with the requirements specified in Part I - General Term and Condition A.1.c.ii.

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V. **Testing Requirements**

1. Compliance with the emission limitations in sections A.I.1 and A.I.2 of these terms and conditions shall be determined in accordance with the following methods:
 - a. Emission Limitation:

Visible particulate emissions shall not exceed 20% opacity as a 6-minute average, except as provided by the rule.

Applicable Compliance Method:

If required, compliance shall be demonstrated based upon visible particulate emissions observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9 and the procedures specified in OAC rule 3745-17-03(B)(1).
 - b. Emission Limitation:

1.2 lbs/hr of particulate emissions

Applicable Compliance Method:

To determine the actual worst case emission rate for particulates, the following equation may be used:

$$E = (M) * (1-TE) * (1-CE)$$

where:

E = particulate matter emission rate (lbs/hr),
M = maximum coating solids usage rate (lbs/hr),
TE = transfer efficiency of coating equipment (ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used, 0.35 for air spray guns),
CE = control efficiency of the control equipment (31.6% for the double frame filters; 98% for the water wash). If more than one piece of control equipment is used in series, the equation should be multiplied by additional (1-CE) terms for each additional piece of equipment.

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with the methods and procedures specified in OAC rule 3745-17-03(B)(10). Alternate, USEPA-approved methods may be used upon approval by the Toledo Division of Environmental Services.
 - c. Emission Limitation:

15.1 pounds of VOC per gallon of deposited solids

Applicable Compliance Method:

Compliance shall be demonstrated based upon the monitoring and record keeping requirements specified in section A.III.
 - d. Emission Limitation:

The VOC emissions from emissions units K007, K008, K009, and K010, combined, shall not exceed 11,532 lbs/day.

Applicable Compliance Method:

Compliance shall be demonstrated based upon the monitoring and record keeping requirements specified in section A.III.

e. Emission Limitation:

The VOC emissions from emissions units K007, K008, K009, and K010, combined, shall not exceed 1303.6 tons per rolling, 12-month period.

Applicable Compliance Method:

Compliance shall be demonstrated based upon the record keeping requirements specified in section A.III.

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0448010413 Emissions Unit ID: K008 Issuance type: Title V Proposed 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: 0448010413 Emissions Unit ID: K009 Issuance type: Title V Proposed 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>
automobile topcoat coating line with water wash particulate collector	OAC rule 3745-17-07(A)(1)	Visible particulate emissions shall not exceed 20% opacity as a 6-minute average, except as provided by the rule.
	OAC rule 3745-17-11(B)(1)	1.4 lbs/hr of particulate emissions
	OAC rule 3745-21-09(C)(1)(c)	15.1 pounds of VOC per gallon of deposited solids
	OAC rule 3745-31-05(A)(3) (PTI 04-585)	See A.I.2.a and A.I.2.c below.
	OAC rule 3745-31-05(D) (PTI 04-585)	Netting limitations were established in PTI 04-585 as issued on June 7, 1991.
9.6 mmBtu/hr natural gas direct-fired bake oven	OAC rule 3745-18-06	See A.I.2.b below. None, see A.I.2.d below.

2. **Additional Terms and Conditions**

- a. The VOC emissions from emissions units K007, K008, K009, and K010, combined, shall not exceed 11,532 lbs/day.
- b. The VOC emissions from emissions units K007, K008, K009, and K010, combined, shall not exceed 1303.6 tons per rolling, 12-month period.
- c. The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-07(A)(1), OAC rule 3745-17-11(B)(1), OAC rule 3745-21-09(C)(1)(c), and OAC rule 3745-31-05(D).
- d. There is no applicable emission limitation for this emissions unit in OAC Chapter 3745-18.

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II. **Operational Restrictions**

1. The permittee shall operate the water wash system whenever this emissions unit is in operation.
2. The permittee shall burn only natural gas as fuel in this emissions unit.

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

1. Pursuant to OAC rule 3745-21-09(C)(4), the permittee shall maintain records for each day for the topcoat operation that will enable the permittee to calculate the VOC emission rate in order to demonstrate compliance with the emission limitation identified in section A.I.1 above for the topcoat operation in

accordance with the U.S.EPA's " Protocol for Determining the Daily Volatile Organic Compound Emission Rate of Automobiles and Light-Duty Truck Topcoat Operations" (EPA-450/3-88-028, Dec.1988) and any subsequent revisions thereof. In accordance with the protocol, the permittee shall calculate the VOC emission rate for the topcoat operation in pounds of VOC per gallon of solids applied for each day of operation.

2. The permittee shall collect and record the following information for each day for this emissions unit:
 - a. the total VOC emissions from this emissions unit, in lbs; and
 - b. the total VOC emissions for emissions units K007, K008, K009, and K010, combined, in lbs.
3. The permittee shall collect and record the following information each month for emissions units K007, K008, K009, and K010:
 - a. the total VOC emissions for emissions units K007, K008, K009, and K010, combined, in lbs; and
 - b. the rolling, 12-month VOC emissions for emissions units K007, K008, K009, and K010, combined, in tons.
4. The permittee shall maintain records that document any time periods when the water wash system was not in service when the emissions unit was in operation.
5. For each day 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 notify the Toledo Division of Environmental Services in writing of any record showing that the water wash system was not in service when the emissions unit was in operation. The notification shall include a copy of such record and shall be sent to the Toledo Division of Environmental Services within 30 days after the event occurs.
2. The permittee shall notify the Toledo Division of Environmental Services in writing of any daily record showing that the calculated, controlled VOC emission rate exceeds the applicable pounds of VOC per gallon of solids limitation. The notification shall include a copy of such record and shall be sent to the Toledo Division of Environmental Services within 45 days after the exceedance occurs.
3. The permittee shall submit quarterly deviation (excursion) reports that include an identification of each day during which the daily VOC emissions, in lbs, for emissions units K007, K008, K009, and K010, combined, exceeded 11,532 lbs, and the actual daily VOC emissions for each such day.
4. The permittee shall submit quarterly deviation (excursion) reports that include an identification of each month during which the VOC emissions, in tons, as a rolling, 12-month summation, for emissions units K007, K008, K009, and K010, combined, exceeded 1303.6 tons, and the actual VOC emissions for each such month.
5. 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.
6. The quarterly deviation reports shall be submitted in accordance with the requirements specified in Part I - General Term and Condition A.1.c.ii.

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V. Testing Requirements

1. Compliance with the emission limitations in sections A.I.1 and A.I.2 of these terms and conditions shall be determined in accordance with the following methods:
 - a. Emission Limitation:

Visible particulate emissions shall not exceed 20% opacity as a 6-minute average, except as provided by the rule.

Applicable Compliance Method:

If required, compliance shall be demonstrated based upon visible particulate emissions observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9 and the procedures specified in OAC rule 3745-17-03(B)(1).
 - b. Emission Limitation:

1.4 lbs/hr of particulate emissions

Applicable Compliance Method:

To determine the actual worst case emission rate for particulates, the following equation may be used:

$$E = (M) * (1-TE) * (1-CE)$$

where:

E = particulate matter emission rate (lbs/hr),
 M = maximum coating solids usage rate (lbs/hr),
 TE = transfer efficiency of coating equipment (ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used, 0.35 for air spray guns),
 CE = control efficiency of the control equipment (31.6% for the double frame filters; 98% for the water wash). If more than one piece of control equipment is used in series, the equation should be multiplied by additional (1-CE) terms for each additional piece of equipment.

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with the methods and procedures specified in OAC rule 3745-17-03(B)(10). Alternate, USEPA-approved methods may be used upon approval by the Toledo Division of Environmental Services.

c. Emission Limitation:

15.1 pounds of VOC per gallon of deposited solids

Applicable Compliance Method:

Compliance shall be demonstrated based upon the monitoring and record keeping requirements specified in section A.III.

d. Emission Limitation:

The VOC emissions from emissions units K007, K008, K009, and K010, combined, shall not exceed 11,532 lbs/day.

Applicable Compliance Method:

Compliance shall be demonstrated based upon the monitoring and record keeping requirements specified in section A.III.

e. Emission Limitation:

The VOC emissions from emissions units K007, K008, K009, and K010, combined, shall not exceed 1303.6 tons per rolling, 12-month period.

Applicable Compliance Method:

Compliance shall be demonstrated based upon the record keeping requirements specified in section A.III.

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0448010413 Emissions Unit ID: K009 Issuance type: Title V Proposed 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</u>
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Measures

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: 0448010413 Emissions Unit ID: K010 Issuance type: Title V Proposed 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>
automobile topcoat coating line with water wash particulate collector	OAC rule 3745-17-07(A)(1)	Visible particulate emissions shall not exceed 20% opacity as a 6-minute average, except as provided by the rule.
	OAC rule 3745-17-11(B)(1)	1.4 lbs/hr of particulate emissions
	OAC rule 3745-21-09(C)(1)(c)	15.1 pounds of VOC per gallon of deposited solids
	OAC rule 3745-31-05(A)(3) (PTI 04-585)	See A.I.2.a and A.I.2.c below.
	OAC rule 3745-31-05(D)	Netting limitations were established in PTI 04-585 as

(PTI 04-585)

issued on June 7, 1991.

See A.I.2.b below.

9.6 mmBtu/hr natural gas direct-fired bake oven OAC rule 3745-18-06

None, see A.I.2.d below.

2. Additional Terms and Conditions

- a. The VOC emissions from emissions units K007, K008, K009, and K010, combined, shall not exceed 11,532 lbs/day.
- b. The VOC emissions from emissions units K007, K008, K009, and K010, combined, shall not exceed 1303.6 tons per rolling, 12-month period.
- c. The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-07(A)(1), OAC rule 3745-17-11(B)(1), OAC rule 3745-21-09(C)(1)(c), and OAC rule 3745-31-05(D).
- d. There is no applicable emission limitation for this emissions unit in OAC Chapter 3745-18.

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1. The permittee shall operate the water wash system whenever this emissions unit is in operation.
2. The permittee shall burn only natural gas as fuel in this emissions unit.

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1. Pursuant to OAC rule 3745-21-09(C)(4), the permittee shall maintain records for each day for the topcoat operation that will enable the permittee to calculate the VOC emission rate in order to demonstrate compliance with the emission limitation identified in section A.I.1 above for the topcoat operation in accordance with the U.S.EPA's " Protocol for Determining the Daily Volatile Organic Compound Emission Rate of Automobiles and Light-Duty Truck Topcoat Operations" (EPA-450/3-88-028, Dec.1988) and any subsequent revisions thereof. In accordance with the protocol, the permittee shall calculate the VOC emission rate for the topcoat operation in pounds of VOC per gallon of solids applied for each day of operation.
2. The permittee shall collect and record the following information for each day for this emissions unit:
 - a. the total VOC emissions from this emissions unit, in lbs; and
 - b. the total VOC emissions for emissions units K007, K008, K009, and K010, combined, in lbs.
3. The permittee shall collect and record the following information each month for emissions units K007, K008, K009, and K010:
 - a. the total VOC emissions for emissions units K007, K008, K009, and K010, combined, in lbs; and
 - b. the rolling, 12-month VOC emissions for emissions units K007, K008, K009, and K010, combined, in tons.
4. The permittee shall maintain daily records that document any time periods when the water wash system was not in service when the emissions unit was in operation.
5. 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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1. The permittee shall notify the Toledo Division of Environmental Services in writing of any daily record showing that the water wash system was not in service when the emissions unit was in operation. The notification shall include a copy of such record and shall be sent to the Toledo Division of Environmental Services within 30 days after the event occurs.
2. The permittee shall notify the Toledo Division of Environmental Services in writing of any daily record showing that the calculated, controlled VOC emission rate exceeds the applicable pounds of VOC per gallon of solids limitation. The notification shall include a copy of such record and shall be sent to the Toledo Division of Environmental Services within 45 days after the exceedance occurs.
3. The permittee shall submit quarterly deviation (excursion) reports that include an identification of each month during which the VOC emissions, in tons, as a rolling, 12-month summation, for emissions units K007, K008, K009, and K010, combined, exceeded 1303.6 tons, and the actual VOC emissions for each such month.
4. The permittee shall submit quarterly deviation (excursion) reports that include an identification of each day

during which the daily VOC emissions, in lbs, for emissions units K007, K008, K009, and K010, combined, exceeded 11,532 lbs, and the actual daily VOC emissions for each such day.

5. 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.
6. The quarterly deviation reports shall be submitted in accordance with the requirements specified in Part I - General Term and Condition A.1.c.ii.

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V. **Testing Requirements**

1. Compliance with the emission limitations in sections A.I.1 and A.I.2 of these terms and conditions shall be determined in accordance with the following methods:

a. Emission Limitation:

Visible particulate emissions shall not exceed 20% opacity as a 6-minute average, except as provided by the rule.

Applicable Compliance Method:

If required, compliance shall be demonstrated based upon visible particulate emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9 and the procedures specified in OAC rule 3745-17-03(B)(1).

b. Emission Limitation:

1.4 lbs/hr of particulate emissions

Applicable Compliance Method:

To determine the actual worst case emission rate for particulates, the following equation may be used:

$$E = (M) * (1-TE) * (1-CE)$$

where:

E = particulate matter emission rate (lbs/hr),

M = maximum coating solids usage rate (lbs/hr),

TE = transfer efficiency of coating equipment (ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used, 0.35 for air spray guns),

CE = control efficiency of the control equipment (31.6% for the double frame filters; 98% for the water wash). If more than one piece of control equipment is used in series, the equation should be multiplied by additional (1-CE) terms for each additional piece of equipment.

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with the methods and procedures specified in OAC rule 3745-17-03(B)(10). Alternate, USEPA-approved methods may be used upon approval by the Toledo Division of Environmental Services.

c. Emission Limitation:

15.1 pounds of VOC per gallon of deposited solids

Applicable Compliance Method:

Compliance shall be demonstrated based upon the monitoring and record keeping requirements specified in section A.III.

d. Emission Limitation:

The VOC emissions from emissions units K007, K008, K009, and K010, combined, shall not exceed 11,532 lbs/day.

Applicable Compliance Method:

Compliance shall be demonstrated based upon the monitoring and record keeping requirements specified in section A.III.

e. Emission Limitation:

The VOC emissions from emissions units K007, K008, K009, and K010, combined, shall not exceed 1303.6 tons per rolling, 12-month period.

Applicable Compliance Method:

Compliance shall be demonstrated based upon the record keeping requirements specified in section A.III.

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0448010413 Emissions Unit ID: K010 Issuance type: Title V Proposed 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: 0448010413 Emissions Unit ID: K037 Issuance type: Title V Proposed 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>
miscellaneous sealers and adhesives	OAC rule 3745-21-09(U)(1)(d), (U)(3)	3.5 pounds of volatile organic compounds (VOC) per gallon of coating, excluding water and exempt solvents
glass adhesion body primer coating	OAC rule 3745-21-09(U)(1)(g)	4.9 pounds of VOC per gallon of coating, excluding water and exempt solvents

2. Additional Terms and Conditions

- (a) None

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II. Operational Restrictions

1. None

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III. Monitoring and/or Record Keeping Requirements

1. When using complying coatings for the miscellaneous sealers and adhesives or the glass adhesion body primer, the permittee shall collect and record the following information each month for this emissions unit:
 - a. the name and identification number of each coating, as applied; and
 - b. the VOC content of each coating (excluding water and exempt solvents), as applied.

Alternate, equivalent record keeping methods may be used upon written approval by the Toledo Division of Environmental Services.

2. When calculating a daily volume-weighted average VOC content for the miscellaneous sealers and adhesives or the glass adhesion body primer, the permittee shall collect and record the following information each day for this emissions unit:
 - a. the name and identification number of each coating, as applied;
 - b. the VOC content (excluding water and exempt solvents) and the number of gallons (excluding water and exempt solvents) of each coating, as applied; and
 - c. the volume-weighted average VOC content of all coatings, as applied, calculated in accordance with the equation specified in paragraph (B)(9) of OAC rule 3745-21-10 for CVOC₂.

The permittee shall notify the Toledo Division of Environmental Services, in advance, when daily averaging will be used instead of monthly record keeping. Alternate, equivalent record keeping methods may be used upon written approval by the Toledo Division of Environmental Services.

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IV. Reporting Requirements

1. When using complying coatings for the miscellaneous sealers and adhesives or the glass adhesion body primer, the permittee shall notify the Toledo Division of Environmental Services in writing of any monthly record showing the use of noncomplying coatings. The notification shall include a copy of such record and shall be sent to the Director (the appropriate Ohio EPA District Office or local air agency) within 30 days following the end of the calendar month.

2. When calculating a daily volume-weighted average VOC content for the miscellaneous sealers and adhesives or the glass adhesion body primer, the permittee shall notify the Toledo Division of Environmental Services in writing of any record showing that the daily volume-weighted average VOC content exceeds the applicable limitation. The notification shall include a copy of such record and shall be sent to the Toledo Division of Environmental Services within 45 days after the exceedance occurs.

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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:

3.5 pounds of VOC per gallon of coating, excluding water and exempt solvents, when employing miscellaneous sealers and adhesives

Applicable Compliance Method:

Compliance shall be demonstrated based upon the record keeping requirements as specified in sections A.III.1, A.III.2, and OAC rules 3745-21-09(C)(2), (C)(3), (C)(4), and OAC rule 3745-21-10(B).
 - b. Emission Limitation:

4.9 pounds VOC per gallon of coating, excluding water and exempt solvents, when employing a glass adhesion body primer coating

Applicable Compliance Method:

Compliance shall be demonstrated based upon the record keeping requirements as specified in sections A.III.1 and A.III.2, and OAC rules 3745-21-09(C)(2), (C)(3), (C)(4), and OAC rule 3745-21-10(B).

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0448010413 Emissions Unit ID: K037 Issuance type: Title V Proposed 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: 0448010413 Emissions Unit ID: P021 Issuance type: Title V Proposed 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>
miscellaneous solvents	OAC rule 3745-21-07(G)(2)	See A.I.2.a below.
2. Additional Terms and Conditions		
a. This emissions unit does not currently employ photochemically reactive materials as defined in OAC rule 3745-21-01(C)(5). This emissions unit is exempt from the emission limitations/control requirements specified in OAC rule 3745-21-07(G)(2) on any day during which only non-photochemically reactive materials are employed.		
(a) On any day during which photochemically reactive materials are employed in this emissions unit, the organic compound (OC) emissions shall not exceed 8 lbs/hr and 40 lbs/day.		

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II. **Operational Restrictions**

1. None

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

1. The permittee shall collect and record the following information for each day:
 - a. the company identification of each organic material employed in this emissions unit;
 - b. a record for each organic material employed, indicating whether or not the organic material is a photochemically reactive material;
 - c. the number of gallons of each organic material employed;
 - d. the OC content of each organic material, in pounds per gallon;
 - e. for each day during which a photochemically reactive material is employed, the total organic compound emission rate for all organic materials, in pounds per day;
 - f. for each day during which a photochemically reactive material is employed, the total number of hours the emissions unit was in operation; and
 - g. for each day during which a photochemically reactive material is employed, the average hourly organic compound emission rate for all organic materials, i.e., (e)/(f), in pounds per hour (average).

[Note: The coating information must be for the coatings as employed, including any thinning solvents added at the emissions unit. Also, the definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]

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IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that include the following information:
 - a. for the days during which a photochemically reactive material was employed, an identification of each day during which the average hourly OC emissions from the coatings and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly OC emissions for each such day; and
 - b. for the days during which a photochemically reactive material was employed, an identification of each day during which the OC emissions from the coatings and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual OC emissions for each such day.

The deviation reports shall be submitted in accordance with the reporting requirements specified in Part I - General Term and Condition A.1.c.ii.

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V. Testing Requirements

1. Compliance with the emission limitations in section A.1.2 of these terms and conditions shall be determined in accordance with the following method:
 - a. Emission Limitations:
8 lbs of OC/hr and 40 lbs of OC/day

Applicable Compliance Method:
Compliance with these emission limitations may be determined based upon the records required pursuant to section A.III.

If required, the permittee shall demonstrate compliance with the hourly OC emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 25.

The permittee shall use formulation data to determine the OC content of each organic material employed in this emissions unit.

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VI. Miscellaneous Requirements

1. None

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Facility ID: 0448010413 Emissions Unit ID: P021 Issuance type: Title V Proposed 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: 0448010413 Emissions Unit ID: P022 Issuance type: Title V Proposed 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.

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>
purge and booth cleaning solvents	OAC rule 3745-31-05(D) (PTI 04-585)	914 tons of volatile organic compound (VOC) emissions per rolling, 12-month period Netting limitations were established by PTI 04-585 as issued on June 7, 1991.

2. **Additional Terms and Conditions**

(a) None

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II. **Operational Restrictions**

1. None

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

1. The permittee shall collect and record the following information for each month for the materials used for purge and booth cleaning:
 - a. the company identification for each material employed;
 - b. the number of gallons of each material employed;
 - c. the VOC content of each material employed, in lbs/gallon;
 - d. the total VOC emissions for all materials employed, in lbs; and
 - e. the total VOC emissions as a rolling, 12-month summation for all materials employed, in tons.

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IV. **Reporting Requirements**

1. The permittee shall submit quarterly deviation (excursion) reports that include an identification of each month during which the rolling, 12-month summation of VOC emissions exceeded 914 tons, and the actual VOC emissions for each such month.
2. The quarterly deviation reports shall be submitted in accordance with the requirements specified in Part I - General Term and Condition A.1.c.ii.

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V. **Testing Requirements**

1. Compliance with the emission limitation in section A.I.1 of these terms and conditions shall be determined in accordance with the following method:
 - a. Emission Limitation:

914 tons of VOC per rolling, 12-month period

Applicable Compliance Method:

Compliance shall be demonstrated based upon the record keeping requirements specified in section A.III.1.

Formulation data or USEPA Method 24 shall be used to determine the VOC contents of the cleanup materials.

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0448010413 Emissions Unit ID: P022 Issuance type: Title V Proposed 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