

Facility ID: 0857040304 Issuance type: Final State Permit To Operate

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

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

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

- [Go to Part II for Emissions Unit T001](#)
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Facility ID: 0857040304 Emissions Unit ID: T001 Issuance type: Final State Permit To Operate

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Part II - Special Terms and Conditions

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

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

A. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
T001 - 20,000 gallon Underground Fuel Storage Tank #1	OAC rule 3745-31-05 (A)(3) PTI 08-04120	< 0.01 TPY OC. See Section B.1. The requirements of this rule also include compliance with the requirements of OAC rules 3745-21-09 (L) (2), 3745-35-07(B), and 40 CFR Part 60, Subpart Kb. See Section C.1.
	40 CFR Part 60, Subpart Kb OAC rule 3745-21-09 (L)(2)	Fixed roof tank with a capacity less than 40,000 gallons. See Sections A.2.a and B.2.
	OAC rule 3745-35-07(B) Synthetic Minor Restriction	

2. Additional Terms and Conditions

- (a) By way of limiting the fuel oil throughput of emissions units T001 - T005 combined (see Section B.2.) the sulfur dioxide emissions from this facility shall not exceed 79.52 TPY, as a rolling, 12-month summation. See Section B. for the attendant maximum % sulfur content requirement, and Section F. for the limitation on the facility-wide sulfur dioxide emissions from the identified combustion units.

B. Operational Restrictions

1. The tank shall be loaded by means of a submerged fill pipe, as defined in the OAC rule 3745-21-01 (C)(6) as any fill pipe with the discharge opening entirely submerged when the liquid level is six inches above the bottom of the tank.
2. In accordance with the synthetic minor provisions of OAC rule 3745-35-07 (B), the maximum No. 2 oil throughput for emissions units T001 - T005 combined shall not exceed 2,240,000 gallons based upon a rolling, 12-month summation of the No. 2 fuel oil throughout. Per term F.2 and the permittee has existing No. 2 fuel oil usage records, therefore, this emission unit does not need to be restricted the first year on a monthly No. 2 fuel oil usage basis.
3. The maximum sulfur content of the No. 2 fuel oil shall not exceed 0.5% by weight.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel for the life of the source.

2. The permittee shall maintain monthly records of the following information:
 - a. The No. 2 fuel oil throughput, in gallons, for each storage tank;
 - b. The No. 2 fuel oil throughput, in gallons, for emissions units T001 - T005 combined;
 - c. The rolling, 12-month summation of the No. 2 fuel oil throughput, and
 - d. The calculated SO₂ emission rates, as a rolling 12-month summation (see calculation methodology in Section E.1.c.).
 3. The permittee shall collect or require the oil supplier to collect a representative grab sample for each shipment of oil that is received for this emissions unit. The permittee shall perform or require the supplier to perform the analyses for sulfur content and heat content in accordance with the 40 CFR Part 60, Appendix A, Method 19, or the appropriate ASTM methods (such as, ASTM methods D240 and D4294). Alternative, equivalent methods may be used upon written approval by the appropriate Ohio EPA District Office or local air agency.
- D. Reporting Requirements**
1. The permittee shall submit deviation (excursion) reports which identify all exceedances of the rolling, 12-month fuel throughput limitation; and the rolling, 12-month, SO₂ emission limitation. These reports are due by the date described in Part I - General Terms and Conditions of this permit under Section A.1.
 2. The permittee shall submit quarterly deviation (excursion) reports in accordance with Section A.2 of Part I - General Terms and Conditions of this permit, which identify each shipment of oil that has a sulfur content greater than 0.5% by weight, the actual sulfur content of that oil shipment, and the quantity of oil with a sulfur content greater than 0.5% by weight.
- E. Testing Requirements**
1. Compliance with the emission limitation in Section A.1. of these terms and conditions shall be determined in accordance with the following methods:
Emission Limitation -

< 0.01 TPY OC

Applicable Compliance Method -

Compliance shall be based upon record keeping as specified in Section C.2. and demonstrated by using the "TANKS 3.1" software program written by the USEPA.
Emission Limitation -

2,240,000 gallons/year throughput limitation as a rolling, 12-month summation for the emissions units T001 - T005 combined

Applicable Compliance Method -

Compliance shall be based upon record keeping as specified in Section C.2.
Emission Limitation -

79.52 TPY SO₂ as a rolling, 12-month summation for emissions units B001 - B006 and B016 - B024 combined

Applicable Compliance Method -

Compliance shall be based upon record keeping as specified in Section C.2. and shall be the summation of the 12-monthly gallon throughput from emissions units T001 - T005 multiplied by the AP-42 Table 1.3-1 (9/98) emission factor of 0.071 lb SO₂/gal No. 2 fuel oil and dividing by 2,000 lbs/ton.
- F. Miscellaneous Requirements**
1. The permittee operates the following fuel burning equipment and emergency electrical generators:
 - B001 - 6.3 MMBTU/hr natural gas/No. 2 fuel oil boiler, S.W. Boiler #1
 - B002 - 6.3 MMBTU/hr natural gas/No. 2 fuel oil boiler, S.W. Boiler #2
 - B003 - 6.3 MMBTU/hr natural gas/No. 2 fuel oil boiler, S.W. Boiler #3
 - B004 - 6.3 MMBTU/hr natural gas/No. 2 fuel oil boiler, S.W. Boiler #4
 - B005 - 6.3 MMBTU/hr natural gas/No. 2 fuel oil boiler, S.W. Boiler #5
 - B006 - 6.3 MMBTU/hr natural gas/No. 2 fuel oil boiler, S.W. Boiler #6
 - B016 - 6.3 MMBTU/hr natural gas/No. 2 fuel oil boiler, S.W. Boiler #7
 - B017 - 6.3 MMBTU/hr natural gas/No. 2 fuel oil boiler, S.W. Boiler #8
 - B018 - 8.8 MMBTU/hr natural gas/No. 2 fuel oil boiler, N.W. Boiler #1
 - B019 - 1.6 MMBTU/hr natural gas/No. 2 fuel oil boiler, N.W. Boiler #2
 - B020 - 8.4 MMBTU/hr natural gas/No. 2 fuel oil boiler, W.P. Boiler #1
 - B021 - 8.4 MMBTU/hr natural gas/No. 2 fuel oil boiler, W.P. Boiler #2
 - B022 - 8.4 MMBTU/hr natural gas/No. 2 fuel oil boiler, W.P. Boiler #3
 - B023 - 2520 HP Diesel Engine, Emergency Generator #1
 - B024 - 2520 HP Diesel Engine, Emergency Generator #2

Note emissions units B001 thru B022 are permanent exemption air contaminant sources and both emissions units B023 and B024 are permit-by-rule exempt air contaminant sources per OAC rule 3745-31-03 and therefore the permittee does not have any permits to install for these air contaminant sources, but shall comply with all applicable rules and regulations.
 2. The quality of the oil burned in the emissions units listed in Section F.1 shall meet a sulfur content that is sufficient to comply with the limitation specified in Section B above. For each shipment of oil received for burning in the emissions units, the permittee shall maintain records of the total quantity of oil received, and the permittee's or supplier's analyses for sulfur content and heat content as specified in Section C.

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Facility ID: 0857040304 Emissions Unit ID: T002 Issuance type: Final State Permit To Operate

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Part II - Special Terms and Conditions

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

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

A. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
T002 - 20,000 gallon Underground Fuel Storage Tank #2	OAC rule 3745-31-05 (A)(3) PTI 08-04120	< 0.01 TPY OC. See Section B.1. The requirements of this rule also include compliance with the requirements of OAC rules 3745-21-09 (L) (2), 3745-35-07(B), and 40 CFR Part 60, Subpart Kb. See Section C.1.
	40 CFR Part 60, Subpart Kb OAC rule 3745-21-09 (L)(2) OAC rule 3745-35-07(B) Synthetic Minor Restriction	Fixed roof tank with a capacity less than 40,000 gallons. See Sections A.2.a and B.2.

2. **Additional Terms and Conditions**
 - (a) By way of limiting the fuel oil throughput of emissions units T001 - T005 combined (see Section B.2.) the sulfur dioxide emissions from this facility shall not exceed 79.52 TPY, as a rolling, 12-month summation. See Section B. for the attendant maximum % sulfur content requirement, and Section F. for the limitation on the facility-wide sulfur dioxide emissions from the identified combustion units.

B. Operational Restrictions

1. The tank shall be loaded by means of a submerged fill pipe, as defined in the OAC rule 3745-21-01 (C)(6) as any fill pipe with the discharge opening entirely submerged when the liquid level is six inches above the bottom of the tank.
2. In accordance with the synthetic minor provisions of OAC rule 3745-35-07 (B), the maximum No. 2 oil throughput for emissions units T001 - T005 combined shall not exceed 2,240,000 gallons based upon a rolling, 12-month summation of the No. 2 fuel oil throughput. Per term F.2 and the permittee has existing No. 2 fuel oil usage records, therefore, this emission unit does not need to be restricted the first year on a monthly No. 2 fuel oil usage basis.
3. The maximum sulfur content of the No. 2 fuel oil shall not exceed 0.5% by weight.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel for the life of the source.
2. The permittee shall maintain monthly records of the following information:
 - a. The No. 2 fuel oil throughput, in gallons, for each storage tank;
 - b. The No. 2 fuel oil throughput, in gallons, for emissions units T001 - T005 combined;
 - c. The rolling, 12-month summation of the No. 2 fuel oil throughput, and
 - d. The calculated SO2 emission rates, as a rolling 12-month summation (see calculation methodology in

Section E.1.c.)

3. The permittee shall collect or require the oil supplier to collect a representative grab sample for each shipment of oil that is received for this emissions unit. The permittee shall perform or require the supplier to perform the analyses for sulfur content and heat content in accordance with the 40 CFR Part 60, Appendix A, Method 19, or the appropriate ASTM methods (such as, ASTM methods D240 and D4294). Alternative, equivalent methods may be used upon written approval by the appropriate Ohio EPA District Office or local air agency.

D. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which identify all exceedances of the rolling, 12-month fuel throughput limitation; and the rolling, 12-month, SO₂ emission limitation. These reports are due by the date described in Part I - General Terms and Conditions of this permit under Section A.1.
2. The permittee shall submit quarterly deviation (excursion) reports in accordance with Section A.2 of Part I - General Terms and Conditions of this permit, which identify each shipment of oil that has a sulfur content greater than 0.5% by weight, the actual sulfur content of that oil shipment, and the quantity of oil with a sulfur content greater than 0.5% by weight.

E. Testing Requirements

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

< 0.01 TPY OC

Applicable Compliance Method -

Compliance shall be based upon record keeping as specified in Section C.2. and demonstrated by using the "TANKS 3.1" software program written by the USEPA.
Emission Limitation -

2,240,000 gallons/year throughput limitation as a rolling, 12-month summation for the emissions units T001 - T005 combined

Applicable Compliance Method -

Compliance shall be based upon record keeping as specified in Section C.2.
Emission Limitation -

79.52 TPY SO₂ as a rolling, 12-month summation for emissions units B001 - B006 and B016 - B024 combined

Applicable Compliance Method -

Compliance shall be based upon record keeping as specified in Section C.2. and shall be the summation of the 12-monthly gallon throughput from emissions units T001 - T005 multiplied by the AP-42 Table 1.3-1 (9/98) emission factor of 0.071 lb SO₂/gal No. 2 fuel oil and dividing by 2,000 lbs/ton.

F. Miscellaneous Requirements

1. The permittee operates the following fuel burning equipment and emergency electrical generators:

B001 - 6.3 MMBTU/hr natural gas/No. 2 fuel oil boiler, S.W. Boiler #1
B002 - 6.3 MMBTU/hr natural gas/No. 2 fuel oil boiler, S.W. Boiler #2
B003 - 6.3 MMBTU/hr natural gas/No. 2 fuel oil boiler, S.W. Boiler #3
B004 - 6.3 MMBTU/hr natural gas/No. 2 fuel oil boiler, S.W. Boiler #4
B005 - 6.3 MMBTU/hr natural gas/No. 2 fuel oil boiler, S.W. Boiler #5
B006 - 6.3 MMBTU/hr natural gas/No. 2 fuel oil boiler, S.W. Boiler #6
B016 - 6.3 MMBTU/hr natural gas/No. 2 fuel oil boiler, S.W. Boiler #7
B017 - 6.3 MMBTU/hr natural gas/No. 2 fuel oil boiler, S.W. Boiler #8
B018 - 8.8 MMBTU/hr natural gas/No. 2 fuel oil boiler, N.W. Boiler #1
B019 - 1.6 MMBTU/hr natural gas/No. 2 fuel oil boiler, N.W. Boiler #2
B020 - 8.4 MMBTU/hr natural gas/No. 2 fuel oil boiler, W.P. Boiler #1
B021 - 8.4 MMBTU/hr natural gas/No. 2 fuel oil boiler, W.P. Boiler #2
B022 - 8.4 MMBTU/hr natural gas/No. 2 fuel oil boiler, W.P. Boiler #3
B023 - 2520 HP Diesel Engine, Emergency Generator #1
B024 - 2520 HP Diesel Engine, Emergency Generator #2

Note emissions units B001 thru B022 are permanent exemption air contaminant sources and both emissions units B023 and B024 are permit-by-rule exempt air contaminant sources per OAC rule 3745-31-03 and therefore the permittee does not have any permits to install for these air contaminant sources, but shall comply with all applicable rules and regulations.
2. The quality of the oil burned in the emissions units listed in Section F.1 shall meet a sulfur content that is sufficient to comply with the limitation specified in Section B above. For each shipment of oil received for burning in the emissions units, the permittee shall maintain records of the total quantity of oil received, and the permittee's or supplier's analyses for sulfur content and heat content as specified in Section C.

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Facility ID: 0857040304 Emissions Unit ID: T003 Issuance type: Final State Permit To Operate

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Part II - Special Terms and Conditions

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

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

A. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
T003 - 20,000 gallon Underground Fuel Storage Tank #3	OAC rule 3745-31-05 (A)(3) PTI 08-04120	< 0.01 TPY OC. See Section B.1. The requirements of this rule also include compliance with the requirements of OAC rules 3745-21-09 (L) (2), 3745-35-07(B), and 40 CFR Part 60, Subpart Kb. See Section C.1.
	40 CFR Part 60, Subpart Kb	Fixed roof tank with a capacity less than 40,000 gallons.
	OAC rule 3745-21-09 (L)(2)	See Sections A.2.a and B.2.
	OAC rule 3745-35-07(B) Synthetic Minor Restriction	

2. **Additional Terms and Conditions**
 - (a) By way of limiting the fuel oil throughput of emissions units T001 - T005 combined (see Section B.2.) the sulfur dioxide emissions from this facility shall not exceed 79.52 TPY, as a rolling, 12-month summation. See Section B. for the attendant maximum % sulfur content requirement, and Section F. for the limitation on the facility-wide sulfur dioxide emissions from the identified combustion units.

B. Operational Restrictions

1. The tank shall be loaded by means of a submerged fill pipe, as defined in the OAC rule 3745-21-01 (C)(6) as any fill pipe with the discharge opening entirely submerged when the liquid level is six inches above the bottom of the tank.
2. In accordance with the synthetic minor provisions of OAC rule 3745-35-07 (B), the maximum No. 2 oil throughput for emissions units T001 - T005 combined shall not exceed 2,240,000 gallons based upon a rolling, 12-month summation of the No. 2 fuel oil throughout. Per term F.2 and the permittee has existing No. 2 fuel oil usage records, therefore, this emission unit does not need to be restricted the first year on a monthly No. 2 fuel oil usage basis.
3. The maximum sulfur content of the No. 2 fuel oil shall not exceed 0.5% by weight.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel for the life of the source.
2. The permittee shall maintain monthly records of the following information:
 - a. The No. 2 fuel oil throughput, in gallons, for each storage tank;
 - b. The No. 2 fuel oil throughput, in gallons, for emissions units T001 - T005 combined;
 - c. The rolling, 12-month summation of the No. 2 fuel oil throughput, and
 - d. The calculated SO2 emission rates, as a rolling 12-month summation (see calculation methodology in Section E.1.c.).
3. The permittee shall collect or require the oil supplier to collect a representative grab sample for each shipment of oil that is received for this emissions unit. The permittee shall perform or require the supplier to perform the analyses for sulfur content and heat content in accordance with the 40 CFR Part 60, Appendix A, Method 19, or the appropriate ASTM methods (such as, ASTM methods D240 and D4294). Alternative, equivalent methods may be used upon written approval by the appropriate Ohio EPA District Office or local air agency.

D. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which identify all exceedances of the rolling, 12-month fuel throughput limitation; and the rolling, 12-month, SO₂ emission limitation. These reports are due by the date described in Part I - General Terms and Conditions of this permit under Section A.1.
 2. The permittee shall submit quarterly deviation (excursion) reports in accordance with Section A.2 of Part I - General Terms and Conditions of this permit, which identify each shipment of oil that has a sulfur content greater than 0.5% by weight, the actual sulfur content of that oil shipment, and the quantity of oil with a sulfur content greater than 0.5% by weight.
- E. Testing Requirements**
1. Compliance with the emission limitation in Section A.1. of these terms and conditions shall be determined in accordance with the following methods:
Emission Limitation -

< 0.01 TPY OC

Applicable Compliance Method -

Compliance shall be based upon record keeping as specified in Section C.2. and demonstrated by using the "TANKS 3.1" software program written by the USEPA.
Emission Limitation -

2,240,000 gallons/year throughput limitation as a rolling, 12-month summation for the emissions units T001 - T005 combined

Applicable Compliance Method -

Compliance shall be based upon record keeping as specified in Section C.2.
Emission Limitation -

79.52 TPY SO₂ as a rolling, 12-month summation for emissions units B001 - B006 and B016 - B024 combined

Applicable Compliance Method -

Compliance shall be based upon record keeping as specified in Section C.2. and shall be the summation of the 12-monthly gallon throughput from emissions units T001 - T005 multiplied by the AP-42 Table 1.3-1 (9/98) emission factor of 0.071 lb SO₂/gal No. 2 fuel oil and dividing by 2,000 lbs/ton.

F. Miscellaneous Requirements

1. The permittee operates the following fuel burning equipment and emergency electrical generators:

B001 - 6.3 MMBTU/hr natural gas/No. 2 fuel oil boiler, S.W. Boiler #1
B002 - 6.3 MMBTU/hr natural gas/No. 2 fuel oil boiler, S.W. Boiler #2
B003 - 6.3 MMBTU/hr natural gas/No. 2 fuel oil boiler, S.W. Boiler #3
B004 - 6.3 MMBTU/hr natural gas/No. 2 fuel oil boiler, S.W. Boiler #4
B005 - 6.3 MMBTU/hr natural gas/No. 2 fuel oil boiler, S.W. Boiler #5
B006 - 6.3 MMBTU/hr natural gas/No. 2 fuel oil boiler, S.W. Boiler #6
B016 - 6.3 MMBTU/hr natural gas/No. 2 fuel oil boiler, S.W. Boiler #7
B017 - 6.3 MMBTU/hr natural gas/No. 2 fuel oil boiler, S.W. Boiler #8
B018 - 8.8 MMBTU/hr natural gas/No. 2 fuel oil boiler, N.W. Boiler #1
B019 - 1.6 MMBTU/hr natural gas/No. 2 fuel oil boiler, N.W. Boiler #2
B020 - 8.4 MMBTU/hr natural gas/No. 2 fuel oil boiler, W.P. Boiler #1
B021 - 8.4 MMBTU/hr natural gas/No. 2 fuel oil boiler, W.P. Boiler #2
B022 - 8.4 MMBTU/hr natural gas/No. 2 fuel oil boiler, W.P. Boiler #3
B023 - 2520 HP Diesel Engine, Emergency Generator #1
B024 - 2520 HP Diesel Engine, Emergency Generator #2

Note emissions units B001 thru B022 are permanent exemption air contaminant sources and both emissions units B023 and B024 are permit-by-rule exempt air contaminant sources per OAC rule 3745-31-03 and therefore the permittee does not have any permits to install for these air contaminant sources, but shall comply with all applicable rules and regulations.
2. The quality of the oil burned in the emissions units listed in Section F.1 shall meet a sulfur content that is sufficient to comply with the limitation specified in Section B above. For each shipment of oil received for burning in the emissions units, the permittee shall maintain records of the total quantity of oil received, and the permittee's or supplier's analyses for sulfur content and heat content as specified in Section C.

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Facility ID: 0857040304 Emissions Unit ID: T004 Issuance type: Final State Permit To Operate

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Part II - Special Terms and Conditions

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

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

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

A. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
T004 - 20,000 gallon Underground Fuel Storage Tank #4	OAC rule 3745-31-05 (A)(3) PTI 08-04120	< 0.01 TPY OC. See Section B.1. The requirements of this rule also include compliance with the requirements of OAC rules 3745-21-09 (L) (2), 3745-35-07(B), and 40 CFR Part 60, Subpart Kb. See Section C.1.
	40 CFR Part 60, Subpart Bb	Fixed roof tank with a capacity less than 40,000 gallons.
	OAC rule 3745-21-09 (L)(2)	See Sections A.2.a and B.2.
	OAC rule 3745-35-07(B) Synthetic Minor Restriction	

2. Additional Terms and Conditions

- (a) By way of limiting the fuel oil throughput of emissions units T001 - T005 combined (see Section B.2.) the sulfur dioxide emissions from this facility shall not exceed 79.52 TPY, as a rolling, 12-month summation. See Section B. for the attendant maximum % sulfur content requirement, and Section F. for the limitation on the facility-wide sulfur dioxide emissions from the identified combustion units.

B. Operational Restrictions

1. The tank shall be loaded by means of a submerged fill pipe, as defined in the OAC rule 3745-21-01 (C)(6) as any fill pipe with the discharge opening entirely submerged when the liquid level is six inches above the bottom of the tank.
2. In accordance with the synthetic minor provisions of OAC rule 3745-35-07 (B), the maximum No. 2 oil throughput for emissions units T001 - T005 combined shall not exceed 2,240,000 gallons based upon a rolling, 12-month summation of the No. 2 fuel oil throughout. Per term F.2 and the permittee has existing No. 2 fuel oil usage records, therefore, this emission unit does not need to be restricted the first year on a monthly No. 2 fuel oil usage basis.
3. The maximum sulfur content of the No. 2 fuel oil shall not exceed 0.5% by weight.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel for the life of the source.
2. The permittee shall maintain monthly records of the following information:
 - a. The No. 2 fuel oil throughput, in gallons, for each storage tank;
 - b. The No. 2 fuel oil throughput, in gallons, for emissions units T001 - T005 combined;
 - c. The rolling, 12-month summation of the No. 2 fuel oil throughput, and
 - d. The calculated SO2 emission rates, as a rolling 12-month summation (see calculation methodology in Section E.1.c.).
3. The permittee shall collect or require the oil supplier to collect a representative grab sample for each shipment of oil that is received for this emissions unit. The permittee shall perform or require the supplier to perform the analyses for sulfur content and heat content in accordance with the 40 CFR Part 60, Appendix A, Method 19, or the appropriate ASTM methods (such as, ASTM methods D240 and D4294). Alternative, equivalent methods may be used upon written approval by the appropriate Ohio EPA District Office or local air agency.

D. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which identify all exceedances of the rolling, 12-month fuel throughput limitation; and the rolling, 12-month, SO2 emission limitation. These reports are due by the date described in Part I - General Terms and Conditions of this permit under Section A.1.
2. The permittee shall submit quarterly deviation (excursion) reports in accordance with Section A.2 of Part I - General Terms and Conditions of this permit, which identify each shipment of oil that has a sulfur content greater than 0.5% by weight, the actual sulfur content of that oil shipment, and the quantity of oil with a sulfur content greater than 0.5% by weight.

E. Testing Requirements

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

< 0.01 TPY OC

Applicable Compliance Method -

Compliance shall be based upon record keeping as specified in Section C.2. and demonstrated by using the "TANKS 3.1" software program written by the USEPA.
Emission Limitation -

2,240,000 gallons/year throughput limitation as a rolling, 12-month summation for the emissions units T001 - T005 combined

Applicable Compliance Method -

Compliance shall be based upon record keeping as specified in Section C.2.
Emission Limitation -

79.52 TPY SO₂ as a rolling, 12-month summation for emissions units B001 - B006 and B016 - B024 combined

Applicable Compliance Method -

Compliance shall be based upon record keeping as specified in Section C.2. and shall be the summation of the 12-monthly gallon throughput from emissions units T001 - T005 multiplied by the AP-42 Table 1.3-1 (9/98) emission factor of 0.071 lb SO₂/gal No. 2 fuel oil and dividing by 2,000 lbs/ton.

F. Miscellaneous Requirements

1. The permittee operates the following fuel burning equipment and emergency electrical generators:
 - B001 - 6.3 MMBTU/hr natural gas/No. 2 fuel oil boiler, S.W. Boiler #1
 - B002 - 6.3 MMBTU/hr natural gas/No. 2 fuel oil boiler, S.W. Boiler #2
 - B003 - 6.3 MMBTU/hr natural gas/No. 2 fuel oil boiler, S.W. Boiler #3
 - B004 - 6.3 MMBTU/hr natural gas/No. 2 fuel oil boiler, S.W. Boiler #4
 - B005 - 6.3 MMBTU/hr natural gas/No. 2 fuel oil boiler, S.W. Boiler #5
 - B006 - 6.3 MMBTU/hr natural gas/No. 2 fuel oil boiler, S.W. Boiler #6
 - B016 - 6.3 MMBTU/hr natural gas/No. 2 fuel oil boiler, S.W. Boiler #7
 - B017 - 6.3 MMBTU/hr natural gas/No. 2 fuel oil boiler, S.W. Boiler #8
 - B018 - 8.8 MMBTU/hr natural gas/No. 2 fuel oil boiler, N.W. Boiler #1
 - B019 - 1.6 MMBTU/hr natural gas/No. 2 fuel oil boiler, N.W. Boiler #2
 - B020 - 8.4 MMBTU/hr natural gas/No. 2 fuel oil boiler, W.P. Boiler #1
 - B021 - 8.4 MMBTU/hr natural gas/No. 2 fuel oil boiler, W.P. Boiler #2
 - B022 - 8.4 MMBTU/hr natural gas/No. 2 fuel oil boiler, W.P. Boiler #3
 - B023 - 2520 HP Diesel Engine, Emergency Generator #1
 - B024 - 2520 HP Diesel Engine, Emergency Generator #2

Note emissions units B001 thru B022 are permanent exemption air contaminant sources and both emissions units B023 and B024 are permit-by-rule exempt air contaminant sources per OAC rule 3745-31-03 and therefore the permittee does not have any permits to install for these air contaminant sources, but shall comply with all applicable rules and regulations.
2. The quality of the oil burned in the emissions units listed in Section F.1 shall meet a sulfur content that is sufficient to comply with the limitation specified in Section B above. For each shipment of oil received for burning in the emissions units, the permittee shall maintain records of the total quantity of oil received, and the permittee's or supplier's analyses for sulfur content and heat content as specified in Section C.

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

Facility ID: 0857040304 Emissions Unit ID: T005 Issuance type: Final State Permit To Operate

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Part II - Special Terms and Conditions

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

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

A. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall

not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
T005 - 20,000 gallon Underground Fuel Storage Tank #5	OAC rule 3745-31-05 (A)(3) PTI 08-04120	< 0.01 TPY OC. See Section B.1. The requirements of this rule also include compliance with the requirements of OAC rules 3745-21-09 (L) (2), 3745-35-07(B), and 40 CFR Part 60, Subpart Kb. See Section C.1.
	40 CFR Part 60, Subpart Kb	Fixed roof tank with a capacity less than 40,000 gallons.
	OAC rule 3745-21-09 (L)(2)	See Sections A.2.a and B.2.
	OAC rule 3745-35-07(B) Synthetic Minor Restriction	
2. Additional Terms and Conditions		
(a) By way of limiting the fuel oil throughput of emissions units T001 - T005 combined (see Section B.2.) the sulfur dioxide emissions from this facility shall not exceed 79.52 TPY, as a rolling, 12-month summation. See Section B. for the attendant maximum % sulfur content requirement, and Section F. for the limitation on the facility-wide sulfur dioxide emissions from the identified combustion units.		
B. Operational Restrictions		
1. The tank shall be loaded by means of a submerged fill pipe, as defined in the OAC rule 3745-21-01 (C)(6) as any fill pipe with the discharge opening entirely submerged when the liquid level is six inches above the bottom of the tank.		
2. In accordance with the synthetic minor provisions of OAC rule 3745-35-07 (B), the maximum No. 2 oil throughput for emissions units T001 - T005 combined shall not exceed 2,240,000 gallons based upon a rolling, 12-month summation of the No. 2 fuel oil throughput. Per term F.2 and the permittee has existing No. 2 fuel oil usage records, therefore, this emission unit does not need to be restricted the first year on a monthly No. 2 fuel oil usage basis.		
3. The maximum sulfur content of the No. 2 fuel oil shall not exceed 0.5% by weight.		
C. Monitoring and/or Record Keeping Requirements		
1. The permittee shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel for the life of the source.		
2. The permittee shall maintain monthly records of the following information:		
a. The No. 2 fuel oil throughput, in gallons, for each storage tank;		
b. The No. 2 fuel oil throughput, in gallons, for emissions units T001 - T005 combined;		
c. The rolling, 12-month summation of the No. 2 fuel oil throughput, and		
d. The calculated SO2 emission rates, as a rolling 12-month summation (see calculation methodology in Section E.1.c.).		
3. The permittee shall collect or require the oil supplier to collect a representative grab sample for each shipment of oil that is received for this emissions unit. The permittee shall perform or require the supplier to perform the analyses for sulfur content and heat content in accordance with the 40 CFR Part 60, Appendix A, Method 19, or the appropriate ASTM methods (such as, ASTM methods D240 and D4294). Alternative, equivalent methods may be used upon written approval by the appropriate Ohio EPA District Office or local air agency.		
D. Reporting Requirements		
1. The permittee shall submit deviation (excursion) reports which identify all exceedances of the rolling, 12-month fuel throughput limitation; and the rolling, 12-month, SO2 emission limitation. These reports are due by the date described in Part I - General Terms and Conditions of this permit under Section A.1.		
2. The permittee shall submit quarterly deviation (excursion) reports in accordance with Section A.2 of Part I - General Terms and Conditions of this permit, which identify each shipment of oil that has a sulfur content greater than 0.5% by weight, the actual sulfur content of that oil shipment, and the quantity of oil with a sulfur content greater than 0.5% by weight.		
E. Testing Requirements		
1. Compliance with the emission limitation in Section A.1. of these terms and conditions shall be determined in accordance with the following methods:		
Emission Limitation -		
< 0.01 TPY OC		
Applicable Compliance Method -		
Compliance shall be based upon record keeping as specified in Section C.2. and demonstrated by using the		

"TANKS 3.1" software program written by the USEPA.
Emission Limitation -

2,240,000 gallons/year throughput limitation as a rolling, 12-month summation for the emissions units T001 - T005 combined

Applicable Compliance Method -

Compliance shall be based upon record keeping as specified in Section C.2.
Emission Limitation -

79.52 TPY SO₂ as a rolling, 12-month summation for emissions units B001 - B006 and B016 - B024 combined

Applicable Compliance Method -

Compliance shall be based upon record keeping as specified in Section C.2. and shall be the summation of the 12-monthly gallon throughput from emissions units T001 - T005 multiplied by the AP-42 Table 1.3-1 (9/98) emission factor of 0.071 lb SO₂/gal No. 2 fuel oil and dividing by 2,000 lbs/ton.

F. Miscellaneous Requirements

1. The permittee operates the following fuel burning equipment and emergency electrical generators:

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 B003 - 6.3 MMBTU/hr natural gas/No. 2 fuel oil boiler, S.W. Boiler #3
 B004 - 6.3 MMBTU/hr natural gas/No. 2 fuel oil boiler, S.W. Boiler #4
 B005 - 6.3 MMBTU/hr natural gas/No. 2 fuel oil boiler, S.W. Boiler #5
 B006 - 6.3 MMBTU/hr natural gas/No. 2 fuel oil boiler, S.W. Boiler #6
 B016 - 6.3 MMBTU/hr natural gas/No. 2 fuel oil boiler, S.W. Boiler #7
 B017 - 6.3 MMBTU/hr natural gas/No. 2 fuel oil boiler, S.W. Boiler #8
 B018 - 8.8 MMBTU/hr natural gas/No. 2 fuel oil boiler, N.W. Boiler #1
 B019 - 1.6 MMBTU/hr natural gas/No. 2 fuel oil boiler, N.W. Boiler #2
 B020 - 8.4 MMBTU/hr natural gas/No. 2 fuel oil boiler, W.P. Boiler #1
 B021 - 8.4 MMBTU/hr natural gas/No. 2 fuel oil boiler, W.P. Boiler #2
 B022 - 8.4 MMBTU/hr natural gas/No. 2 fuel oil boiler, W.P. Boiler #3
 B023 - 2520 HP Diesel Engine, Emergency Generator #1
 B024 - 2520 HP Diesel Engine, Emergency Generator #2

Note emissions units B001 thru B022 are permanent exemption air contaminant sources and both emissions units B023 and B024 are permit-by-rule exempt air contaminant sources per OAC rule 3745-31-03 and therefore the permittee does not have any permits to install for these air contaminant sources, but shall comply with all applicable rules and regulations.

2. The quality of the oil burned in the emissions units listed in Section F.1 shall meet a sulfur content that is sufficient to comply with the limitation specified in Section B above. For each shipment of oil received for burning in the emissions units, the permittee shall maintain records of the total quantity of oil received, and the permittee's or supplier's analyses for sulfur content and heat content as specified in Section C.