

Facility ID: 1677010399 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.

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

Facility ID: 1677010399 Emissions Unit ID: B001 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>
Hot water burner - waste oil fuels 3.8 mmBtu per hour	OAC rule 3745-31-05 (PTI 16-529)	0.4 pound of particulate matter per million Btu of actual heat input  0.04 lb/hr of lead See A.2.e below.
	OAC rule 3745-17-07	20% opacity as a 6-minute average, except as provided by rule
	OAC rule 3745-17-10	See. A.2.a below.

**2. Additional Terms and Conditions**

- (a) The emissions limit based on this applicable rule is equivalent or less stringent than the limit established pursuant to OAC rule 3745-31-05.  
 In accordance with OAC rule 3745-31-05(A)(2), the permittee shall comply with all applicable laws as defined in OAC rule 3745-31-01(F). Therefore, this air Permit to Operate shall not exempt Annaco, Inc. from any current or future regulations regarding the disposal or recycling of used oil.  
 For waste disposal, the permittee shall comply with any applicable state and federal requirements governing the storage, treatments, transport, and disposal of any waste material generated by the operation of the source.  
 Any representative of the Ohio EPA may require or may conduct periodic, detailed chemical analysis through an independent laboratory of any used oil storage tank located on the facility, or of any sample drawn at the process, employing used oil as fuel.  
 The 0.04 lb/hr of lead emission limitation was established for permit to install purposes to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with this limit.

**B. Operational Restrictions**

1. The permittee shall only burn recycled used oil that meets the following standards:
  - . Permit Allowable Contaminant/Property Concentrations
  - Arsenic 5 ppm, maximum
  - Cadmium 2 ppm, maximum
  - Chromium 10 ppm, maximum
  - Lead 100 ppm, maximum
  - PCBs 50 ppm, maximum
  - Total Halogens 1000 ppm, maximum
  - Mercury 1 ppm, maximum
  - Flash Point 100 degrees F, minimum
  - Heat Content 135,000 BTUs/gal, minimum
2. The permittee shall not burn more than 57 gallons of recovered waste oil per hour in the waste oil burner.
3. The waste oil burned in this emissions unit shall be limited to crank case oil, 90 weight gear oil, automatic transmissions fluid, and hydraulic oil generated, either by the facility's maintenance program of their vehicles or

the replacement of oil generated by vehicles of the general public.

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

1. The permittee shall have conducted a yearly chemical analysis of the waste oil. The analysis shall be conducted for the following:
  - a. the BTU value of the used oil
  - b. the flash point of the used oil
  - c. the arsenic content
  - d. the cadmium content
  - e. the chromium content
  - f. the lead content
  - g. the PCB content
  - h. the total halogen content
  - i. the barium content

Each analysis shall be kept for a minimum of three (3) years and shall be sent to the Akron Regional Air Quality Management District.
2. The permittee shall collect and record the following information each month:
  - a. the amount of recovered waste oil burned, in gallons;
  - b. the number of hours the emissions unit was in operation; and
  - c. the calculated average hourly amount of oil burned, ie., (a)/(b), in gallons of oil per hour (average).

**D. Reporting Requirements**

1. The facility shall notify U.S Environmental Protection Agency and the Ohio Environmental Protection Agency when the used oil being burned exceeds the used oil specifications contained in this permit. An exceedance would be considered a violation of OAC rule 3745-31-02.
2. The permittee shall submit deviation (excursion) reports that identify all periods of time during which the permittee burned more than 57 gallons of recovered waste oil per hour.
3. The deviation reports shall be submitted in accordance with the requirements specified in General Term and Condition 3.

**E. Testing Requirements**

1. The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:
  - a. the emission testing shall be conducted 6 months prior to permit renewal;
  - b. the emission testing shall be conducted to demonstrate compliance with the allowable mass emission rate for particulates;
  - c. the following test method shall be employed to demonstrate compliance with the allowable mass emission rate: for particulates, Method 5 of 40 CFR Part 60, Appendix A. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA; and
  - d. the test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the appropriate Ohio EPA District Office or local air agency.
2. Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the appropriate Ohio EPA District Office or local air agency. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA District Office's or local air agency's refusal to accept the results of the emission test(s).
3. Personnel from the appropriate Ohio EPA District Office or local air agency shall be permitted to witness the test (s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.
4. A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the appropriate Ohio EPA District Office or local air agency within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the appropriate Ohio EPA District Office or local air agency.
5. Compliance with the emission limitations in Section A.1 of these terms and conditions shall be determined in accordance with the following methods:

Emission Limitation:

0.4 pound of particulate matter per million Btu of actual heat input

Applicable Compliance Method:

Compliance shall be determined by emission testing in accordance with the test methods and procedures specified in OAC rule 3745-17-03.

Emission Limitation:

20% opacity as a 6-minute average

Applicable Compliance Method:

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

F. **Miscellaneous Requirements**

1. None