



State of Ohio Environmental Protection Agency

**RE: FINAL PERMIT TO INSTALL MODIFICATION
ALLEN COUNTY**

CERTIFIED MAIL

Street Address:

50 West Town Street, Suite 700

Lazarus Gov. Center TELE: (614) 644-3020 FAX: (614) 644-2329

Mailing Address:
Lazarus Gov. Center
P.O. Box 1049

Application No: 03-07545

Fac ID: 0302020012

DATE: 6/3/2008

Husky Lima Refinery
Tom Jettinghoff
1150 S. Metcalf Street
Lima, OH 45804

Enclosed Please find a modification to the Ohio EPA Permit To Install referenced above which will modify the terms and conditions.

You are hereby notified that this action of the Director is final and may be appealed to the Environmental Review Appeals Commission pursuant to Section 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. The appeal must be filed with the Commission within thirty (30) days after notice of the Director's action. The appeal must be accompanied by a filing fee of \$70.00 which the Commission, in its discretion, may reduce if by affidavit you demonstrate that payment of the full amount of the fee would cause extreme hardship. Notice of the filing of the appeal shall be filed with the Director within three (3) days of filing with the Commission. Ohio EPA requests that a copy of the appeal be served upon the Ohio Attorney General's Office, Environmental Enforcement Section. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission
309 South Fourth Street, Room 222
Columbus, OH 43215

Sincerely,

Michael W. Ahern, Manager
Permit Issuance and Data Management Section
Division of Air Pollution Control

CC: USEPA

NWDO



**Permit To Install
Terms and Conditions**

**Issue Date: 6/3/2008
Effective Date: 6/3/2008**

FINAL ADMINISTRATIVE MODIFICATION OF PERMIT TO INSTALL 03-07545

Application Number: 03-07545
Facility ID: 0302020012
Permit Fee: **\$650**
Name of Facility: Husky Lima Refinery
Person to Contact: Tom Jettinghoff
Address: 1150 S. Metcalf Street
Lima, OH 45804

Location of proposed air contaminant source(s) [emissions unit(s)]:

**1150 South Metcalf Street
Lima, Ohio**

Description of proposed emissions unit(s):

Change control device from thermal oxidizer to gas compressor for P025, T202, T203 and T204.

The above named entity is hereby granted a modification to the permit to install described above pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this modification does not constitute expressed or implied approval or agreement that, if constructed or modified in accordance with the plans included in the application, the above described source(s) of environmental pollutants will operate in compliance with applicable State and Federal laws and regulations, and does not constitute expressed or implied assurance that if constructed or modified in accordance with those plans included in the application, the above described source(s) of pollutants will be granted the necessary operating permits.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Chris Korleski
Director

Part I - GENERAL TERMS AND CONDITIONS

A. State and Federally Enforceable Permit-To-Install General Terms and Conditions

1. Monitoring and Related Recordkeeping and Reporting Requirements

- a. Except as may otherwise be provided in the terms and conditions for a specific emissions unit, the permittee shall maintain records that include the following, where applicable, for any required monitoring under this permit:
 - i. The date, place (as defined in the permit), and time of sampling or measurements.
 - ii. The date(s) analyses were performed.
 - iii. The company or entity that performed the analyses.
 - iv. The analytical techniques or methods used.
 - v. The results of such analyses.
 - vi. The operating conditions existing at the time of sampling or measurement.
- b. Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include, but not be limited to, all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. Such records may be maintained in computerized form.
- c. Except as may otherwise be provided in the terms and conditions for a specific emissions unit, the permittee shall submit required reports in the following manner:
 - i. Reports of any required monitoring and/or recordkeeping of federally enforceable information shall be submitted to the appropriate Ohio EPA District Office or local air agency.
 - ii. Quarterly written reports of (i) any deviations from federally enforceable emission limitations, operational restrictions, and control device operating parameter limitations, excluding deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06, that have been detected by the testing, monitoring and recordkeeping requirements specified in this permit, (ii) the probable cause of such deviations, and (iii) any corrective actions or preventive measures taken, shall be made to

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the appropriate Ohio EPA District Office or local air agency. The written reports shall be submitted (i.e., postmarked) quarterly, by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. See B.9 below if no deviations occurred during the quarter.

- iii. Written reports, which identify any deviations from the federally enforceable monitoring, recordkeeping, and reporting requirements contained in this permit shall be submitted (i.e., postmarked) to the appropriate Ohio EPA District Office or local air agency every six months, by January 31 and July 31 of each year for the previous six calendar months. If no deviations occurred during a six-month period, the permittee shall submit a semi-annual report, which states that no deviations occurred during that period.
 - iv. If this permit is for an emissions unit located at a Title V facility, then each written report shall be signed by a responsible official certifying that, based on information and belief formed after reasonable inquiry, the statements and information in the report are true, accurate, and complete.
- d. The permittee shall report actual emissions pursuant to OAC Chapter 3745-78 for the purpose of collecting Air Pollution Control Fees.

2. Scheduled Maintenance/Malfunction Reporting

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. The malfunction, i.e., upset, of any emissions units or any associated air pollution control system(s) shall be reported to the appropriate Ohio EPA District Office or local air agency in accordance with paragraph (B) of OAC rule 3745-15-06. (The definition of an upset condition shall be the same as that used in OAC rule 3745-15-06(B)(1) for a malfunction.) The verbal and written reports shall be submitted pursuant to OAC rule 3745-15-06.

Except as provided in that rule, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of the emission unit(s) that is (are) served by such control system(s).

3. Risk Management Plans

If the permittee is required to develop and register a risk management plan pursuant to section 112(r) of the Clean Air Act, as amended, 42 U.S.C. 7401 et seq. ("Act"), the permittee shall comply with the requirement to register such a plan.

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4. Title IV Provisions

If the permittee is subject to the requirements of 40 CFR Part 72 concerning acid rain, the permittee shall ensure that any affected emissions unit complies with those requirements. Emissions exceeding any allowances that are lawfully held under Title IV of the Act, or any regulations adopted thereunder, are prohibited.

5. Severability Clause

A determination that any term or condition of this permit is invalid shall not invalidate the force or effect of any other term or condition thereof, except to the extent that any other term or condition depends in whole or in part for its operation or implementation upon the term or condition declared invalid.

6. General Requirements

- a. The permittee must comply with all terms and conditions of this permit. Any noncompliance with the federally enforceable terms and conditions of this permit constitutes a violation of the Act, and is grounds for enforcement action or for permit revocation, revocation and re-issuance, or modification
- b. It shall not be a defense for the permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the federally enforceable terms and conditions of this permit.
- c. This permit may be modified, revoked, or revoked and reissued, for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or revocation, or of a notification of planned changes or anticipated noncompliance does not stay any term and condition of this permit.
- d. This permit does not convey any property rights of any sort, or any exclusive privilege.
- e. The permittee shall furnish to the Director of the Ohio EPA, or an authorized representative of the Director, upon receipt of a written request and within a reasonable time, any information that may be requested to determine whether cause exists for modifying or revoking this permit or to determine compliance with this permit. Upon request, the permittee shall also furnish to the Director or an authorized representative of the Director, copies of records required to be kept by this permit. For information claimed to be confidential in the submittal to

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the Director, if the Administrator of the U.S. EPA requests such information, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality.

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7. Fees

The permittee shall pay fees to the Director of the Ohio EPA in accordance with ORC section 3745.11 and OAC Chapter 3745-78. The permittee shall pay all applicable permit-to-install fees within 30 days after the issuance of any permit-to-install. The permittee shall pay all applicable permit-to-operate fees within thirty days of the issuance of the invoice.

8. Federal and State Enforceability

Only those terms and conditions designated in this permit as federally enforceable, that are required under the Act, or any its applicable requirements, including relevant provisions designed to limit the potential to emit of a source, are enforceable by the Administrator of the U.S. EPA and the State and by citizens (to the extent allowed by section 304 of the Act) under the Act. All other terms and conditions of this permit shall not be federally enforceable and shall be enforceable under State law only.

9. Compliance Requirements

- a. Any document (including reports) required to be submitted and required by a federally applicable requirement in this permit shall include a certification by a responsible official that, based on information and belief formed after reasonable inquiry, the statements in the document are true, accurate, and complete.
- b. Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the Director of the Ohio EPA or an authorized representative of the Director to:
 - i. At reasonable times, enter upon the permittee's premises where a source is located or the emissions-related activity is conducted, or where records must be kept under the conditions of this permit.
 - ii. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit, subject to the protection from disclosure to the public of confidential information consistent with ORC section 3704.08.
 - iii. Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit.

- iv. As authorized by the Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit and applicable requirements.
- c. The permittee shall submit progress reports to the appropriate Ohio EPA District Office or local air agency concerning any schedule of compliance for meeting an applicable requirement. Progress reports shall be submitted semiannually, or more frequently if specified in the applicable requirement or by the Director of the Ohio EPA. Progress reports shall contain the following:
 - i. Dates for achieving the activities, milestones, or compliance required in any schedule of compliance, and dates when such activities, milestones, or compliance were achieved.
 - ii. An explanation of why any dates in any schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.

10. Permit-To-Operate Application

- a. If the permittee is required to apply for a Title V permit pursuant to OAC Chapter 3745-77, the permittee shall submit a complete Title V permit application or a complete Title V permit modification application within twelve (12) months after commencing operation of the emissions units covered by this permit. However, if the proposed new or modified source(s) would be prohibited by the terms and conditions of an existing Title V permit, a Title V permit modification must be obtained before the operation of such new or modified source(s) pursuant to OAC rule 3745-77-04(D) and OAC rule 3745-77-08(C)(3)(d).
- b. If the permittee is required to apply for permit(s) pursuant to OAC Chapter 3745-35, the source(s) identified in this permit is (are) permitted to operate for a period of up to one year from the date the source(s) commenced operation. Permission to operate is granted only if the facility complies with all requirements contained in this permit and all applicable air pollution laws, regulations, and policies. Pursuant to OAC Chapter 3745-35, the permittee shall submit a complete operating permit application within ninety (90) days after commencing operation of the source(s) covered by this permit.

11. Best Available Technology

As specified in OAC Rule 3745-31-05, all new sources must employ Best Available Technology (BAT). Compliance with the terms and conditions of this permit will fulfill this requirement.

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12. Air Pollution Nuisance

The air contaminants emitted by the emissions units covered by this permit shall not cause a public nuisance, in violation of OAC rule 3745-15-07.

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13. Permit-To-Install

A permit-to-install must be obtained pursuant to OAC Chapter 3745-31 prior to "installation" of "any air contaminant source" as defined in OAC rule 3745-31-01, or "modification", as defined in OAC rule 3745-31-01, of any emissions unit included in this permit.

B. State Only Enforceable Permit-To-Install General Terms and Conditions

1. Compliance Requirements

The emissions unit(s) identified in this Permit shall remain in full compliance with all applicable State laws and regulations and the terms and conditions of this permit.

2. Reporting Requirements

The permittee shall submit required reports in the following manner:

- a. Reports of any required monitoring and/or recordkeeping of state-only enforceable information shall be submitted to the appropriate Ohio EPA District Office or local air agency.
- b. Except as otherwise may be provided in the terms and conditions for a specific emissions unit, quarterly written reports of (a) any deviations (excursions) from state-only required emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the testing, monitoring, and recordkeeping requirements specified in this permit, (b) the probable cause of such deviations, and (c) any corrective actions or preventive measures which have been or will be taken, shall be submitted to the appropriate Ohio EPA District Office or local air agency. If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted (i.e., postmarked) quarterly, by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. (These quarterly reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06.)

3. Permit Transfers

Any transferee of this permit shall assume the responsibilities of the prior permit holder.

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The appropriate Ohio EPA District Office or local air agency must be notified in writing of any transfer of this permit.

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4. Authorization To Install or Modify

If applicable, authorization to install or modify any new or existing emissions unit included in this permit shall terminate within eighteen months of the effective date of the permit if the owner or operator has not undertaken a continuing program of installation or modification or has not entered into a binding contractual obligation to undertake and complete within a reasonable time a continuing program of installation or modification. This deadline may be extended by up to 12 months if application is made to the Director within a reasonable time before the termination date and the party shows good cause for any such extension.

5. Construction of New Sources(s)

This permit does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. This permit does not constitute expressed or implied assurance that the proposed facility has been constructed in accordance with the application and terms and conditions of this permit. The action of beginning and/or completing construction prior to obtaining the Director's approval constitutes a violation of OAC rule 3745-31-02. Furthermore, issuance of this permit does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. Issuance of this permit is not to be construed as a waiver of any rights that the Ohio Environmental Protection Agency (or other persons) may have against the applicant for starting construction prior to the effective date of the permit. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed facilities cannot meet the requirements of this permit or cannot meet applicable standards.

6. Public Disclosure

The facility is hereby notified that this permit, and all agency records concerning the operation of this permitted source, are subject to public disclosure in accordance with OAC rule 3745-49-03.

7. Applicability

This Permit to Install is applicable only to the emissions unit(s) identified in the Permit To Install. Separate application must be made to the Director for the installation or modification of any other emissions unit(s).

8. Construction Compliance Certification

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If applicable, the applicant shall provide Ohio EPA with a written certification (see enclosed form if applicable) that the facility has been constructed in accordance with the permit-to-install application and the terms and conditions of the permit-to-install. The certification shall be provided to Ohio EPA upon completion of construction but prior to startup of the source.

9. Additional Reporting Requirements When There Are No Deviations of Federally Enforceable Emission Limitations, Operational Restrictions, or Control Device Operating Parameter Limitations (See Section A of This Permit)

If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted quarterly (i.e., postmarked), by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters.

C. Permit-To-Install Summary of Allowable Emissions

The following information summarizes the total allowable emissions, by pollutant, based on the individual allowable emissions of each air contaminant source identified in this permit.

SUMMARY (for informational purposes only)
TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

<u>Pollutant</u>	<u>Tons Per Year</u>
not applicable	not applicable

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Part II - FACILITY SPECIFIC TERMS AND CONDITIONS

A. State and Federally Enforceable Permit To Install Facility Specific Terms and Conditions

None

B. State Only Enforceable Permit To Install Facility Specific Terms and Conditions

None

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(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 specified in narrative form following the table.

Operations, Property, and/or Equipment - (P025) - benzene NESHAPS sewer system including oil/water separator

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05(A)(3)	See A.I.2.a
OAC rule 3745-15-06(A)(3)	See A.I.2.g
OAC rule 3745-21-09(M)	See A.I.2.b
40 CFR Part 61, Subpart FF	See A.I.2.c, A.III.1, A.III.3 through A.III.5, and A.IV.1
40 CFR Part 60, Subpart J	See A.I.2.d
40 CFR Part 60, Subpart QQQ	See A.I.2.e, A.III.7 and A.IV.3

2. Additional Terms and Conditions

- 2.a This modification involves installation of a new compressor system; as listed in paragraph No. 266 of the federal consent decree addendum, civil action No. SA07CA0683RF, dated 11/20/07.

The permittee shall install, operate and maintain a compressor system to route all vapors from this emissions unit to the existing sulfur recovery unit fuel gas amine treater ("Compressor System") by no later than April 1, 2008.

- 2.b Except for any wastewater separator which is used solely for once-through, noncontact cooling water or for intermittent tank farm drainage resulting from accumulated precipitation, the permittee shall control the emissions of volatile organic compounds (VOC) from any wastewater separator by equipping all forebay sections and other separator sections with covers and seals which minimize the amount of oily water exposed to the ambient air. In addition, all covers and forebay and separator sections shall be equipped with lids and seals which are kept in a closed position at all times except when in actual use.

Emissions Unit ID: P025

- 2.c** The permittee shall comply with all applicable requirements in 40 CFR Part 61, Subpart FF for this emissions unit. Requirements are listed in section A.9 of Part II - Specific Facility Terms and Conditions, State and Federally Enforceable Section of the final Title V permit minor modification issued on 11/28/05.

During all times when the gaseous stream from the wastewater treatment system of this emissions unit is routed to the Compressor System, the gaseous stream is exempt from 40 CFR Part 61, Subpart FF, per 40 CFR 61.340(d). In accordance with the exemption in 40 CFR 61.340, during these times, no testing, monitoring, recordkeeping, or reporting is required under this subpart for the gaseous stream from the wastewater treatment system.

- 2.d** The requirements of 40 CFR Part 60, Subpart J apply to all fuel gas combustion devices. The fuel gas generated by this emissions unit is routed to the Compressor System and combusted in other emissions units at the refinery which shall be subject to the requirements of this subpart. Therefore, this emissions unit is not subject to the requirements of 40 CFR Part 60, Subpart J during times when the vapors are routed to the Compressor System.

- 2.e** The permittee shall comply with the applicable standards required under 40 CFR, Part 60, Subpart QQQ, including the following sections:

60.692-1(a) through (d)	standards: general
60.692-2(a)(1) through (e)	standards: individual drain systems
60.692-3(a) through (f)	standards: oil-water separators
60.692-4	standards: aggregate facility
60.692-5(a) through (e) devices	standards: closed vent systems and control
60.692-6(a) and (b)	standards: delay of repair
60.692-7(a) and (b)	standards: delay of compliance

- 2.f** The permittee shall identify and mark all area drains that are segregated stormwater drains.

- 2.g** During periods of compressor maintenance, the vapor stream shall be routed to a portable flare for the destruction of benzene. Recordkeeping and reporting for the flare shall be conducted in accordance with OAC rule 3745-15-06(A)(3).

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall comply with all applicable monitoring and recordkeeping

Emissions Unit ID: P025

requirements in 40 CFR Part 61, Subpart FF for this emissions unit. Requirements are listed in section A.9 of Part II - Specific Facility Terms and Conditions, State and Federally Enforceable Section of the final Title V permit minor modification issued on 11/28/05.

2. The permittee shall include the benzene NESHAPS sewer system, including oil/water separator, fugitive emissions and associated components in the current site leak detection and repair (LDAR) program. The LDAR program shall be conducted in accordance with the alternative monitoring plan submitted by the permittee. Applicable requirements are listed in section A.13 of Part II - Specific Facility Terms and Conditions, State and Federally Enforceable Section of the final Title V permit minor modification issued on 11/28/05.
3. The permittee shall conduct monthly visual inspections of all water traps within the Refinery's individual drain systems that are controlled under 40 CFR Part 61, Subpart FF.
4. Where installed pursuant to 40 CFR Part 61, Subpart FF, the permittee shall visually monitor all conservation vents or indicators on process sewers for detectable leaks on a weekly basis and reset any vents where leaks are detected. After two (2) years of weekly inspection, and based upon an evaluation of the recorded results, the permittee may submit a request to U.S. EPA Region V to modify the frequency of the inspections.
5. The permittee shall conduct quarterly monitoring, in accordance with the "no detectable emissions" provision in 40 CFR 61.347, of oil-water separators controlled in accordance with 40 CFR 61.347.
6. Once per shift, the permittee shall verify that the Compressor System is in operation. The permittee shall keep records of any instance when the Compressor System was not operating.
7. The permittee shall comply with the applicable monitoring and record keeping requirements required under 40 CFR Part 60, Subpart QQQ, including the following sections:

60.695(a) through (c) device	parametric monitoring device for appropriate control
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60.697(a) through (k)	record keeping requirements
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IV. Reporting Requirements

1. The permittee shall comply with all applicable reporting requirements in 40 CFR Part 61, Subpart FF for this emissions unit. Requirements are listed in section A.9 of Part II - Specific Facility Terms and Conditions, State and Federally Enforceable Section of the final Title V permit minor modification issued on 11/28/05.

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2. The permittee shall submit to the Administrator quarterly reports documenting all periods when the Compressor System was not operating. The first quarterly report shall be submitted by July 30, 2008. Subsequent quarterly reports shall be submitted on January 30, April 30, July 30 and October 30 each year.

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3. The permittee shall submit reports and such other notifications and reports to the appropriate Ohio EPA District Office or local air agency as are required pursuant to 40 CFR Part 60, Subpart QQQ, per the following section:

60.698(a) through (e) reporting requirements, including any deviations found during parametric monitoring

V. Testing Requirements

1. The permittee shall comply with all applicable testing requirements in 40 CFR Part 61, Subpart FF for this emissions unit. Requirements are listed in section A.9 of Part II - Specific Facility Terms and Conditions, State and Federally Enforceable Section of the final Title V permit minor modification issued on 11/28/05.
2. The permittee shall comply with the applicable performance test methods, procedures and compliance provisions required under 40 CFR Part 60, Subpart QQQ, sections 60.696(a) through (d).

VI. Miscellaneous Requirements

None

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B. State Only Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(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 specified in narrative form following the table.

Operations, Property, and/or Equipment - (P025) - benzene NESHAPS sewer system including oil/water separator

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
None	None

2. **Additional Terms and Conditions**

- 2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)**A. State and Federally Enforceable Section****I. Applicable Emissions Limitations and/or Control Requirements**

1. The specific operations(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 specified in narrative form following the table.

Operations, Property, and/or Equipment - (T202) - above-ground, fixed roof storage tank with a capacity of 9,996 gallons (group 1 storage vessel)

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05(A)(3)	See A.I.2.d
OAC rule 3745-21-09(L)	exempt - see A.I.2.a
40 CFR Part 60, Subpart Kb	exempt - see A.I.2.b
40 CFR Part 63, Subpart CC	See A.I.2.e, A.III.1 and A.IV.1
40 CFR Part 61, Subpart FF	See A.I.2.c
40 CFR Part 63, Subpart A	See A.I.2.f

2. Additional Terms and Conditions

- 2.a This emissions unit is exempt from the requirements of OAC rule 3745-21-09(L)(1), since it is a fixed roof tank with a capacity less than 40,000 gallons. The requirements of OAC rule 3745-21-09(L)(3) and 3745-21-09(L)(4) are also not applicable since the tank is exempted under OAC rule 3745-21-09(L)(2).
- 2.b This emissions unit is exempt from the requirements of 40 CFR Part 60, Subpart Kb, since the tank capacity is less than 75 cubic meters (19,815 gallons).
- 2.c This emissions unit is subject to NESHAPS standards in 40 CFR Part 61, Subpart FF. Applicable rules are listed in section A.9 of Part II - Specific Facility Terms and Conditions, State and Federally Enforceable Section of the final Title V permit minor modification issued on 11/28/05.

During all times when the vent from this emissions unit is routed to the Compressor System used to compress vapors from emissions unit P025, the gaseous stream is exempt from 40 CFR Part 61, Subpart FF, per 40 CFR 61.340(d). In accordance with 40 CFR 61.340(d), during these times, no testing, monitoring, recordkeeping or reporting is required under this subpart for the vent stream from this emissions unit.

- 2.d The vent from this emissions unit is routed to the Compressor System used to

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compress vapors from emissions unit P025. Therefore, additional terms and conditions applicable to operation of the Compressor System are shown in the terms and conditions for emissions unit P025.

- 2.e** [40 CFR 63.647(a)]
Each permittee of a Group 1 wastewater stream shall comply with the requirements of 40 CFR 61.340 through 61.355 of 40 CFR Part 61, Subpart FF for each process wastewater stream that meets the definition in 40 CFR 63.641.
- 2.f** Refer to section A.10 of Part II - Specific Facility Terms and Conditions, State and Federally Enforceable Section of the final Title V permit minor modification issued on 11/28/05 for the requirements of 40 CFR Part 63, Subpart A; National Emission Standards for Hazardous Air Pollutants - General Provisions.

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

- 1. [40 CFR 63.654(a)]
Each permittee subject to the wastewater provisions in 40 CFR 63.647 shall comply with the record keeping provisions in 40 CFR 61.356 of 40 CFR Part 61, Subpart FF. There are no additional record keeping requirements for wastewater under this subpart.

IV. Reporting Requirements

- 1. [40 CFR 63.654(a)]
Each permittee subject to the wastewater provisions in 40 CFR 63.647 shall comply with the reporting provisions in 40 CFR 61.357 of 40 CFR Part 61, Subpart FF. There are no additional reporting requirements for wastewater under this subpart.

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

B. State Only Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(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 specified in narrative form following the table.

Operations, Property, and/or Equipment - (T202) - above-ground, fixed roof storage tank with a capacity of 9,996 gallons (group 1 storage vessel)

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
None	None

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Modification Issued: 6/3/2008

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(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 specified in narrative form following the table.

Operations, Property, and/or Equipment - (T203) - above-ground, fixed roof storage tank with a capacity of 14,500 gallons (group 1 storage vessel)

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05(A)(3)	See A.I.2.d
OAC rule 3745-21-09(L)	exempt - see A.I.2.a
40 CFR Part 60, Subpart Kb	exempt - see A.I.2.b
40 CFR Part 63, Subpart CC	See A.I.2.e, A.III.1 and A.IV.1
40 CFR Part 61, Subpart FF	See A.I.2.c
40 CFR Part 63, Subpart A	See A.I.2.f

2. Additional Terms and Conditions

- 2.a This emissions unit is exempt from the requirements of OAC rule 3745-21-09(L)(1), since it is a fixed roof tank with a capacity less than 40,000 gallons. The requirements of OAC rule 3745-21-09(L)(3) and 3745-21-09(L)(4) are also not applicable since the tank is exempted under OAC rule 3745-21-09(L)(2).
- 2.b This emissions unit is exempt from the requirements of 40 CFR Part 60, Subpart Kb, since the tank capacity is less than 75 cubic meters (19,815 gallons).
- 2.c This emissions unit is subject to NESHAPS standards in 40 CFR Part 61, Subpart FF. Applicable rules are listed in section A.9 of Part II - Specific Facility Terms and Conditions, State and Federally Enforceable Section of the final Title V permit minor modification issued on 11/28/05.

During all times when the vent from this emissions unit is routed to the Compressor System used to compress vapors from emissions unit P025, the

Modification Issued: 6/3/2008

gaseous stream is exempt from 40 CFR Part 61, Subpart FF, per 40 CFR 61.340(d). In accordance with 40 CFR 61.340(d), during these times, no testing, monitoring, recordkeeping or reporting is required under this subpart for the vent stream from this emissions unit.

- 2.d** The vent from this emissions unit is routed to the Compressor System used to compress vapors from emissions unit P025. Therefore, additional terms and conditions applicable to operation of the Compressor System are shown in the terms and conditions for emissions unit P025.
- 2.e** [40 CFR 63.647(a)]
Each permittee of a Group 1 wastewater stream shall comply with the requirements of 40 CFR 61.340 through 61.355 of 40 CFR Part 61, Subpart FF for each process wastewater stream that meets the definition in 40 CFR 63.641.
- 2.f** Refer to section A.10 of Part II - Specific Facility Terms and Conditions, State and Federally Enforceable Section of the final Title V permit minor modification issued on 11/28/05 for the requirements of 40 CFR Part 63, Subpart A; National Emission Standards for Hazardous Air Pollutants - General Provisions.

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

- 1. [40 CFR 63.654(a)]
Each permittee subject to the wastewater provisions in 40 CFR 63.647 shall comply with the record keeping provisions in 40 CFR 61.356 of 40 CFR Part 61, Subpart FF. There are no additional record keeping requirements for wastewater under this subpart.

IV. Reporting Requirements

- 1. [40 CFR 63.654(a)]
Each permittee subject to the wastewater provisions in 40 CFR 63.647 shall comply with the reporting provisions in 40 CFR 61.357 of 40 CFR Part 61, Subpart FF. There are no additional reporting requirements for wastewater under this subpart.

V. Testing Requirements

Husky Lima Refinery
DTI Application: 02 07515

Facility ID: 0302020012

Emissions Unit ID: T203

None

VI. Miscellaneous Requirements

None

Modification Issued: 6/3/2008

B. State Only Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(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 specified in narrative form following the table.

Operations, Property, and/or Equipment - (T203) - above-ground, fixed roof storage tank with a capacity of 14,500 gallons (group 1 storage vessel)

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
None	None

2. **Additional Terms and Conditions**

- 2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Modification Issued: 6/3/2008

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(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 specified in narrative form following the table.

Operations, Property, and/or Equipment - (T204) - above-ground, fixed roof storage tank with a capacity of 14,500 gallons (group 1 storage vessel)

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05(A)(3)	See A.I.2.d
OAC rule 3745-21-09(L)	exempt - see A.I.2.a
40 CFR Part 60, Subpart Kb	exempt - see A.I.2.b
40 CFR Part 63, Subpart CC	See A.I.2.e, A.III.1 and A.IV.1
40 CFR Part 61, Subpart FF	See A.I.2.c
40 CFR Part 63, Subpart A	See A.I.2.f

2. Additional Terms and Conditions

- 2.a This emissions unit is exempt from the requirements of OAC rule 3745-21-09(L)(1), since it is a fixed roof tank with a capacity less than 40,000 gallons. The requirements of OAC rule 3745-21-09(L)(3) and 3745-21-09(L)(4) are also not applicable since the tank is exempted under OAC rule 3745-21-09(L)(2).
- 2.b This emissions unit is exempt from the requirements of 40 CFR Part 60, Subpart Kb, since the tank capacity is less than 75 cubic meters (19,815 gallons).
- 2.c This emissions unit is subject to NESHAPS standards in 40 CFR Part 61, Subpart FF. Applicable rules are listed in section A.9 of Part II - Specific Facility Terms and Conditions, State and Federally Enforceable Section of the final Title V permit minor modification issued on 11/28/05.

During all times when the vent from this emissions unit is routed to the Compressor System used to compress vapors from emissions unit P025,

Modification Issued: 6/3/2008

the gaseous stream is exempt from 40 CFR Part 61, Subpart FF, per 40 CFR 61.340(d). In accordance with 40 CFR 61.340(d), during these times, no testing, monitoring, recordkeeping or reporting is required under this subpart for the vent stream from this emissions unit.

- 2.d** The vent from this emissions unit is routed to the Compressor System used to compress vapors from emissions unit P025. Therefore, additional terms and conditions applicable to operation of the Compressor System are shown in the terms and conditions for emissions unit P025.
- 2.e** [40 CFR 63.647(a)]
Each permittee of a Group 1 wastewater stream shall comply with the requirements of 40 CFR 61.340 through 61.355 of 40 CFR Part 61, Subpart FF for each process wastewater stream that meets the definition in 40 CFR 63.641.
- 2.f** Refer to section A.10 of Part II - Specific Facility Terms and Conditions, State and Federally Enforceable Section of the final Title V permit minor modification issued on 11/28/05 for the requirements of 40 CFR Part 63, Subpart A; National Emission Standards for Hazardous Air Pollutants - General Provisions.

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

- 1. [40 CFR 63.654(a)]
Each permittee subject to the wastewater provisions in 40 CFR 63.647 shall comply with the record keeping provisions in 40 CFR 61.356 of 40 CFR Part 61, Subpart FF. There are no additional record keeping requirements for wastewater under this subpart.

IV. Reporting Requirements

- 1. [40 CFR 63.654(a)]
Each permittee subject to the wastewater provisions in 40 CFR 63.647 shall comply with the reporting provisions in 40 CFR 61.357 of 40 CFR Part 61, Subpart FF. There are no additional reporting requirements for wastewater under this subpart.

V. Testing Requirements

Husky Lima Refinery

DTI Application: 02 07515

Facility ID: 0302020012

Emissions Unit ID: T204

None

VI. Miscellaneous Requirements

None

Modification Issued: 6/3/2008

B. State Only Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(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 specified in narrative form following the table.

Operations, Property, and/or Equipment - (T204) - above-ground, fixed roof storage tank with a capacity of 14,500 gallons (group 1 storage vessel)

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
None	None

2. **Additional Terms and Conditions**

- 2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

NEW SOURCE REVIEW FORM B

PTI Number: 03-07545 Facility ID: 0302020012

FACILITY NAME Lima Refining Company

FACILITY DESCRIPTION oil refinery CITY/TWP Lima

SIC CODE 2911 SCC CODE 3-06-005-03 EMISSIONS UNIT ID P025

EMISSIONS UNIT DESCRIPTION benzene NESHAPS sewer system including oil/water separator

DATE INSTALLED August 1994

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter		not applicable	not applicable	not applicable	not applicable
PM ₁₀		not applicable	not applicable	not applicable	not applicable
Sulfur Dioxide		not applicable	not applicable	not applicable	not applicable
Organic Compounds		not applicable	not applicable	not applicable	not applicable
Nitrogen Oxides		not applicable	not applicable	not applicable	not applicable
Carbon Monoxide		not applicable	not applicable	not applicable	not applicable
Lead		not applicable	not applicable	not applicable	not applicable
Other: Air Toxics		not applicable	not applicable	not applicable	not applicable

APPLICABLE FEDERAL RULES:

NSPS? J, QQQ

NESHAP? FF

PSD?

OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

use of gas compressor system to collect vapors and route vapors to existing sulfur recovery unit fuel gas amine treater, and compliance with the terms and conditions of this permit

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? No

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT?

\$

TOXIC AIR CONTAMINANTS

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED*?

YES

NO

IDENTIFY THE AIR CONTAMINANTS:

NEW SOURCE REVIEW FORM B

PTI Number: 03-07545 Facility ID: 0302020012

FACILITY NAME Lima Refining Company

FACILITY DESCRIPTION oil refinery CITY/TWP Lima

Emissions Unit ID: T204

SIC CODE 2911 SCC CODE 4-03-010-99 EMISSIONS UNIT ID T202

EMISSIONS UNIT DESCRIPTION above-ground, fixed roof storage tank with a capacity of 9,996 gallons (group 1 storage vessel)

DATE INSTALLED August 1994

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter		not applicable	not applicable	not applicable	not applicable
PM ₁₀		not applicable	not applicable	not applicable	not applicable
Sulfur Dioxide		not applicable	not applicable	not applicable	not applicable
Organic Compounds		not applicable	not applicable	not applicable	not applicable
Nitrogen Oxides		not applicable	not applicable	not applicable	not applicable
Carbon Monoxide		not applicable	not applicable	not applicable	not applicable
Lead		not applicable	not applicable	not applicable	not applicable
Other: Air Toxics		not applicable	not applicable	not applicable	not applicable

APPLICABLE FEDERAL RULES:

NSPS? NESHAP? FF PSD? OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

use of gas compressor system to collect vapors and route vapors to existing sulfur recovery unit fuel gas amine treater, and compliance with the terms and conditions of this permit

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? No
OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT? \$

TOXIC AIR CONTAMINANTS

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED*? YES NO

IDENTIFY THE AIR CONTAMINANTS:

NEW SOURCE REVIEW FORM B

PTI Number: 03-07545 Facility ID: 0302020012

FACILITY NAME Lima Refining Company

FACILITY DESCRIPTION oil refinery

CITY/TWP Lima

Emissions Unit ID: T204

SIC CODE 2911 SCC CODE 4-03-010-99 EMISSIONS UNIT ID T203

EMISSIONS UNIT DESCRIPTION above-ground, fixed roof storage tank with a capacity of 14,500 gallons (group 1 storage vessel)

DATE INSTALLED August 1994

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter		not applicable	not applicable	not applicable	not applicable
PM ₁₀		not applicable	not applicable	not applicable	not applicable
Sulfur Dioxide		not applicable	not applicable	not applicable	not applicable
Organic Compounds		not applicable	not applicable	not applicable	not applicable
Nitrogen Oxides		not applicable	not applicable	not applicable	not applicable
Carbon Monoxide		not applicable	not applicable	not applicable	not applicable
Lead		not applicable	not applicable	not applicable	not applicable
Other: Air Toxics		not applicable	not applicable	not applicable	not applicable

APPLICABLE FEDERAL RULES:

NSPS?

NESHAP? **FF**

PSD?

OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

use of gas compressor system to collect vapors and route vapors to existing sulfur recovery unit fuel gas amine treater, and compliance with the terms and conditions of this permit

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? No

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT?

\$

TOXIC AIR CONTAMINANTS

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED*?

Subpart FF

YES

NO

IDENTIFY THE AIR CONTAMINANTS:

3NE
P1
FA

Emissions Unit ID: T204

FACILITY DESCRIPTION oil refinery CITY/TWP Lima

SIC CODE 2911 SCC CODE 4-03-010-99 EMISSIONS UNIT ID T204

EMISSIONS UNIT DESCRIPTION above-ground, fixed roof storage tank with a capacity of 14,500 gallons (group 1 storage vessel)

DATE INSTALLED August 1994

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter		not applicable	not applicable	not applicable	not applicable
PM ₁₀		not applicable	not applicable	not applicable	not applicable
Sulfur Dioxide		not applicable	not applicable	not applicable	not applicable
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Nitrogen Oxides		not applicable	not applicable	not applicable	not applicable
Carbon Monoxide		not applicable	not applicable	not applicable	not applicable
Lead		not applicable	not applicable	not applicable	not applicable
Other: Air Toxics		not applicable	not applicable	not applicable	not applicable

APPLICABLE FEDERAL RULES:

NSPS? _____ NESHAP? **FF** PSD? _____ OFFSET POLICY? _____

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

use of gas compressor system to collect vapors and route vapors to existing sulfur recovery unit fuel gas amine treater, and compliance with the terms and conditions of this permit

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? No

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT? \$ _____

TOXIC AIR CONTAMINANTS

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED*? _____ YES _____ NO

IDENTIFY THE AIR CONTAMINANTS: _____