



State of Ohio Environmental Protection Agency

STREET ADDRESS:

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P.O. Box 1049  
Columbus, OH 43216-1049

3/23/2009

Certified Mail

Bill Rupert  
BP-Husky Refining LLC  
4001 Cedar Point Road  
P.O. Box 696  
Oregon, OH 43697

No	TOXIC REVIEW
No	PSD
No	SYNTHETIC MINOR
No	CEMS
Yes	MACT
Yes	NSPS
Yes	NESHAPS
No	NETTING
No	MAJOR NON-ATTAINMENT
No	MODELING SUBMITTED

RE: FINAL AIR POLLUTION PERMIT-TO-INSTALL  
Facility ID: 0448020007  
Permit Number: P0103974  
Permit Type: OAC Chapter 3745-31 Modification  
County: Lucas

Dear Permit Holder:

Enclosed please find a final Air Pollution Permit-to-Install (PTI) which will allow you to install or modify the described emissions unit(s) in a manner indicated in the permit. Because this permit contains several conditions and restrictions, we urge you to read it carefully.

The issuance of this PTI is a final action of the Director and may be appealed to the Environmental Review Appeals Commission ("ERAC") under Section 3745.04 of the Ohio Revised Code. The appeal must be in writing and describe the action complained of and the grounds for the appeal. The appeal must be filed with the ERAC within thirty (30) days after notice of the Director's action. A filing fee of \$70.00 must be submitted to the ERAC with the appeal, although the ERAC, has discretion to reduce the amount of the filing fee if you can demonstrate (by affidavit) that payment of the full amount of the fee would cause extreme hardship. If you file an appeal of this action, you must notify Ohio EPA of the filing of the appeal (by providing a copy to the Director) within three (3) days of filing your appeal with the ERAC. Ohio EPA requests that a copy of the appeal also be provided to the Ohio Attorney General's Office, Environmental Enforcement Section. An appeal may be filed with the ERAC at the following address:

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

The Ohio EPA is encouraging companies to investigate pollution prevention and energy conservation. Not only will this reduce pollution and energy consumption, but it can also save you money. If you would like to learn ways you can save money while protecting the environment, please contact our Office of Compliance Assistance and Pollution Prevention at (614) 644-3469. If you have any questions regarding this permit, please contact the Toledo Department of Environmental Services. This permit has been posted to the Division of Air Pollution Control (DAPC) Web page <http://www.epa.state.oh.us/dapc>.

Sincerely,

Michael W. Ahern, Manager  
Permit Issuance and Data Management Section, DAPC

Cc: U.S. EPA Region 5 *Via E-Mail Notification*  
Toledo Department of Environmental Services

Ted Strickland, Governor  
Lee Fisher, Lieutenant Governor  
Chris Korleski, Director





**State of Ohio Environmental Protection Agency  
Division of Air Pollution Control**

**FINAL**

**Air Pollution Permit-to-Install  
for  
BP-Husky Refining LLC**

Facility ID: 0448020007  
Permit Number: P0103974  
Permit Type: OAC Chapter 3745-31 Modification  
Issued: 3/23/2009  
Effective: 3/23/2009





State of Ohio Environmental Protection Agency  
Division of Air Pollution Control

**Air Pollution Permit-to-Install**  
for  
BP-Husky Refining LLC

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State of Ohio Environmental Protection Agency  
Division of Air Pollution Control

**Final Permit-to-Install**  
**Permit Number:** P0103974  
**Facility ID:** 0448020007  
**Effective Date:** 3/23/2009

## Authorization

Facility ID: 0448020007  
Facility Description: Toledo Refinery  
Application Number(s): A0036093  
Permit Number: P0103974  
Permit Description: Installation of a new section of a sewer to run parallel to the existing sewer throughout the main section of the refinery(P025)  
Permit Type: OAC Chapter 3745-31 Modification  
Permit Fee: \$0.00  
Issue Date: 3/23/2009  
Effective Date: 3/23/2009

This document constitutes issuance to:

BP-Husky Refining LLC  
4001 Cedar Point Road  
P.O. Box 696  
Oregon, OH 43697

Of a Permit-to-Install for the emissions unit(s) identified on the following page.

Ohio EPA District Office or local air agency responsible for processing and administering your permit:

Toledo Department of Environmental Services  
348 South Erie Street  
Toledo, OH 43604  
(419)936-3015

The above named entity is hereby granted a Permit-to-Install for the emissions unit(s) listed in this section pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this permit does not constitute expressed or implied approval or agreement that, if constructed or modified in accordance with the plans included in the application, the emissions unit(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 and specifications, the above described emissions unit(s) of pollutants will be granted the necessary permits to operate (air) or NPDES permits as applicable.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Chris Korleski  
Director



State of Ohio Environmental Protection Agency  
 Division of Air Pollution Control

**Final Permit-to-Install**  
**Permit Number:** P0103974  
**Facility ID:** 0448020007  
**Effective Date:** 3/23/2009

## Authorization (continued)

Permit Number: P0103974  
 Permit Description: Installation of a new section of a sewer to run parallel to the existing sewer throughout the main section of the refinery(P025)

Permits for the following Emissions Unit(s) or groups of Emissions Units are in this document as indicated below:

<b>Emissions Unit ID:</b>	<b>P025</b>
Company Equipment ID:	Refinery WWT System
Superseded Permit Number:	
General Permit Category and Type:	Not Applicable



State of Ohio Environmental Protection Agency  
Division of Air Pollution Control

**Final Permit-to-Install**  
**Permit Number:** P0103974  
**Facility ID:** 0448020007  
**Effective Date:** 3/23/2009

## **A. Standard Terms and Conditions**



## **1. Federally Enforceable Standard Terms and Conditions**

- a) All Standard Terms and Conditions are federally enforceable, with the exception of those listed below which are enforceable under State law only:
  - (1) Standard Term and Condition A. 2.a), Severability Clause
  - (2) Standard Term and Condition A. 3.c) through A. 3.e) General Requirements
  - (3) Standard Term and Condition A. 6.c) and A. 6.d), Compliance Requirements
  - (4) Standard Term and Condition A. 9., Reporting Requirements
  - (5) Standard Term and Condition A. 10., Applicability
  - (6) Standard Term and Condition A. 11.b) through A. 11.e), Construction of New Source(s) and Authorization to Install
  - (7) Standard Term and Condition A. 14., Public Disclosure
  - (8) Standard Term and Condition A. 15., Additional Reporting Requirements When There Are No Deviations of Federally Enforceable Emission Limitations, Operational Restrictions, or Control Device Operating Parameter Limitations
  - (9) Standard Term and Condition A. 16., Fees
  - (10) Standard Term and Condition A. 17., Permit Transfers

## **2. Severability Clause**

- a) 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.
- b) All terms and conditions designated in parts B and C of this permit are federally enforceable as a practical matter, if they 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. Terms and conditions in parts B and C of this permit shall not be federally enforceable and shall be enforceable under State law only, only if specifically identified in this permit as such.

## **3. 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 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.

**4. Monitoring and Related Record Keeping 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:
  - (1) The date, place (as defined in the permit), and time of sampling or measurements.
  - (2) The date(s) analyses were performed.
  - (3) The company or entity that performed the analyses.
  - (4) The analytical techniques or methods used.
  - (5) The results of such analyses.
  - (6) 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:
  - (1) Reports of any required monitoring and/or recordkeeping of federally enforceable information shall be submitted to the Toledo Department of Environmental Services.



- (2) 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 the Toledo Department of Environmental Services. 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 A.15. below if no deviations occurred during the quarter.
- (3) 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 Toledo Department of Environmental Services 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.
- (4) This permit is for an emissions unit located at a Title V facility. 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.

## 5. 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 Toledo Department of Environmental Services 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).

## 6. Compliance Requirements

- a) 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.
- b) 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.
- c) 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:



- (1) 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.
  - (2) 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.
  - (3) Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit.
  - (4) 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.
- d) The permittee shall submit progress reports to the Toledo Department of Environmental Services 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:
- (1) Dates for achieving the activities, milestones, or compliance required in any schedule of compliance, and dates when such activities, milestones, or compliance were achieved.
  - (2) 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.

## **7. Best Available Technology**

As specified in OAC Rule 3745-31-05, new sources that must employ Best Available Technology (BAT) shall comply with the Applicable Emission Limitations/Control Measures identified as BAT for each subject emissions unit.

## **8. 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.

## **9. 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 Toledo Department of Environmental Services.
- 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 Toledo Department of Environmental Services. 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.)

## **10. 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).

## **11. Construction of New Sources(s) and Authorization to Install**

- a) 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.
- b) If applicable, authorization to install any new 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 has not entered into a binding contractual obligation to undertake and complete within a reasonable time a continuing program of installation. 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.
- c) The permittee may notify Ohio EPA of any emissions unit that is permanently shut down (i.e., the emissions unit has been physically removed from service or has been altered in such a way that it can no longer operate without a subsequent "modification" or "installation" as defined in OAC Chapter 3745-31) by submitting a certification from the authorized official that identifies the date on which the emissions unit was permanently shut down. Authorization to operate the affected emissions unit shall cease upon the date certified by the authorized official that the emissions unit was permanently shut down. At a minimum, notification of permanent shut down shall be made or confirmed through completion of the annual PER covering the last period of operation of the affected emissions unit(s).
- d) The provisions of this permit shall cease to be enforceable for each affected emissions unit after the date on which an emissions unit is permanently shut down (i.e., emissions unit has been physically removed from service or has been altered in such a way that it can no longer operate without a subsequent "modification" or "installation" as defined in OAC Chapter 3745-31). All records relating to any permanently shutdown emissions unit, generated while the emissions unit was in operation, must be maintained in accordance with law. All reports required by this permit must be submitted for any period an affected emissions unit operated prior to permanent shut down. At a minimum, the permit requirements must be evaluated as part of the PER covering the last period the emissions unit operated.



No emissions unit certified by the authorized official as being permanently shut down may resume operation without first applying for and obtaining a permit pursuant to OAC Chapter 3745-31.

- e) The permittee shall comply with any residual requirements related to this permit, such as the requirement to submit a PER, air fee emission report, or other any reporting required by this permit for the period the operating provisions of this permit were enforceable, or as required by regulation or law. All reports shall be submitted in a form and manner prescribed by the Director. All records relating to this permit must be maintained in accordance with law.

## **12. Permit-To-Operate Application**

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).

## **13. Construction Compliance Certification**

The applicant shall identify the following dates in the online facility profile for each new emissions unit identified in this permit.

- a) Completion of initial installation date shall be entered upon completion of construction and prior to start-up.
- b) Commence operation after installation or latest modification date shall be entered within 90 days after commencing operation of the applicable emissions unit.

## **14. 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.

## **15. Additional Reporting Requirements When There Are No Deviations of Federally Enforceable Emission Limitations, Operational Restrictions, or Control Device Operating Parameter Limitations**

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.

## **16. 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.



State of Ohio Environmental Protection Agency  
Division of Air Pollution Control

**Final Permit-to-Install**  
**Permit Number:** P0103974  
**Facility ID:** 0448020007  
**Effective Date:** 3/23/2009

**17. Permit Transfers**

Any transferee of this permit shall assume the responsibilities of the prior permit holder. The Toledo Department of Environmental Services must be notified in writing of any transfer of this permit.

**18. 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.

**19. 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.



State of Ohio Environmental Protection Agency  
Division of Air Pollution Control

**Final Permit-to-Install**  
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## **B. Facility-Wide Terms and Conditions**



State of Ohio Environmental Protection Agency  
Division of Air Pollution Control

**Final Permit-to-Install**  
**Permit Number:** P0103974  
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**Effective Date:** 3/23/2009

1. All the following facility-wide terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only:
  - a) None.



State of Ohio Environmental Protection Agency  
Division of Air Pollution Control

**Final Permit-to-Install**  
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**Effective Date:** 3/23/2009

## **C. Emissions Unit Terms and Conditions**



**1. P025, Refinery WWT System**

**Operations, Property and/or Equipment Description:**

Process Oily Water and Stormwater system (including drains, manholes, junction boxes, lift stations, laterals and trunklines) within the refinery and refinery wastewater treatment system excluding Belt Filter Presses P013 and P014) with the following treatment and control systems: carbon canisters and benzene stripper vented to the West Flare

- a) The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.
  - (1) None.
- b) Applicable Emissions Limitations and/or Control Requirements
  - (1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3)(a)(ii)	See b)(2)a.
b.	OAC rule 3745-21-09(M)(2)	See b)(2)b.
c.	OAC rule 3745-21-09(UU)(4)	See b)(2)c.
d.	40 CFR Part 60, Subpart A	40 CFR Part 60, Subpart A provides applicability provisions, definitions, and other general provisions that are pertinent to emissions units subject to 40 CFR 60.  The definitions listed under 40 CFR 60.691 apply for all standards and requirements under 40 CFR Part 60, Subpart QQQ.
e.	40 CFR Part 60, Subpart QQQ  [In accordance with 40 CFR 60.690(a)(4), this emissions unit is an aggregate facility subject to the emission limitations/control measures specified in this section]	Group 2 wastewater streams that are managed in a piece of equipment subject to 40 CFR Part 60, Subpart QQQ, shall comply with the requirements of 40 CFR 60.692-1 to 60.692-5 and 40 CFR 60.693-1 and 60.693-2, except during periods of startup, shutdown or malfunction.  A group 1 wastewater stream managed in a piece of equipment that is also subject to the provisions of 40 CFR Part 60, Subpart QQQ, is required to comply only with 40 CFR Part 63, Subpart CC.
f.	40 CFR Part 61, Subpart A	40 CFR Part 61, Subpart A provides



	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		applicability provisions, definitions, and other general provisions that are pertinent to emissions units affected by 40 CFR Part 61. The definitions listed in 40 CFR 61.341 apply for all the standards and requirements under 40 CFR Part 61, Subpart FF.
g.	40 CFR Part 61, Subpart FF [In accordance with 40 CFR 61.340, this emission unit is a petroleum refinery subject to the emissions limitations/control measures specified in this section.]	Comply with all the applicable standards and requirements of 40 CFR Part 61, Subpart FF.
h.	40 CFR Part 63, Subpart A	Table 6 of 40 CFR Part 63, Subpart CC specifies the provisions of 40 CFR Part 63, Subpart A, that apply and those do not apply to permittees of sources subject to Subpart CC.
i.	40 CFR Part 63, Subpart CC [In accordance with 40 CFR 63.641, this emission unit is a Group 2 miscellaneous process vent subject to the emissions limitations/control measures specified in this section.]	<p>Table 6 of 40 CFR Part 63, Subpart CC specifies the provisions of 40 CFR Part 63, Subpart A, that apply and those do not apply to permittees of sources subject to Subpart CC.</p> <p>Comply with the standards and requirements of 40 CFR 63.643-645 for the miscellaneous process vent provisions.</p> <p>If a change that does not meet the criteria in 40 CFR 63.640(l) of Subpart CC is made to a petroleum refining process unit subject to this subpart, and the change causes a Group 2 emission point to become a Group 1 emission point (as defined in §63.641), then the permittee shall comply with the requirements for existing sources for the Group 1 emission point as expeditiously as practicable, but in no event later than 3 years after the emission point becomes Group 1.</p>

(2) Additional Terms and Conditions

- a. The Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) do not apply to the VOC from this air contaminant source since the uncontrolled potential to emit for VOC is less than 10 tons/yr.



- 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 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.
  - c. All process wastewater from the crude desalter shall be discharged to a steam stripper for the removal of condensable hydrocarbons, and all VOC emissions from the steam stripper shall be vented to a flare that complies with the requirements of paragraph (DD)(10)(d) of this rule.
- c) Operational Restrictions
- (1) See 40 CFR Part 63, Subpart CC.
  - (2) See 40 CFR Part 61, Subpart FF.
  - (3) See 40 CFR Part 60, Subpart QQQ.
- d) Monitoring and/or Recordkeeping Requirements
- (1) See 40 CFR Part 63, Subpart CC.
  - (2) See 40 CFR Part 61, Subpart FF.
  - (3) Monitoring requirement for OAC rule 3745-21-09.
    - a. 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 check all separator covers and forebay and separator sections by visual inspections quarterly to ensure that they are equipped with lids and seals that are kept in a closed position at all times except when in actual use.  
  
[OAC rule 3745-21-09(M)(2)]
    - b. The permittee shall collect and record the following information each day: the operating times for the capture (collection) system, control device, and the crude desalter.  
  
[OAC rule 3745-21-09(UU)(4)]
  - (4) Comply with 40 CFR Part 60, Subpart QQQ Monitoring and Record keeping Requirements.
- e) Reporting Requirements
- (1) See 40 CFR Part 63, Subpart CC Reporting Requirements.
  - (2) See 40 CFR Part 61, Subpart FF Reporting Requirements.



- (3) See 40 CFR Part 60, Subpart QQQ Reporting Requirements.
- (4) Deviation Reporting Requirements for OAC rule 3745-21-09

The permittee shall submit quarterly deviation (excursion) reports that identify the following: 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 submit deviation (excursion reports) that identify all occurrences where covers, forebay and other separator sections were not equipped with lids, seals, or kept in a closed position except when in actual use. The quarterly reports shall be submitted, electronically through Ohio EPA Air services, each year by January 31 (covering October to December), April 30 (covering January to March), July 31 (covering April to June), and October 31 (covering July to September). If no deviations occurred during the quarter the permittee shall submit a statement that no deviations occurred during the calendar quarter.

The quarterly deviation (excursion) reports shall be submitted in accordance with the reporting requirements of the Standard Terms and Conditions of this permit.

[OAC rule 3745-21-09(M)(2)]

- f) Testing Requirements
  - (1) See 40 CFR Part 63, Subpart CC.
  - (2) See 40 CFR Part 61, Subpart FF.
  - (3) Comply with 40 CFR Part 60, Subpart QQQ Testing Requirements.
- g) Miscellaneous Requirements
  - (1)

<b>TABLE 1</b> <b>Individual Drain Systems</b> <b>Subject to 40 CFR Part 60, Subpart QQQ</b>			
<b>Emissions Unit ID</b>	<b>Facility Description</b>	<b>Individual Drain System Description</b>	<b>Controls</b>
P025	Lift station for T157, T159, and T161	Junction Box	Tight seal cover
P025	Lift station for T153-T156	Junction Box	Tight seal cover
P025	Stormwater Diversion Chamber	Junction Box	Tight seal cover and carbon canister
P028	"A" Train Diesel Hydrotreater	Drains in entire unit	Water seals
P029	"B" Train Gas Oil Hydrotreater	Drains in entire unit	Water seals



P036	Coker 3	Drains in entire unit	Water seals
P037	SRU #2 and #3	Drains in entire unit	Water seals
T153	Storage of petroleum liquids	Tank drain system	Drain/dike valve
T154	Storage of petroleum liquids	Tank drain system	Drain/dike valve
T155	Storage of petroleum liquids	Tank drain system	Drain/dike valve
T156	Storage of petroleum liquids	Tank drain system	Drain/dike valve
T157	Storage of petroleum liquids	Tank drain system	Drain/dike valve
T159	Storage of petroleum liquids	Tank drain system	Drain/dike valve
T161	Storage of petroleum liquids	Tank drain system	Drain/dike valve
T163	Storage of petroleum liquids	Tank drain system	Drain/dike valve
T164	Storage of petroleum liquids	Tank drain system	Drain/dike valve
T166	Storage of petroleum liquids	Tank drain system	Drain/dike valve
T167	Storage of petroleum liquids	Tank drain system	Drain/dike valve
P025	84-inch trunk line sewer (existing)	Drains refinery process units, tank fields, parking lots, building roofs	Water seals
P025	72-inch sewer (being installed under this permit to install)	Drains the east tank field, a portion of the west tank field, and parking lots and building roofs located in the south end of the refinery. Discharges to the existing 84-inch trunk line sewer.	Water seals
P025	(2) 54-inch sewers (being installed under this permit to install)	One drains a portion of the west tank field and parking lots and building roofs located in the south end of the refinery. The other drains refinery process units. Both 54-inch sewers discharge to the new 72-inch trunk line sewer.	Water seals



P025	Separator (existing)	Treatment of oily water and storm water received from the refinery through the existing 84-inch trunk line sewer.	Floating roof covers
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(2) Table II, Benzene Waste NESHAPs (40 CFR Part 61, Subpart FF) Affected Equipment

The Toledo refinery complies with the 6 Mg/yr option in Subpart FF [61.342(e)]. This compliance option allows the refinery some discretion on which portions of the waste water system are controlled as long as the uncontrolled total benzene quantity (as determined by procedures in 40 CFR 61.355(k)) is less than or equal to 6.0 Mg/yr. To meet this requirement, the refinery at the time of issuance of this permit, controls the following equipment in benzene waste service to the standards of 40 CFR Part 61, Subpart FF.

Affected Unit Description	Applicable Standard (Controls)
Sump #1	[61.346 - Standards: Individual Drain Systems] (Carbon Canisters)
Sump #2	[61.346 - Standards: Individual Drain Systems] (Carbon Canisters)
Sump #3	[61.346 - Standards: Individual Drain Systems] (Carbon Canisters)
T073 (PR-500084)	[40 CFR 61.351 - Alternative Standards for Tanks] (EFR in compliance with NSPS Kb standards)
T166 (PR-500014)	[40 CFR 61.351 - Alternative Standards for Tanks] (EFR in compliance with NSPS Kb standards)
T167 (PR-500015)	[40 CFR 61.351 - Alternative Standards for Tanks] (EFR in compliance with NSPS Kb standards)
2 Parallel Vacuum Benzene Strippers	[40 CFR 61.348 - Standards: Treatment Processes] (Closed vent system vented to the main hydrocarbon flare system (West & East flares). If West flare taken out of service, there is a backup tie into the SRU #1 Acid Gas Flare.)
Drain at T089 (PR-500151) to Sump #1	[61.346 - Standards: Individual Drain Systems] (Water Seal)
Drain at T010 (PR-500152) to Sump #1	[61.346 - Standards: Individual Drain Systems] (Water Seal)
Drain at T011 (PR-500153) to Sump #1	[61.346 - Standards: Individual Drain Systems] (Water Seal)
Drain at T016 (PR-500154) to Sump #1	[61.346 - Standards: Individual Drain Systems] (Water Seal)
Drain at T017 (PR-500155) to Sump #1	[61.346 - Standards: Individual Drain Systems] (Water Seal)



Drain at T018 (PR-500156) to Sump #1	[61.346 - Standards: Individual Drain Systems] (Water Seal)
Drain at T019 (PR-500157) to Sump #1	[61.346 - Standards: Individual Drain Systems] (Water Seal)
Drain at T044 (PR-500158) to Sump #1	[61.346 - Standards: Individual Drain Systems] (Water Seal)
Drain at T041 (PR-500130) to Sump #2	[61.346 - Standards: Individual Drain Systems] (Water Seal)
Drain at T040 (PR-500131) to Sump #2	[61.346 - Standards: Individual Drain Systems] (Water Seal)
Drain at T120 (PR-500132) to Sump #2	[61.346 - Standards: Individual Drain Systems] (Water Seal)
Drain at T084 (PR-500134) to Sump #2	[61.346 - Standards: Individual Drain Systems] (Water Seal)
Drain at T085 (PR-500135) to Sump #2	[61.346 - Standards: Individual Drain Systems] (Water Seal)
Drain at T035 (PR-500143) to Sump #2	[61.346 - Standards: Individual Drain Systems] (Water Seal)
Drain at T166 (PR-500014) to Sump #6	[61.346 - Standards: Individual Drain Systems] (Water Seal)
Drain at T167 (PR-500015) to Sump #6	[61.346 - Standards: Individual Drain Systems] (Water Seal)

Note: The Oil Water Sewer API Separators do not need to meet the requirements of 40 CFR 61.347 because the refinery complies with the 40 CFR 61.342(e) (6 Mg/yr option), not 40 CFR 61.342(c).