42-045-00016

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

SOUTHEAST REGIONAL OFFICE

October 6, 2011

Ms. Meggie Porrini
Environmental Specialist
Sunoco Logistics Partners, L.P.
4041 Market Street
Aston, PA 19014

Re: Sunoco Partners Marketing & Terminals, L.P.—Darby Creek Tank Farm
Title V Operating Permit No. 23-00011
APS ID 546342, AUTH ID 816890
Darby Township
Delaware County
FINAL PERMIT ISSUANCE—RENEWAL

RECEIVED
OCT 27 2011
3AP20

Dear Ms. Porrini:

Please find enclosed renewal Title V Operating Permit (TVOP) No. 23-00011 for Sunoco Partners Marketing & Terminals, L.P., for its Darby Creek Tank Farm facility. All changes to the TVOP are detailed in Section G (Miscellaneous) of the TVOP. All monitoring, recordkeeping, and reporting requirements shall begin on the effective date. Please include the TVOP number above with any correspondence to the Department of Environmental Protection (Department) concerning the TVOP.

Condition No. 024, Section B, of the TVOP requires you to submit annual compliance certifications to the Environmental Protection Agency (EPA) Administrator as well as to the Department. The appropriate addresses are as follows:

U.S. EPA, Region III
Office of Air Enforcement and Compliance Assistance (3AP20)
Air Protection Division
1650 Arch Street
Philadelphia, PA 19103-2029

Regional Air Quality Program Manager
Department of Environmental Protection
Southeast Regional Office
2 East Main Street
Norristown, PA 19401

The following areas are addressed in the TVOP concerning the sources and any noted control equipment at your facility:

- Restrictions
- Testing Restrictions
- Monitoring Requirements
- Recordkeeping Requirements
- Reporting Requirements
- Work Practice Standards
- Compliance Certification

Any person aggrieved by this action may appeal, pursuant to Section 4 of the Environmental Hearing Board Act, 35 P.S. Section 7514, and the Administrative Agency Law, 2 Pa.C.S. Chapter 5A, to the Environmental Hearing Board, Second Floor, Rachel Carson State Office Building, 400 Market Street, P.O. Box 8457, Harrisburg, PA 17105-8457, 717.787.3483. TDD users may contact the Board through the Pennsylvania Relay Service, 800.654.5984. Appeals must be filed with the Environmental Hearing Board within 30 days of receipt of written notice of this action unless the appropriate statute provides a different time period. Copies of the appeal form and the Board's rules of practice and procedure may be obtained from the Board. The appeal form and the Board's rules of practice and procedure are also available in braille or on audiotape from the Secretary to the Board at 717.787.3483. This paragraph does not, in and of itself, create any right of appeal beyond that permitted by applicable statutes and decisional law.

IF YOU WANT TO CHALLENGE THIS ACTION, YOUR APPEAL MUST REACH THE BOARD WITHIN 30 DAYS. YOU DO NOT NEED A LAWYER TO FILE AN APPEAL WITH THE BOARD.

IMPORTANT LEGAL RIGHTS ARE AT STAKE, HOWEVER, SO YOU SHOULD SHOW THIS DOCUMENT TO A LAWYER AT ONCE. IF YOU CANNOT AFFORD A LAWYER, YOU MAY QUALIFY FOR FREE PRO BONO REPRESENTATION. CALL THE SECRETARY TO THE BOARD (717.787.3483) FOR MORE INFORMATION.

If you have any questions concerning the terms and conditions of the SOOP, please contact me at the phone number located in the first page footer.

Sincerely,

Janine Tulloch-Reid

Janine Tulloch-Reid, P.E.
Environmental Engineer Manager
Facilities Permitting Section
Air Quality

Enclosure

cc: Division of Permits – Central Office (Harrisburg) (w/enclosure)
U.S. EPA – Region III (w/enclosure)
Mr. McLemore – AQ District Supervisor (w/enclosure)
Mr. Smith – Permit Reviewer
File No. 23-00011 (w/enclosure)
Re 30 (dh11aq)266-9

COMMONWEALTH OF PENNSYLVANIA
Department of Environmental Protection
Southeast Regional Office
September 26, 2011
484.250.5920

Subject: Technical Review Memo
Renewal of Title V Operating Permit No. 23-00011
APS ID 546342, AUTH ID 816890
Sunoco Partners Marketing & Terminals, L.P.—Darby Creek Tank Farm
Hook & Calcon Hook Roads
Sharon Hill, PA 19079

To: James D. Rebarchak 10/5/2011
Regional Air Quality Program Manager
Air Quality Program
Southeast Region

From: David S. Smith DSS 9/26/11
Engineering Specialist
Facilities Permitting Section
Air Quality Program

Through: Janine Tulloch-Reid, P.E. JET 10/3/2011
Environmental Engineer Manager
Facilities Permitting Section
Air Quality Program

I. Facility/Title V Operating Permit ("TVOP") History

On August 10, 2000, the Department of Environmental Protection ("Department") issued TVOP No. 23-00011 to Sunoco, Inc. (R&M) for 28 crude oil (external floating roof) storage tanks, a waste oil (fixed roof) storage tank, and a wastewater separator at its Darby Creek Tank Farm facility, which is located in Sharon Hill, Darby Township, Delaware County.

On November 4, 2002, the Department amended the TVOP to account for the change of ownership of the facility from Sunoco, Inc. (R&M) to Sunoco Partners Marketing & Terminals, L.P. ("SPM&T"). On September 1, 2005, the Department renewed the TVOP, which reflected the removal of two crude oil storage tanks from the facility.

On February 11, 2010, and July 15, 2010, the Department issued General Plan Approvals and General Operating Permits (BAQ-GPA/GP-2s) No. GP2-23-0225 and GP2-23-0226, respectively, for two crude oil storage tanks that were permitted under the TVOP but reactivated after being out of service for at least one (1) year.

On December 4, 2009, the Department received a renewal TVOP application for the facility from SPM&T. As the applicable sections of the renewal TVOP application were completed and the required application fee [25 Pa. Code § 127.704(b)(3)] and copies and proof of notifications to the municipality and county [Act 14 (1984) and 25 Pa. Code § 127.413] were included, the Department considers the renewal TVOP application administratively complete [25 Pa. Code § 127.421(a)] as of the same date. Also, as the renewal TVOP application was submitted between six and eighteen months prior to September 1, 2010, the expiration date of the TVOP, the renewal TVOP application is considered timely [25 Pa. Code § 127.446(e)].

Though the TVOP is currently expired, SPM&T is currently operating its facility under an application shield. The application shield is based on the facts that the renewal TVOP application is considered timely and administratively complete and that SPM&T does not have any past due Title V emission fees.

II. Revisions to the TVOP

The following changes have been reflected in the renewal TVOP:

- The owner mailing address has been changed to 4041 Market Street, Aston, PA 19014-3121.
- The responsible official has been changed to Matthew Gordon, Operations Manager, 215.937.6264.
- The permit contact person has been changed to Meggie Porrini, Environmental Specialist, 610.859.5428.
- The EPA branch which to submit reports or notifications to, as indicated in Condition # 020(b), Section B, of the previously-renewed TVOP (same condition number in the renewal TVOP), has been changed from "Air Enforcement Branch (3AP12)" to "Office of Air Enforcement and Compliance Assistance (3AP20)."
- The definition of the term "air pollution" has been removed from Condition # 001, Section C, of the previously-renewed TVOP (same condition number in the renewal TVOP).
- Conditions # 002(b) and 021, Section C, of the previously-renewed TVOP, have been removed.
- The VOC emission restrictions for the wastewater separator (Source ID 138) and waste oil storage tank (Source ID 143) have been removed from Condition # 005, Section C, of the previously-renewed TVOP (same condition number in the renewal TVOP).
- Open burning exceptions for fires set solely for recreational or ceremonial purposes, and for cooking food, have been added to Condition # 006, Section C, of the previously-renewed TVOP (same condition number in the renewal TVOP), as Sub-conditions (d) and (e), respectively.
- An additional authority citation to 25 Pa. Code § 127.443(b) has been added to each condition in the renewal TVOP that is based on a condition found in (a)(1)–(4), above.
- An additional authority citation to 25 Pa. Code § 127.512(h) has been added to each condition in the renewal TVOP containing a pollutant emission restriction or standard.
- The additional authority citation to 25 Pa. Code § 127.512 has been removed from Conditions # 007, 019, and 020, Section C, of the previously-renewed TVOP (Conditions # 007, 021, and 022, Section C, of the renewal TVOP).
- The following for Condition # 008, Section C, of the previously-renewed TVOP (same condition number in the renewal TVOP):
  - The language in Sub-condition (b) has been revised to specify that objectionable odors are considered a deviation only if they cross the property line.
  - Sub-condition (b)(3) has been removed.
- The following for Condition # 009, Section C, of the previously-renewed TVOP (same condition number in the renewal TVOP):
  - Sub-conditions (1) and (3) have been removed.
  - Items to be maintained for the record of deviations have been added to Sub-condition (2)(a) (reorganized as (a)(1)–(4)).

- The following for Condition # 010, Section C, of the previously-renewed TVOP (Condition # 012, Section C, of the renewal TVOP):
  - The requirements to maintain records of each component screening for the LDAR program, including the date that the component was screened, screening value, leak/no leak determination, and date and type of any repairs, as indicated in Sub-conditions (1) and (2), have been consolidated (reorganized as Sub-conditions (a)–(d), respectively).
  - Sub-condition (3) has been removed.
- The following for Condition # 011, Section C, of the previously-renewed TVOP (Condition # 012, Section C, of the renewal TVOP):
  - The citation has been changed from 25 Pa. Code § 129.56 to 25 Pa. Code § 127.441.
  - An additional authority citation to 25 Pa. Code § 129.56(f)(3) has been added.
  - A requirement to maintain records of the throughput for each storage tank has been added as Sub-condition (b).
- A requirement to maintain records of all of the facility's emission increases has been added as Condition # 010, Section C, of the renewal TVOP.
- A requirement to maintain and make available, upon request by the Department, all records, reports, and analysis results used to comply with the renewal TVOP has been added as Condition # 011, Section C, of the renewal TVOP.
- Requirements to maintain records of and calculate the total VOC emissions from the facility have been added as Conditions # 014 and 024, Section C, of the renewal TVOP, respectively.
- The following for Condition # 012, Section C, of the previously-renewed TVOP (Condition # 015, Section C, of the renewal TVOP):
  - The Department telephone number at which to report any malfunction(s), as specified in Sub-condition (a), has been changed to 484.250.5920.
  - Items to describe in the written report of a malfunction(s) have been added as Sub-conditions (c)(2) and (4).
- The following for Condition # 013, Section C, of the previously-renewed TVOP (Condition # 016, Section C, of the renewal TVOP):
  - An additional authority citation to 25 Pa. Code § 127.513(5)(i)–(v) has been added.
  - Sub-condition (a) has been removed.
  - A requirement to submit to the Department a certificate of compliance for the facility has been added as Sub-condition (a).
  - The dates by which to submit the semi-annual deviation reports, as indicated in Sub-condition (b), have been changed from March 1 and September 1, of each year, to April 1 and October 1, of each year.
- The following for Condition # 015, Section C, of the previously-renewed TVOP (Condition # 018, Section C, of the renewal TVOP):
  - The name of the report has been changed from "Air Information Management System (AIMS) inventory report" to "source report."
  - A statement that source reports shall include information from each previously-reported source(s), a new source(s) which was first operated during the preceding calendar year, and each source(s) modified during

the same period that was not previously reported, including any source(s) listed in Section G, of the renewal TVOP, has been added as part of Sub-condition (a).

- A statement that the permittee may request an extension of time from the Department for the filing of a source report, and the Department may grant the extension for reasonable cause, has been added as Sub-condition (b).

- The starting date and frequency for submitting a certificate of compliance has been removed from Section C, Sub-section VIII.

- The following for Condition # 001, Section D (under Source IDs 108–135 and 139–141), of the previously-renewed TVOP:
  - The citation has been changed from 25 Pa. Code § 129.56 to 25 Pa. Code § 127.441.
  - An additional authority citation to 25 Pa. Code § 129.56(a)(1) has been added.
  - It has been moved from Sub-section I to Sub-section VI (as Condition # 005, Section D (under Source IDs 108–135 and 139), of the renewal TVOP, and Condition # 006, Section D (under Source IDs 140–141), of the renewal TVOP).

- The following for Condition # 002, Section D (under Source IDs 108–135 and 139), of the previously-renewed TVOP (Condition # 001, Section D (under Source IDs 108–135 and 139), of the renewal TVOP):
  - The citation has been changed from 25 Pa. Code § 129.56 to 25 Pa. Code § 127.441.
  - The requirements to monitor the vapor pressure(s) for, and the temperature(s) used to calculate the vapor pressure(s) of the crude oil as stored in, each crude oil storage tank, have been removed.

- The following for Condition # 003, Section D (under Source IDs 108–135 and 139), of the previously-renewed TVOP:
  - The requirements to maintain records of the throughput for, type(s) of crude oil stored in, maximum true vapor pressure(s) of the crude oil as stored in, temperature(s) used to calculate the maximum true vapor pressure(s) for (i.e., the average storage temperature(s) for the hottest month of the year in which the storage takes place), and results of all inspections performed for each crude oil storage tank, as indicated in Sub-condition (1), have been reorganized as/split into Conditions # 002(b), (a), (e), and (d) and 003(a)–(c), Section D (under Source IDs 108–135 and 139), of the renewal TVOP, respectively.
  - The requirements to calculate and maintain records of the (total VOC) emissions from each crude oil storage tank, as indicated in Sub-condition (2), have been split into/reorganized as Conditions # 008(b) (moved from Sub-section IV to Sub-section VI) and 004, Section D (under Source IDs 108–135 and 139), of the renewal TVOP, respectively.
  - Sub-condition (3) has been removed.
  - The requirement to determine the (maximum true) vapor pressure for each crude oil storage tank using a temperature that is representative of the average storage temperature for the hottest month of the year in which the storage takes place, as indicated in Sub-condition (4), has been moved from Sub-section IV to Sub-section VI (as Condition # 008(a), Section D (under Source IDs 108–135 and 139), of the renewal TVOP.

- A requirement to maintain records of the starting and ending dates of storage for each type of crude oil for each crude oil storage tank has been added as Condition # 002(c), Section D (under Source IDs 108–135 and 139), of the renewal TVOP.

- The following for Condition # 004, Section D (under Source IDs 108–135 and 139), of the previously-renewed TVOP:

- The requirements to perform inspections of each crude oil storage tank, each associated external floating roof and secondary seal, and all associated pipes, valves, and flanges, as indicated in Sub-condition (A), have been reorganized as all or part of Condition # 007(a), (c), and (b), Section D (under Source IDs 108–135 and 139), of the renewal TVOP, respectively.
- The requirements for the primary seal and rim-mounted secondary seal of the external floating roof of each crude oil storage tank, as indicated in Sub-condition (B)(1)(i)–(iii), have been reorganized as Condition # 006(a)(1)(i)–(ii) and all or part of (a)(2)(i)–(iii), Section D (under Source IDs 108–135 and 139), of the renewal TVOP, respectively, except that the method for determining compliance with the secondary seal gap area restriction has been reorganized as Condition # 006(b), Section D (under Source IDs 108–135 and 139), of the renewal TVOP.
- The requirements for the openings, automatic bleeder vents, rim vents, and emergency roof drains of the external floating roof of each crude oil storage tank, as indicated in Sub-condition (B)(2)–(5), respectively, have been reorganized as Condition # 006(a)(6), (3), (4), and (5), Section D (under Source IDs 108–135 and 139), of the renewal TVOP, respectively.
- The requirements for repairing the external floating roof and components of each crude oil storage tank, as indicated in Sub-condition (B)(6), have been reorganized as part of Condition # 007(c), Section D (under Source IDs 108–135 and 139), of the renewal TVOP.

- A source description for each crude oil storage tank has been added as Condition # 009, Section D (under Source IDs 108–135 and 139), of the renewal TVOP, and Condition # 011, Section D (under Source IDs 140–141), of the renewal TVOP.

- The following for Condition # 002, Section D (under Source ID 138), of the previously-renewed TVOP:
  - The requirement to include the components of the wastewater separator in the LDAR program, as indicated in Sub-condition (1), has been moved from Sub-section III to Sub-section VI (as Condition # 006, Section D (under Source ID 138), of the renewal TVOP).
  - The requirements to monitor the throughput for and type(s) of volatile petroleum liquid(s) stored in the wastewater separator, as indicated in Sub-condition (2), have been reorganized as Condition # 002(b) and (a), Section D (under Source ID 138), of the renewal TVOP, respectively.
  - The requirement to monitor the vapor pressure(s) of the volatile petroleum liquid(s) as stored in the wastewater separator, as indicated in Sub-condition (2), has been removed.

- The following for Condition # 003, Section D (under Source ID 138), of the previously-renewed TVOP:
  - The requirements to maintain records of the throughput for, type(s) of volatile petroleum liquid(s) stored in, and (maximum true) vapor pressure(s) of the volatile petroleum liquid(s) as stored in the wastewater separator, as indicated in Sub-condition (1), have been reorganized as Condition # 003(b), (a), and (e), Section D (under Source ID 138), of the renewal TVOP, respectively.
  - The requirements to calculate and maintain records of the (total VOC) emissions from the wastewater separator, as indicated in Sub-condition (2), have been split into/reorganized as Conditions # 007(b) (moved from Sub-section IV to Sub-section VI) and 004, Section D (under Source ID 138), of the renewal TVOP, respectively.
  - Sub-condition (3) has been removed.

- Requirements to maintain records of the starting and ending dates of storage, and the average storage temperature for the hottest month of the year in which the storage takes place, for each type of volatile petroleum liquid stored in the wastewater separator, have been added as Condition # 003(c) and (d), Section D (under Source ID 138), of the renewal TVOP, respectively.

- A requirement to determine the maximum true vapor pressure for the wastewater separator using a temperature that is representative of the average storage temperature for the hottest month of the year in which the storage takes place, has been added as Condition # 007(a), Section D (under Source ID 138), of the renewal TVOP.

- A source description for the wastewater separator has been added as Condition # 008, Section D (under Source ID 138), of the renewal TVOP.

- The following for Condition # 002, Section D (under Source IDs 140–141), of the previously-renewed TVOP:
  - The requirements to monitor the throughput for and type(s) of crude oil stored in each crude oil storage tank have been reorganized as Condition # 001(b) and (a), Section D (under Source IDs 140–141), of the renewal TVOP, respectively.
  - The requirements to monitor the vapor pressure(s) for, and the temperature(s) used to calculate the vapor pressure(s) of the crude oil as stored in, each crude oil storage tank, have been removed.

- The following for Condition # 003, Section D (under Source IDs 140–141), of the previously-renewed TVOP:
  - The requirements to maintain records of the throughput for, type(s) of crude oil stored in, (maximum true) vapor pressure(s) of the crude oil as stored in, and temperature(s) used to calculate the maximum true vapor pressure(s) for each crude oil storage tank, as indicated in Sub-condition (1), have been reorganized as Condition # 002(b), (a), (e), and (d), Section D (under Source IDs 140–141), of the renewal TVOP, respectively.
  - The requirements to calculate and maintain records of the (total VOC) emissions from each crude oil storage tank, as indicated in Sub-condition (2), have been split into/reorganized as Conditions # 010(d) (moved from Sub-section IV to Sub-section VI) and 004, Section D (under Source IDs 140–141), of the renewal TVOP, respectively.

- The following for Condition # 004, Section D (under Source IDs 140–141), of the previously-renewed TVOP:
  - The period of time for which to maintain records of each primary and secondary seal gap measurement for the external floating roof of each crude oil storage tank, has been removed.
  - The requirements to maintain records of the date of, and data and calculations for, each primary and secondary seal gap measurement for the external floating roof of each crude oil storage tank, have been reorganized as part or all of Condition # 003(a) and (b), Section D (under Source IDs 140–141), of the renewal TVOP, respectively.

- The following for Condition # 005, Section D (under Source IDs 140–141), of the previously-renewed TVOP:
  - The citation has been changed from 25 Pa. Code § 129.56 to 25 Pa. Code § 127.441.
  - An additional authority citation to 25 Pa. Code § 129.56(f)(3) has been added.
  - The following for Sub-condition (1):
    - The requirements to maintain records of the type(s) of volatile petroleum liquids stored in and maximum true vapor pressure(s) of the crude oil as stored in each crude oil storage tank, as well as the period of time for which to do so, have been removed.
    - The requirement to maintain records of the results of all inspections performed for each crude oil storage tank has been reorganized as part or all of Condition # 003(a)–(c), Section D (under Source IDs 140–141), of the renewal TVOP.
  - The requirement to determine the vapor pressure for each crude oil storage tank using a temperature that is representative of the average storage temperature for the hottest month of the year in which the storage takes place, as indicated in Sub-condition (2), has been moved from Sub-section IV to Sub-section VI (as Condition # 010(a), Section D (under Source IDs 140–141), of the renewal TVOP.

- A statement that the permittee may use available data on the typical Reid vapor pressure and nomographs contained in API Bulletin 2517 to determine the maximum true vapor pressure of the crude oil as stored, unless the Department specifically requests that the actual storage temperature be measured and the crude oil be sampled to determine the Reid vapor pressure, as indicated in Sub-condition (3), has been moved from Sub-section IV to Sub-section VI (as Condition # 010(b), Section D (under Source IDs 140–141), of the renewal TVOP.
- The requirement to use available data to determine the (maximum) true vapor pressure of the crude oil either when the Reid vapor pressure is less than 2.0 *psia* or the physical properties of the crude oil preclude determination of the Reid vapor pressure via the recommended method (i.e., sampling), as indicated in Sub-condition (4), has been moved from Sub-section IV to Sub-section VI (as Condition # 010(c), Section D (under Source IDs 140–141), of the renewal TVOP.

- An additional authority citation to 25 Pa. Code § 129.56 has been added to each condition in the renewal TVOP containing certain requirements for storage tanks greater than 40,000 gallons containing VOCs.

- A requirement to maintain records of the starting and ending dates of storage for each type of crude oil for each of the 11,870,431-*gal* crude oil storage tanks has been added as Condition # 002(c), Section D (under Source IDs 140–141), of the renewal TVOP.

- The following for Condition # 007, Section D (under Source IDs 140–141), of the previously-renewed TVOP:
  - The requirements to perform inspections of each crude oil storage tank, each associated external floating roof and secondary seal, and all associated pipes, valves, and flanges, have been reorganized as all or part of Condition # 007(a), (c), and (b), Section D (under Source IDs 140–141), of the renewal TVOP, respectively.
  - The requirements for measuring the gap areas of the primary and secondary seals of the external floating roof of each crude oil storage tank, as indicated in Sub-conditions (1)(a)–(c) and (4) (schedule) and (2)(a)–(c) and (3) (procedures), have been reorganized as Condition # 008(a)(1)–(4) and (b)(1)–(4), Section D (under Source IDs 140–141), of the renewal TVOP, respectively.

- The requirements for repairing the external floating roof and components of each of the 11,870,431-*gal* crude oil storage tanks, as indicated in Condition # 009, Section D (under Source IDs 140–141), of the previously-renewed TVOP, have been reorganized as part of Condition # 009(c), Section D (under Source IDs 140–141), of the renewal TVOP.

- A statement that each of the 11,870,431-*gal* crude oil storage tanks is subject to 40 C.F.R Part 60, Subpart Ka, has been added as Condition # 012, Section D (under Source IDs 140–141), of the renewal TVOP.

- The requirement to ensure that the waste oil storage tank is equipped with pressure relief valves set to release at no less than 0.7 *psig* of pressure and 0.3 *psig* of vacuum whenever the true vapor pressure of the waste oil stored in the tank is greater than 1.5 *psia*, as indicated in Condition # 002, Section D (under Source ID 143), of the previously-renewed TVOP, has been moved from Sub-section I to Sub-section VI (as Condition # 006, Section D (under Source ID 143), of the renewal TVOP).

- The following for Condition # 003, Section D (under Source ID 143), of the previously-renewed TVOP:
  - The requirements to monitor the throughput for and type(s) of waste oil stored in the waste oil storage tank have been reorganized as Condition # 002(b) and (a), Section D (under Source ID 143), of the renewal TVOP, respectively.
  - The requirements to monitor the vapor pressure(s) for, and the temperature(s) used to calculate the vapor pressure(s) of the waste oil as stored in, the waste oil storage tank, have been removed.

- The following for Condition # 004, Section D (under Source ID 143), of the previously-renewed TVOP:
  - The requirements to maintain records of the throughput for, type(s) of waste oil stored in, temperature(s) used to calculate the (maximum true) vapor pressure(s) for, and (maximum true) vapor pressure(s) of the waste oil as stored in, the waste oil storage tank, as indicated in Sub-condition (1), have been reorganized as Condition # 003(b), (a), (d), and (e), Section D (under Source ID 143), of the renewal TVOP, respectively.
  - The requirements to calculate and maintain records of the (total VOC) emissions from the waste oil storage tank, as indicated in Sub-condition (2), have been split into/reorganized as Conditions # 008(b) (moved from Sub-section IV to Sub-section VI) and 005, Section D (under Source IDs 143), of the renewal TVOP, respectively.
  - A requirement to maintain records of the starting and ending dates of storage for each type of waste oil for the waste oil storage tank has been added as Condition # 003(c), Section D (under Source ID 143), of the renewal TVOP.
- A requirement to maintain records of all maintenance inspections for the waste oil storage tank has been added as Condition # 004(a)–(b), Section D (under Source ID 143), of the renewal TVOP.
- Requirements to perform inspections of the waste oil storage tank and all associated pipes, valves, and flanges, have been added as Condition # 007(a) and (b), Section D (under Source ID 143), of the renewal TVOP, respectively.
- A requirement to determine the maximum true vapor pressure for the waste oil storage tank using a temperature that is representative of the average storage temperature for the hottest month of the year in which the storage takes place, has been added as Condition # 007(a), Section D (under Source ID 143), of the renewal TVOP.
- A source description for the waste oil storage tank has been added as Condition # 008, Section D (under Source ID 143), of the renewal TVOP.

III. Recommendations

Based upon a review of the previously-renewed (i.e., current) TVOP, BAQ-GPA/GP-2s, and the renewal TVOP application, I recommend that Title V Operating Permit No. 23-00011 be renewed for SPM&T for its Darby Creek Tank Farm facility, which is located in Sharon Hill, Darby Township, Delaware County.

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF AIR QUALITY

COMMENT AND RESPONSE DOCUMENT

DRAFT TITLE V OPERATING PERMIT (TVOP)

SUNOCO PARTNERS MARKETING & TERMINALS, L.P.
DARBY CREEK TANK FARM FACILITY
TVOP NO. 23-00011

September 26, 2011

The Pennsylvania Department of Environmental Protection (Department) did not receive any comments on the draft TVOP for the Sunoco Partners Marketing & Terminals, L.P.—Darby Creek Tank Farm facility. Notice of the public comment period was published in the *Pennsylvania Bulletin* on June 25, 2011, and in the *Delaware County Daily Times* on August 1–3, 2011.

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

TITLE V/STATE OPERATING PERMIT

Issue Date: October 6, 2011 Effective Date: October 6, 2011

Expiration Date: October 6, 2016

In accordance with the provisions of the Air Pollution Control Act, the Act of January 8, 1960, P.L. 2119, as amended, and 25 Pa. Code Chapter 127, the Owner [and Operator, if noted] (hereinafter referred to as permittee) identified below is authorized by the Department of Environmental Protection (Department) to operate the air emission source(s) more fully described in this permit. This facility is subject to all terms and conditions specified in this permit. Nothing in this permit relieves the permittee from its obligations to comply with all applicable federal, state, and local laws and regulations.

The regulatory or statutory authority for each permit condition is set forth in brackets. All terms and conditions in this permit are federally enforceable applicable requirements unless otherwise designated as "State-Only" or "non-applicable" requirements.

TITLE V Permit No: 23-00011

Federal Tax ID/Plant Code: 23-3102655-31

Owner Information

Name: SUNOCO PARTNERS MKT & TERM LP
Mailing Address: 4041 MARKET ST
ASTON, PA 19014-3121

Plant Information

Plant: SUNOCO PARTNERS MKT & TERM LP/DARBY CREEK TANK FARM
Location: 23 Delaware County 23009 Darby Township
SIC Code: 4612 Transportation & Utilities – Crude Petroleum Pipelines

Responsible Official

Name: MATTHEW GORDON
Title: OPERATIONS MANAGER
Phone: (215) 937-6264

Permit Contact Person

Name: MEGGIE PORRINI
Title: ENVIRONMENTAL SPECIALIST
Phone: (610) 859-5428

[Signature] James D. Rebarchak
JAMES D REBARCHAK, SOUTHEAST REGION AIR PROGRAM MANAGER

SECTION A. Table of Contents

Section A. Facility/Source Identification

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Site Inventory List

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SECTION A. Site Inventory List

Source ID	Source Name	Capacity/Throughput		Fuel/Material
108	TANK DC-3: 4,058,588 GAL EXT FTR.ROOF	17,262.000	Gal/HR	CRUDE OIL
109	TANK DC-4: 4,058,588 GAL EXT FLTR.ROOF	17,262.000	Gal/HR	CRUDE OIL
110	TANK DC-5: 4,058,588 GAL EXT FTR.ROOF	17,262.000	Gal/HR	CRUDE OIL
111	TANK DC-6: 4,058,588 GAL EXT FTR.ROOF	17,262.000	Gal/HR	CRUDE OIL
112	TANK DC-7: 4,058,588 GAL EXT FTR.ROOF	17,262.000	Gal/HR	CRUDE OIL
114	TANK DC-10: 4,058,588 GAL EXT FTR.ROOF	17,262.000	Gal/HR	CRUDE OIL
115	TANK DC-11: 4,058,588 GAL EXT FTR.ROOF	17,262.000	Gal/HR	CRUDE OIL
116	TANK DC-12: 4,058,588 GAL EXT FTR.ROOF	17,262.000	Gal/HR	CRUDE OIL
117	TANK DC-13: 4,058,588 GAL EXT FTR.ROOF	17,262.000	Gal/HR	CRUDE OIL
118	TANK DC-14: 4,058,588 GAL EXT FTR.ROOF	17,262.000	Gal/HR	CRUDE OIL
119	TANK DC-15: 4,058,588 GAL EXT FTR.ROOF	17,262.000	Gal/HR	CRUDE OIL
120	TANK DC-16: 4,058,588 GAL EXT FTR.ROOF	17,262.000	Gal/HR	CRUDE OIL
121	TANK DC-17: 4,058,588 GAL EXT FTR.ROOF	17,262.000	Gal/HR	CRUDE OIL
122	TANK DC-18: 4,058,588 GAL EXT FTR.ROOF	17,262.000	Gal/HR	CRUDE OIL
123	TANK DC-19: 4,058,588 GAL EXT FTR.ROOF	17,262.000	Gal/HR	CRUDE OIL
124	TANK DC-20: 4,058,588 GAL EXT FTR.ROOF	17,262.000	Gal/HR	CRUDE OIL
125	TANK DC-21: 4,058,588 GAL EXT FTR.ROOF	17,262.000	Gal/HR	CRUDE OIL
126	TANK DC-22: 4,058,588 GAL EXT FTR.ROOF	17,262.000	Gal/HR	CRUDE OIL
127	TANK DC-23: 4,058,588 GAL EXT FTR.ROOF	17,262.000	Gal/HR	CRUDE OIL
128	TANK DC-24: 4,058,588 GAL EXT FTR.ROOF	17,262.000	Gal/HR	CRUDE OIL
131	TANK DC-27: 4,058,588 GAL EXT FTR.ROOF	17,262.000	Gal/HR	CRUDE OIL
132	TANK DC-28: 4,058,588 GAL EXT FTR.ROOF	17,262.000	Gal/HR	CRUDE OIL
135	TANK DC-31: 4,058,588 GAL EXT FTR.ROOF	17,262.000	Gal/HR	CRUDE OIL
138	WASTEWATER SEPARATOR DC-4	2,280.000	Gal/HR	WASTEWATER
139	TANK DC-9: 4,058,588 GAL EXT FTR.ROOF	17,262.000	Gal/HR	CRUDE OIL
140	TANK DC-34: 11,870,431 GAL EXT FTR.ROOF	18,522.000	Gal/HR	CRUDE OIL
141	TANK DC-35: 11,870,431 GAL EXT FTR.ROOF	18,522.000	Gal/HR	CRUDE OIL
143	TANK DC-101: 31,708 GAL FXD.ROOF		N/A	WASTE OIL
Z03	FUGITIVE EMISSIONS			
Z04	FUGITIVE EMISSIONS			
Z05	FUGITIVE EMISSIONS			
Z06	FUGITIVE EMISSIONS			
Z07	FUGITIVE EMISSIONS			
Z09	FUGITIVE EMISSIONS			
Z10	FUGITIVE EMISSIONS			
Z11	FUGITIVE EMISSIONS			
Z12	FUGITIVE EMISSIONS			
Z13	FUGITIVE EMISSIONS			
Z14	FUGITIVE EMISSIONS			
Z15	FUGITIVE EMISSIONS			

SECTION A. Site Inventory List

Source ID	Source Name	Capacity/Throughput	Fuel/Material
Z16	FUGITIVE EMISSIONS		
Z17	FUGITIVE EMISSIONS		
Z18	FUGITIVE EMISSIONS		
Z19	FUGITIVE EMISSIONS		
Z20	FUGITIVE EMISSIONS		
Z21	FUGITIVE EMISSIONS		
Z22	FUGITIVE EMISSIONS		
Z23	FUGITIVE EMISSIONS		
Z26	FUGITIVE EMISSIONS		
Z27	FUGITIVE EMISSIONS		
Z30	FUGITIVE EMISSIONS		
Z35	FUGITIVE EMISSIONS		
Z36	FUGITIVE EMISSIONS		
Z37	FUGITIVE EMISSIONS		
Z38	FUGITIVE EMISSIONS		

PERMIT MAPS

PROC 108 →	STAC Z03
PROC 109 →	STAC Z04
PROC 110 →	STAC Z05
PROC 111 →	STAC Z06
PROC 112 →	STAC Z07
PROC 114 →	STAC Z09
PROC 115 →	STAC Z10
PROC 116 →	STAC Z11
PROC 117 →	STAC Z12

PERMIT MAPS

PROC 118 → STAC Z13	
PROC 119 → STAC Z14	
PROC 120 → STAC Z15	
PROC 121 → STAC Z16	
PROC 122 → STAC Z17	
PROC 123 → STAC Z18	
PROC 124 → STAC Z19	
PROC 125 → STAC Z20	
PROC 126 → STAC Z21	
PROC 127 → STAC Z22	
PROC 128 → STAC Z23	
PROC 131 → STAC Z26	
PROC 132 → STAC Z27	
PROC 135 → STAC Z30	
PROC 138 → STAC Z35	

PERMIT MAPS
PROC 139 → STAC Z36
PROC 140 → STAC Z37
PROC 141 → STAC Z38
PROC 143 → STAC Z38

SECTION B. General Title V Requirements

#001 [25 Pa. Code § 121.1]

Definitions

Words and terms that are not otherwise defined in this permit shall have the meanings set forth in Section 3 of the Air Pollution Control Act (35 P.S. § 4003) and 25 Pa. Code § 121.1.

#002 [25 Pa. Code § 127.512(c)(4)]

Property Rights

This permit does not convey property rights of any sort, or any exclusive privileges.

#003 [25 Pa. Code § 127.446(a) and (c)]

Permit Expiration

This operating permit is issued for a fixed term of five (5) years and shall expire on the date specified on Page 1 of this permit. The terms and conditions of the expired permit shall automatically continue pending issuance of a new Title V permit, provided the permittee has submitted a timely and complete application and paid applicable fees required under 25 Pa. Code Chapter 127, Subchapter I and the Department is unable, through no fault of the permittee, to issue or deny a new permit before the expiration of the previous permit. An application is complete if it contains sufficient information to begin processing the application, has the applicable sections completed and has been signed by a responsible official.

#004 [25 Pa. Code §§ 127.412, 127.413, 127.414, 127.446(e) & 127.503]

Permit Renewal

(a) An application for the renewal of the Title V permit shall be submitted to the Department at least six (6) months, and not more than 18 months, before the expiration date of this permit. The renewal application is timely if a complete application is submitted to the Department's Regional Air Manager within the timeframe specified in this permit condition.

(b) The application for permit renewal shall include the current permit number, the appropriate permit renewal fee, a description of any permit revisions and off-permit changes that occurred during the permit term, and any applicable requirements that were promulgated and not incorporated into the permit during the permit term.

(c) The renewal application shall also include submission of proof that the local municipality and county, in which the facility is located, have been notified in accordance with 25 Pa. Code § 127.413. The application for renewal of the Title V permit shall also include submission of compliance review forms which have been used by the permittee to update information submitted in accordance with either 25 Pa. Code § 127.412(b) or § 127.412(j).

(d) The permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall submit such supplementary facts or corrected information during the permit renewal process. The permittee shall also provide additional information as necessary to address any requirements that become applicable to the source after the date a complete renewal application was submitted but prior to release of a draft permit.

#005 [25 Pa. Code §§ 127.450(a)(4) & 127.464(a)]

Transfer of Ownership or Operational Control

(a) In accordance with 25 Pa. Code § 127.450(a)(4), a change in ownership or operational control of the source shall be treated as an administrative amendment if:

(1) The Department determines that no other change in the permit is necessary;

(2) A written agreement has been submitted to the Department identifying the specific date of the transfer of permit responsibility, coverage and liability between the current and the new permittee; and,

SECTION B. General Title V Requirements

(3) A compliance review form has been submitted to the Department and the permit transfer has been approved by the Department.

(b) In accordance with 25 Pa. Code § 127.464(a), this permit may not be transferred to another person except in cases of transfer-of-ownership which are documented and approved to the satisfaction of the Department.

#006 **[25 Pa. Code § 127.513, 35 P.S. § 4008 and § 114 of the CAA]**

Inspection and Entry

(a) Upon presentation of credentials and other documents as may be required by law for inspection and entry purposes, the permittee shall allow the Department of Environmental Protection or authorized representatives of the Department to perform the following:

(1) Enter at reasonable times upon the permittee's premises where a Title V source is located or emissions related activity is conducted, or where records are kept under the conditions of this permit;

(2) Have access to and copy or remove, at reasonable times, records that are kept under the conditions of this permit;

(3) Inspect at reasonable times, facilities, equipment including monitoring and air pollution control equipment, practices, or operations regulated or required under this permit;

(4) Sample or monitor, at reasonable times, substances or parameters, for the purpose of assuring compliance with the permit or applicable requirements as authorized by the Clean Air Act, the Air Pollution Control Act, or the regulations promulgated under the Acts.

(b) Pursuant to 35 P.S. § 4008, no person shall hinder, obstruct, prevent or interfere with the Department or its personnel in the performance of any duty authorized under the Air Pollution Control Act.

(c) Nothing in this permit condition shall limit the ability of the EPA to inspect or enter the premises of the permittee in accordance with Section 114 or other applicable provisions of the Clean Air Act.

#007 **[25 Pa. Code §§ 127.25, 127.444, & 127.512(c)(1)]**

Compliance Requirements

(a) The permittee shall comply with the conditions of this permit. Noncompliance with this permit constitutes a violation of the Clean Air Act and the Air Pollution Control Act and is grounds for one (1) or more of the following:

(1) Enforcement action

(2) Permit termination, revocation and reissuance or modification

(3) Denial of a permit renewal application

(b) A person may not cause or permit the operation of a source, which is subject to 25 Pa. Code Article III, unless the source(s) and air cleaning devices identified in the application for the plan approval and operating permit and the plan approval issued to the source are operated and maintained in accordance with specifications in the applications and the conditions in the plan approval and operating permit issued by the Department. A person may not cause or permit the operation of an air contamination source subject to 25 Pa. Code Chapter 127 in a manner inconsistent with good operating practices.

(c) For purposes of Sub-condition (b) of this permit condition, the specifications in applications for plan approvals and operating permits are the physical configurations and engineering design details which the Department determines are essential for the permittee's compliance with the applicable requirements in this Title V permit. Nothing in this sub-condition shall be construed to create an independent affirmative duty upon the permittee to obtain a predetermination from the Department for physical configuration or engineering design detail changes made by the permittee.

SECTION B. General Title V Requirements

#008 [25 Pa. Code § 127.512(c)(2)]

Need to Halt or Reduce Activity Not a Defense

It shall not be a defense for a 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 conditions of this permit.

#009 [25 Pa. Code §§ 127.411(d) & 127.512(c)(5)]

Duty to Provide Information

(a) The permittee shall furnish to the Department, within a reasonable time, information that the Department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit, or to determine compliance with the permit.

(b) Upon request, the permittee shall also furnish to the Department copies of records that the permittee is required to keep by this permit, or for information claimed to be confidential, the permittee may furnish such records directly to the Administrator of EPA along with a claim of confidentiality.

#010 [25 Pa. Code §§ 127.463, 127.512(c)(3) & 127.542]

Reopening and Revising the Title V Permit for Cause

(a) This Title V permit may be modified, revoked, reopened and reissued or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay a permit condition.

(b) This permit may be reopened, revised and reissued prior to expiration of the permit under one or more of the following circumstances:

(1) Additional applicable requirements under the Clean Air Act or the Air Pollution Control Act become applicable to a Title V facility with a remaining permit term of three (3) or more years prior to the expiration date of this permit. The Department will revise the permit as expeditiously as practicable but not later than 18 months after promulgation of the applicable standards or regulations. No such revision is required if the effective date of the requirement is later than the expiration date of this permit, unless the original permit or its terms and conditions has been extended.

(2) Additional requirements, including excess emissions requirements, become applicable to an affected source under the acid rain program. Upon approval by the Administrator of EPA, excess emissions offset plans for an affected source shall be incorporated into the permit.

(3) The Department or the EPA determines that this permit contains a material mistake or inaccurate statements were made in establishing the emissions standards or other terms or conditions of this permit.

(4) The Department or the Administrator of EPA determines that the permit must be revised or revoked to assure compliance with the applicable requirements.

(c) Proceedings to revise this permit shall follow the same procedures which apply to initial permit issuance and shall affect only those parts of this permit for which cause to revise exists. The revision shall be made as expeditiously as practicable.

(d) Regardless of whether a revision is made in accordance with (b)(1) above, the permittee shall meet the applicable standards or regulations promulgated under the Clean Air Act within the time frame required by standards or regulations.

#011 [25 Pa. Code § 127.543]

Reopening a Title V Permit for Cause by EPA

As required by the Clean Air Act and regulations adopted thereunder, this permit may be modified, reopened and reissued, revoked or terminated for cause by EPA in accordance with procedures specified in 25 Pa. Code § 127.543.

SECTION B. General Title V Requirements

#012 [25 Pa. Code § 127.541]

Significant Operating Permit Modifications

When permit modifications during the term of this permit do not qualify as minor permit modifications or administrative amendments, the permittee shall submit an application for significant Title V permit modifications in accordance with 25 Pa. Code § 127.541.

#013 [25 Pa. Code §§ 121.1 & 127.462]

Minor Operating Permit Modifications

(a) The permittee may make minor operating permit modifications (as defined in 25 Pa. Code § 121.1) in accordance with 25 Pa. Code § 127.462.

(b) Unless precluded by the Clean Air Act or the regulations thereunder, the permit shield described in 25 Pa. Code § 127.516 (relating to permit shield) shall extend to an operational flexibility change authorized by 25 Pa. Code § 127.462.

#014 [25 Pa. Code § 127.450]

Administrative Operating Permit Amendments

(a) The permittee may request administrative operating permit amendments, as defined in 25 Pa. Code § 127.450(a), according to procedures specified in § 127.450. Administrative amendments are not authorized for any amendment precluded by the Clean Air Act or the regulations thereunder from being processed as an administrative amendment.

(b) Upon taking final action granting a request for an administrative permit amendment in accordance with § 127.450(c), the Department will allow coverage under 25 Pa. Code § 127.516 (relating to permit shield) for administrative permit amendments which meet the relevant requirements of 25 Pa. Code Article III, unless precluded by the Clean Air Act or the regulations thereunder.

#015 [25 Pa. Code § 127.512(b)]

Severability Clause

The provisions of this permit are severable, and if any provision of this permit is determined by the Environmental Hearing Board or a court of competent jurisdiction to be invalid or unenforceable, such a determination will not affect the remaining provisions of this permit.

#016 [25 Pa. Code §§ 127.704, 127.705 & 127.707]

Fee Payment

(a) The permittee shall pay fees to the Department in accordance with the applicable fee schedules in 25 Pa. Code Chapter 127, Subchapter I (relating to plan approval and operating permit fees).

(b) Emission Fees. The permittee shall, on or before September 1st of each year, pay applicable annual Title V emission fees for emissions occurring in the previous calendar year as specified in 25 Pa. Code § 127.705. The permittee is not required to pay an emission fee for emissions of more than 4,000 tons of each regulated pollutant emitted from the facility.

(c) As used in this permit condition, the term "regulated pollutant" is defined as a VOC, each pollutant regulated under Sections 111 and 112 of the Clean Air Act and each pollutant for which a National Ambient Air Quality Standard has been promulgated, except that carbon monoxide is excluded.

(d) Late Payment. Late payment of emission fees will subject the permittee to the penalties prescribed in 25 Pa. Code § 127.707 and may result in the suspension or termination of the Title V permit. The permittee shall pay a penalty of fifty percent (50%) of the fee amount, plus interest on the fee amount computed in accordance with 26 U.S.C.A. § 6621(a)(2) from the date the emission fee should have been paid in accordance with the time frame specified in 25 Pa. Code § 127.705(c).

SECTION B. General Title V Requirements

(e) The permittee shall pay an annual operating permit administration fee according to the fee schedule established in 25 Pa. Code § 127.704(c) if the facility, identified in Subparagraph (iv) of the definition of the term "Title V facility" in 25 Pa. Code § 121.1, is subject to Title V after the EPA Administrator completes a rulemaking requiring regulation of those sources under Title V of the Clean Air Act.

(f) This permit condition does not apply to a Title V facility which qualifies for exemption from emission fees under 35 P.S. § 4006.3(f).

#017 [25 Pa. Code §§ 127.14(b) & 127.449]

Authorization for De Minimis Emission Increases

(a) This permit authorizes de minimis emission increases from a new or existing source in accordance with 25 Pa. Code §§ 127.14 and 127.449 without the need for a plan approval or prior issuance of a permit modification. The permittee shall provide the Department with seven (7) days prior written notice before commencing any de minimis emissions increase that would result from either: (1) a physical change of minor significance under § 127.14(c)(1); or (2) the construction, installation, modification or reactivation of an air contamination source. The written notice shall:

(1) Identify and describe the pollutants that will be emitted as a result of the de minimis emissions increase.

(2) Provide emission rates expressed in tons per year and in terms necessary to establish compliance consistent with any applicable requirement.

The Department may disapprove or condition de minimis emission increases at any time.

(b) Except as provided below in (c) and (d) of this permit condition, the permittee is authorized during the term of this permit to make de minimis emission increases (expressed in tons per year) up to the following amounts without the need for a plan approval or prior issuance of a permit modification:

(1) Four tons of carbon monoxide from a single source during the term of the permit and 20 tons of carbon monoxide at the facility during the term of the permit.

(2) One ton of NOx from a single source during the term of the permit and 5 tons of NOx at the facility during the term of the permit.

(3) One and six-tenths tons of the oxides of sulfur from a single source during the term of the permit and 8.0 tons of oxides of sulfur at the facility during the term of the permit.

(4) Six-tenths of a ton of PM10 from a single source during the term of the permit and 3.0 tons of PM10 at the facility during the term of the permit. This shall include emissions of a pollutant regulated under Section 112 of the Clean Air Act unless precluded by the Clean Air Act or 25 Pa. Code Article III.

(5) One ton of VOCs from a single source during the term of the permit and 5.0 tons of VOCs at the facility during the term of the permit. This shall include emissions of a pollutant regulated under Section 112 of the Clean Air Act unless precluded by the Clean Air Act or 25 Pa. Code Article III.

(c) In accordance with § 127.14, the permittee may install the following minor sources without the need for a plan approval:

(1) Air conditioning or ventilation systems not designed to remove pollutants generated or released from other sources.

(2) Combustion units rated at 2,500,000 or less Btu per hour of heat input.

(3) Combustion units with a rated capacity of less than 10,000,000 Btu per hour heat input fueled by natural gas supplied by a public utility, liquefied petroleum gas or by commercial fuel oils which are No. 2 or lighter, viscosity less

SECTION B. General Title V Requirements

than or equal to 5.82 c St, and which meet the sulfur content requirements of 25 Pa. Code § 123.22 (relating to combustion units). For purposes of this permit, commercial fuel oil shall be virgin oil which has no reprocessed, recycled or waste material added.

(4) Space heaters which heat by direct heat transfer.

(5) Laboratory equipment used exclusively for chemical or physical analysis.

(6) Other sources and classes of sources determined to be of minor significance by the Department.

(d) This permit does not authorize de minimis emission increases if the emissions increase would cause one or more of the following:

(1) Increase the emissions of a pollutant regulated under Section 112 of the Clean Air Act except as authorized in Subparagraphs (b)(4) and (5) of this permit condition.

(2) Subject the facility to the prevention of significant deterioration requirements in 25 Pa. Code Chapter 127, Subchapter D and/or the new source review requirements in Subchapter E.

(3) Violate any applicable requirement of the Air Pollution Control Act, the Clean Air Act, or the regulations promulgated under either of the acts.

(4) Changes which are modifications under any provision of Title I of the Clean Air Act and emission increases which would exceed the allowable emissions level (expressed as a rate of emissions or in terms of total emissions) under the Title V permit.

(e) Unless precluded by the Clean Air Act or the regulations thereunder, the permit shield described in 25 Pa. Code § 127.516 (relating to permit shield) applies to de minimis emission increases and the installation of minor sources made pursuant to this permit condition.

(f) Emissions authorized under this permit condition shall be included in the monitoring, recordkeeping and reporting requirements of this permit.

(g) Except for de minimis emission increases allowed under this permit, 25 Pa. Code § 127.449, or sources and physical changes meeting the requirements of 25 Pa. Code § 127.14, the permittee is prohibited from making physical changes or engaging in activities that are not specifically authorized under this permit without first applying for a plan approval. In accordance with § 127.14(b), a plan approval is not required for the construction, modification, reactivation, or installation of the sources creating the de minimis emissions increase.

(h) The permittee may not meet de minimis emission threshold levels by offsetting emission increases or decreases at the same source.

#018 [25 Pa. Code §§ 127.11a & 127.215]

Reactivation of Sources

(a) The permittee may reactivate a source at the facility that has been out of operation or production for at least one year, but less than or equal to five (5) years, if the source is reactivated in accordance with the requirements of 25 Pa. Code §§ 127.11a and 127.215. The reactivated source will not be considered a new source.

(b) A source which has been out of operation or production for more than five (5) years but less than 10 years may be reactivated and will not be considered a new source if the permittee satisfies the conditions specified in 25 Pa. Code § 127.11a(b).

SECTION B. General Title V Requirements

#019 [25 Pa. Code §§ 121.9 & 127.216]

Circumvention

(a) The owner of this Title V facility, or any other person, may not circumvent the new source review requirements of 25 Pa. Code Chapter 127, Subchapter E by causing or allowing a pattern of ownership or development, including the phasing, staging, delaying or engaging in incremental construction, over a geographic area of a facility which, except for the pattern of ownership or development, would otherwise require a permit or submission of a plan approval application.

(b) No person may permit the use of a device, stack height which exceeds good engineering practice stack height, dispersion technique or other technique which, without resulting in reduction of the total amount of air contaminants emitted, conceals or dilutes an emission of air contaminants which would otherwise be in violation of this permit, the Air Pollution Control Act or the regulations promulgated thereunder, except that with prior approval of the Department, the device or technique may be used for control of malodors.

#020 [25 Pa. Code §§ 127.402(d) & 127.513(1)]

Submissions

(a) Reports, test data, monitoring data, notifications and requests for renewal of the permit shall be submitted to the:

Regional Air Program Manager
PA Department of Environmental Protection
(At the address given on the permit transmittal letter,
or otherwise notified)

(b) Any report or notification for the EPA Administrator or EPA Region III should be addressed to:

Office of Air Enforcement and Compliance Assistance (3AP20)
United States Environmental Protection Agency
Region 3
1650 Arch Street
Philadelphia, PA 19103-2029

(c) An application, form, report or compliance certification submitted pursuant to this permit condition shall contain certification by a responsible official as to truth, accuracy, and completeness as required under 25 Pa. Code § 127.402(d). Unless otherwise required by the Clean Air Act or regulations adopted thereunder, this certification and any other certification required pursuant to this permit shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate and complete.

#021 [25 Pa. Code §§ 127.441(c) & 127.463(e); Chapter 139; & 114(a)(3), 504(b) of the CAA]

Sampling, Testing and Monitoring Procedures

(a) The permittee shall perform the emissions monitoring and analysis procedures or test methods for applicable requirements of this Title V permit. In addition to the sampling, testing and monitoring procedures specified in this permit, the Permittee shall comply with any additional applicable requirements promulgated under the Clean Air Act after permit issuance regardless of whether the permit is revised.

(b) The sampling, testing and monitoring required under the applicable requirements of this permit, shall be conducted in accordance with the requirements of 25 Pa. Code Chapter 139 unless alternative methodology is required by the Clean Air Act (including §§ 114(a)(3) and 504(b)) and regulations adopted thereunder.

#022 [25 Pa. Code §§ 127.511 & Chapter 135]

Recordkeeping Requirements

(a) The permittee shall maintain and make available, upon request by the Department, records of required monitoring information that include the following:

SECTION B. General Title V Requirements

(1) The date, place (as defined in the permit) and time of sampling or measurements.

(2) The dates the analyses were performed.

(3) The company or entity that performed the analyses.

(4) The analytical techniques or methods used.

(5) The results of the analyses.

(6) The operating conditions as existing at the time of sampling or measurement.

(b) The permittee shall retain records of the required monitoring data and supporting information for at least five (5) years from the date of the monitoring sample, measurement, report or application. Supporting information includes the calibration data and maintenance records and original strip-chart recordings for continuous monitoring instrumentation, and copies of reports required by the permit.

(c) The permittee shall maintain and make available to the Department upon request, records including computerized records that may be necessary to comply with the reporting, recordkeeping and emission statement requirements in 25 Pa. Code Chapter 135 (relating to reporting of sources). In accordance with 25 Pa. Code Chapter 135, § 135.5, such records may include records of production, fuel usage, maintenance of production or pollution control equipment or other information determined by the Department to be necessary for identification and quantification of potential and actual air contaminant emissions. If direct recordkeeping is not possible or practical, sufficient records shall be kept to provide the needed information by indirect means.

#023 [25 Pa. Code §§ 127.411(d), 127.442, 127.463(e) & 127.511(c)]

Reporting Requirements

(a) The permittee shall comply with the reporting requirements for the applicable requirements specified in this Title V permit. In addition to the reporting requirements specified herein, the permittee shall comply with any additional applicable reporting requirements promulgated under the Clean Air Act after permit issuance regardless of whether the permit is revised.

(b) Pursuant to 25 Pa. Code § 127.511(c), the permittee shall submit reports of required monitoring at least every six (6) months unless otherwise specified in this permit. Instances of deviations (as defined in 25 Pa. Code § 121.1) from permit requirements shall be clearly identified in the reports. The reporting of deviations shall include the probable cause of the deviations and corrective actions or preventative measures taken, except that sources with continuous emission monitoring systems shall report according to the protocol established and approved by the Department for the source. The required reports shall be certified by a responsible official.

(c) Every report submitted to the Department under this permit condition shall comply with the submission procedures specified in Section B, Condition #020(c) of this permit.

(d) Any records, reports or information obtained by the Department or referred to in a public hearing shall be made available to the public by the Department except for such records, reports or information for which the permittee has shown cause that the documents should be considered confidential and protected from disclosure to the public under Section 4013.2 of the Air Pollution Control Act and consistent with Sections 112(d) and 114(c) of the Clean Air Act and 25 Pa. Code § 127.411(d). The permittee may not request a claim of confidentiality for any emissions data generated for the Title V facility.

#024 [25 Pa. Code § 127.513]

Compliance Certification

(a) One year after the date of issuance of the Title V permit, and each year thereafter, unless specified elsewhere in the permit, the permittee shall submit to the Department and EPA Region III a certificate of compliance with the terms and conditions in this permit, for the previous year, including the emission limitations, standards or work practices. This

certification shall include:

(1) The identification of each term or condition of the permit that is the basis of the certification.

(2) The compliance status.

(3) The methods used for determining the compliance status of the source, currently and over the reporting period.

(4) Whether compliance was continuous or intermittent.

(b) The compliance certification should be postmarked or hand-delivered within thirty days of each anniversary date of the date of issuance or, of the submittal date specified elsewhere in the permit, to the Department and EPA in accordance with the submission requirements specified in condition #020 of this section.

#025 [25 Pa. Code § 127.3]

Operational Flexibility

(a) The permittee is authorized to make changes within the Title V facility in accordance with the following provisions in 25 Pa. Code Chapter 127 which implement the operational flexibility requirements of Section 502(b)(10) of the Clean Air Act and Section 6.1(i) of the Air Pollution Control Act:

(1) Section 127.14 (relating to exemptions)

(2) Section 127.447 (relating to alternative operating scenarios)

(3) Section 127.448 (relating to emissions trading at facilities with Federally enforceable emissions caps)

(4) Section 127.449 (relating to de minimis emission increases)

(5) Section 127.450 (relating to administrative operating permit amendments)

(6) Section 127.462 (relating to minor operating permit amendments)

(7) Subchapter H (relating to general plan approvals and operating permits)

(b) Unless precluded by the Clean Air Act or the regulations adopted thereunder, the permit shield authorized under 25 Pa. Code § 127.516 shall extend to operational flexibility changes made at this Title V facility pursuant to this permit condition and other applicable operational flexibility terms and conditions of this permit.

#026 [25 Pa. Code §§ 127.441(d), 127.512(i) and 40 CFR Part 68]

Risk Management

(a) If required by Section 112(r) of the Clean Air Act, the permittee shall develop and implement an accidental release program consistent with requirements of the Clean Air Act, 40 CFR Part 68 (relating to chemical accident prevention provisions) and the Federal Chemical Safety Information, Site Security and Fuels Regulatory Relief Act (P.L. 106-40).

(b) The permittee shall prepare and implement a Risk Management Plan (RMP) which meets the requirements of Section 112(r) of the Clean Air Act, 40 CFR Part 68 and the Federal Chemical Safety Information, Site Security and Fuels Regulatory Relief Act when a regulated substance listed in 40 CFR § 68.130 is present in a process in more than the listed threshold quantity at the Title V facility. The permittee shall submit the RMP to the federal Environmental Protection Agency according to the following schedule and requirements:

(1) The permittee shall submit the first RMP to a central point specified by EPA no later than the latest of the following:

(i) Three years after the date on which a regulated substance is first listed under § 68.130; or,

SECTION B. General Title V Requirements

(ii) The date on which a regulated substance is first present above a threshold quantity in a process.

(2) The permittee shall submit any additional relevant information requested by the Department or EPA concerning the RMP and shall make subsequent submissions of RMPs in accordance with 40 CFR § 68.190.

(3) The permittee shall certify that the RMP is accurate and complete in accordance with the requirements of 40 CFR Part 68, including a checklist addressing the required elements of a complete RMP.

(c) As used in this permit condition, the term "process" shall be as defined in 40 CFR § 68.3. The term "process" means any activity involving a regulated substance including any use, storage, manufacturing, handling, or on-site movement of such substances or any combination of these activities. For purposes of this definition, any group of vessels that are interconnected, or separate vessels that are located such that a regulated substance could be involved in a potential release, shall be considered a single process.

(d) If the Title V facility is subject to 40 CFR Part 68, as part of the certification required under this permit, the permittee shall:

(1) Submit a compliance schedule for satisfying the requirements of 40 CFR Part 68 by the date specified in 40 CFR § 68.10(a); or,

(2) Certify that the Title V facility is in compliance with all requirements of 40 CFR Part 68 including the registration and submission of the RMP.

(e) If the Title V facility is subject to 40 CFR Part 68, the permittee shall maintain records supporting the implementation of an accidental release program for five (5) years in accordance with 40 CFR § 68.200.

(f) When the Title V facility is subject to the accidental release program requirements of Section 112(r) of the Clean Air Act and 40 CFR Part 68, appropriate enforcement action will be taken by the Department if:

(1) The permittee fails to register and submit the RMP or a revised plan pursuant to 40 CFR Part 68.

(2) The permittee fails to submit a compliance schedule or include a statement in the compliance certification required under Condition #24 of Section B of this Title V permit that the Title V facility is in compliance with the requirements of Section 112(r) of the Clean Air Act, 40 CFR Part 68, and 25 Pa. Code § 127.512(i).

#027 [25 Pa. Code § 127.512(e)]

Approved Economic Incentives and Emission Trading Programs

No permit revision shall be required under approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes that are provided for in this Title V permit.

#028 [25 Pa. Code §§ 127.516, 127.450(d), 127.449(f) & 127.462(g)]

Permit Shield

(a) The permittee's compliance with the conditions of this permit shall be deemed in compliance with applicable requirements (as defined in 25 Pa. Code § 121.1) as of the date of permit issuance if either of the following applies:

(1) The applicable requirements are included and are specifically identified in this permit.

(2) The Department specifically identifies in the permit other requirements that are not applicable to the permitted facility or source.

(b) Nothing in 25 Pa. Code § 127.516 or the Title V permit shall alter or affect the following:

(1) The provisions of Section 303 of the Clean Air Act, including the authority of the Administrator of the EPA provided thereunder.

SECTION B. General Title V Requirements

(2) The liability of the permittee for a violation of an applicable requirement prior to the time of permit issuance.

(3) The applicable requirements of the acid rain program, consistent with Section 408(a) of the Clean Air Act.

(4) The ability of the EPA to obtain information from the permittee under Section 114 of the Clean Air Act.

(c) Unless precluded by the Clean Air Act or regulations thereunder, final action by the Department on minor or significant permit modifications, and operational flexibility changes shall be covered by the permit shield. Upon taking final action granting a request for an administrative permit amendment, the Department will allow coverage of the amendment by the permit shield in § 127.516 for administrative amendments which meet the relevant requirements of 25 Pa. Code Article III.

(d) The permit shield authorized under § 127.516 is in effect for the permit terms and conditions in this Title V permit, including administrative operating permit amendments and minor operating permit modifications.

SECTION C. Site Level Requirements

I. RESTRICTIONS.

Emission Restriction(s).

 # 001 [25 Pa. Code §121.7]
Prohibition of air pollution.
The permittee shall not cause or permit air pollution as that term is defined in the Air Pollution Control Act (35 P.S. § 4003).

 # 002 [25 Pa. Code §123.1]
Prohibition of certain fugitive emissions
The permittee shall ensure that emission into the outdoor atmosphere of fugitive air contaminants does not occur from any source, except for the following:

(a) Construction or demolition of buildings or structures.

(b) Grading, paving, and maintenance of roads and streets.

(c) Use of roads and streets. Emissions from material in or on trucks, railroad cars, and other vehicular equipment are not considered as emissions from use of roads and streets.

(d) Clearing of land.

(e) Stockpiling of materials.

(f) Open burning operations, as specified in Condition # 006(a)-(e), Section C, of this permit.

(g) Sources and classes of sources, other than those identified in (a)-(f), above, for which the operator has obtained a determination from the Department, in accordance with 25 Pa. Code § 123.1(b), that fugitive air contaminant emissions from the source, after appropriate controls, meet the following requirements:

(1) The emissions are of minor significance with respect to causing air pollution.

(2) The emissions are not preventing or interfering with the attainment or maintenance of any ambient air quality standard.

 # 003 [25 Pa. Code §123.2]
Fugitive particulate matter
The permittee shall ensure that emission into the outdoor atmosphere of fugitive particulate matter (PM) from a source specified in Condition # 002(a)-(g), Section C, of this permit, occurs in such a manner that the emission is not visible at the point it passes outside the person's property.

 # 004 [25 Pa. Code §123.31]
Limitations
The permittee shall ensure that emission into the outdoor atmosphere of any malodorous air contaminants from any source occurs in such a manner that the malodors are not detectable outside the property of the person on whose land the source is being operated.

 # 005 [25 Pa. Code §127.441]
Operating permit terms and conditions.
[Additional authority for this permit condition is also derived from 25 Pa. Code §§ 127.443(b), 127.512(h), and 129.91-129.95.]

The permittee shall ensure that emission into the outdoor atmosphere of volatile organic compounds (VOCs) from the external floating roof storage tanks (Source IDs 108-135 and 139-141) at this facility occurs in such a manner that the rate of the emission does not exceed 95 tons/yr, calculated monthly as a 12-month rolling sum.

SECTION C. Site Level Requirements

 # 006 [25 Pa. Code §129.14]
Open burning operations
The permittee shall not conduct any open burning activities, except for the following:

(a) A fire set to prevent or abate a fire hazard, when approved by the Department and set by or under the supervision of a public officer.

(b) A fire set for the purpose of instructing personnel in fire fighting, when approved by the Department.

(c) A fire set for the prevention and control of disease or pests, when approved by the Department.

(d) A fire set solely for recreational or ceremonial purposes.

(e) A fire set solely for cooking food.

II. TESTING REQUIREMENTS.

 # 007 [25 Pa. Code §127.441]
Operating permit terms and conditions.
[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.443(b).]

(a) If, at any time, the Department has cause to believe that air contaminant emissions from any source(s) listed in Section A, of this permit, may be in excess of the restrictions specified in this permit or established pursuant to any applicable rule or regulation contained in 25 Pa. Code, Article III, the permittee shall be required to perform whatever test(s) is deemed necessary by the Department to determine the actual emission rate(s).

(b) Any test(s) required in (a), above, shall be performed in accordance with the provisions of 25 Pa. Code Chapter 139, when applicable, and in accordance with any restrictions or limitations established by the Department at such time as it notifies the permittee that testing is required.

III. MONITORING REQUIREMENTS.

 # 008 [25 Pa. Code §127.441]
Operating permit terms and conditions.
[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.511(a)(1)-(3).]

(a) The permittee shall monitor this facility, at least once per day, for the following:

(1) Odors, which the Department may determine to be objectionable.

(2) Fugitive air contaminant emissions.

(b) All detectable objectionable odors that originate on-site and cross the property line, as well as fugitive air contaminant emissions that originate on-site, shall:

(1) Be investigated.

(2) Be reported to the shift supervisor.

(3) Be recorded in a permanent written log.

(c) The permittee shall ensure that the monitoring required under the Department-approved Leak Detection and Repair (LDAR) program is performed.

SECTION C. Site Level Requirements

IV. RECORDKEEPING REQUIREMENTS.

 # 009 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.511(b)(1)-(2).]

(a) The permittee shall maintain records of all monitoring of odors and fugitive air contaminant emissions, including deviations from the conditions found in Section C, of this permit. All records of deviations shall contain, at a minimum, the following items for each incident:

(1) A description of the deviation.

(2) The source(s) and/or associated air pollution control device(s) and location(s).

(3) The starting and ending date(s) and times.

(4) The wind direction during the deviation.

(5) The cause(s).

(6) The corrective action(s) taken to abate the situation and prevent future occurrences.

(7) The name of the person(s) who first reported the incident.

(8) The name and signature of the company representative.

(b) The monitoring shall be recorded and maintained in a Department-approved format and time frame.

 # 010 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall maintain records of all of this facility's emission increases, in accordance with 25 Pa. Code § 127.449 (relating to de minimis emission increases), including the following types:

(a) De minimis emission increases without notification to the Department.

(b) De minimis emission increases with notification to the Department, via letter.

(c) Emission increases resulting from a Request for Determination of Changes of Minor Significance and Exemption from Plan Approval/Operating Permit (RFD) to the Department.

 # 011 [25 Pa. Code §127.441]

Operating permit terms and conditions.

All records, reports, and analysis results generated in compliance with the requirements of any section of this permit shall be maintained in accordance with Condition # 022(b), Section B, of this permit, and shall be made available to the Department upon written or verbal request within a reasonable time.

 # 012 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code §§ 127.443(b) and 129.56(f)(3).]

The permittee shall maintain records of the following operating parameters for each type of crude oil stored in each storage tank (Source IDs 108-135, 139-141, and 143) at this facility on a monthly basis:

(a) The type of crude oil stored.

SECTION C. Site Level Requirements

(b) The throughput.

(c) The starting and ending dates of storage.

(d) The average storage temperature for the hottest month of the year in which the storage takes place.

(e) The maximum true vapor pressure of the crude oil as stored.

 # 013 [25 Pa. Code §127.441]
Operating permit terms and conditions.
[Additional authority for this permit condition is also derived from 25 Pa. Code §§ 127.443(b) and 129.91-129.95.]

The permittee shall maintain records of all information necessary to demonstrate compliance with the Department-approved LDAR program, including the following for each component screening:

(a) The date and time that the component was screened.

(b) The screening value.

(c) The leak/no leak determination.

(d) The date and type of any repairs.

 # 014 [25 Pa. Code §127.441]
Operating permit terms and conditions.
The permittee shall maintain records of the total VOC emissions from this facility on a monthly and 12-month rolling basis, calculated using a Department-approved method(s).

V. REPORTING REQUIREMENTS.

 # 015 [25 Pa. Code §127.441]
Operating permit terms and conditions.
[Additional authority for this permit condition is also derived from 25 Pa. Code §§ 127.443(b) and 127.511(c)(2).]

(a) The permittee shall, within two (2) hours of discovery of any occurrence, notify the Department, at (484) 250-5920, of any malfunction(s) of a source(s) and/or associated air pollution control device(s) listed in Section A, of this permit, which results in, or may possibly result in, the emission of air contaminants in excess of the restrictions specified in this permit or established pursuant to any applicable rule or regulation contained in 25 Pa. Code, Article III.

(b) Any malfunction(s) that occurs at this facility, and poses an imminent danger to public health, safety, welfare, and the environment, or would violate permit conditions if the source(s) and/or associated air pollution control device(s) were to continue to operate after the malfunction(s), shall immediately be reported to the Department by telephone at the above number.

(c) A written report shall be submitted to the Department within two (2) working days following the notification of the incident, and shall describe, at a minimum, the following:

(1) The malfunction(s).

(2) The source(s) and/or associated air pollution control device(s) and location(s).

(3) The starting and ending date(s) and time(s).

SECTION C. Site Level Requirements

(4) The cause(s).

(5) The emission(s).

(6) The amount of VOCs lost (liquid fraction).

(7) Any corrective action(s) taken.

 # 016 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code §§ 127.511(c)(1)-(2) and 127.513(5)(i)-(v).]

The permittee shall submit the following reports to the Department, in accordance with Conditions # 023(b) and 024(a)-(b), Section B, of this permit, where applicable:

(a) An annual certificate of compliance, by April 1, of each year, for the period covering January 1 - December 31, of the previous year.

(b) A semi-annual deviation report, by October 1, of each year, for the period covering January 1-June 30, of the same year. [Note: The annual certificate of compliance fulfills the obligation for the second deviation reporting period (July 1-December 31, of the previous year).]

 # 017 [25 Pa. Code §135.21]
Emission statements

The permittee shall submit by March 1, of each year, an annual emission statement for the preceding calendar year. Additionally, a description of the method used to calculate the emissions shall be included. The statement shall contain a certification by a company officer or the plant manager that the information contained in the statement is true and accurate.

 # 018 [25 Pa. Code §135.3]
Reporting

(a) The permittee shall submit by March 1, of each year, a source report for the preceding calendar year. The report shall include information from each previously-reported source(s), a new source(s) which was first operated during the preceding calendar year, and each source(s) modified during the same period that was not previously reported, including any source(s) listed in Section G, of this permit.

(b) The permittee may request an extension of time from the Department for the filing of a source report, and the Department may grant the extension for reasonable cause.

VI. WORK PRACTICE REQUIREMENTS.

 # 019 [25 Pa. Code §123.1]
Prohibition of certain fugitive emissions

The permittee shall take all reasonable actions to prevent PM from any source specified in Condition # 002(a)-(g), Section C, of this permit, from becoming airborne. These actions shall include, but not be limited to, the following:

(a) Use, where possible, of water or suitable chemicals, for control of dust in the demolition of buildings or structures, construction operations, the grading of roads, or the clearing of land.

(b) Application of asphalt, oil, water, or suitable chemicals on dirt roads, material stockpiles, and other surfaces that may give rise to airborne dusts.

(c) Paving and maintenance of roadways.

(d) Prompt removal of earth or other material from paved roads or streets onto which earth or other material has been

SECTION C. Site Level Requirements

transported by trucking or earth moving equipment, erosion by water, or other means.
 # 020 [25 Pa. Code §127.11] **Plan approval requirements.** Except as provided in 25 Pa. Code §§ 127.11a (relating to reactivation of sources) and 127.215 (relating to reactivation), the permittee shall not construct or modify an air contamination source, reactivate an air contamination source after the source has been out of operation or production for one (1) year or more, or install an air cleaning device on an air contamination source, unless the construction, modification, reactivation or installation has been approved by the Department.
 # 021 [25 Pa. Code §127.441] **Operating permit terms and conditions.** [Additional authority for this permit condition is also derived from 25 Pa. Code §§ 127.443(b), 127.444, and 129.93(c)(5).] The permittee shall ensure that all source(s) and associated air pollution control device(s) listed in Section A, of this permit, are operated and maintained in a manner consistent with good operating and maintenance practices, and in accordance with the manufacturers' specifications.
 # 022 [25 Pa. Code §127.441] **Operating permit terms and conditions.** The permittee shall immediately, upon discovery, implement measures, which may include the application for the installation of an air pollution control device(s), if necessary, to reduce the air contaminant emissions to within applicable restrictions, if at any time the operation of a source(s) listed in Section A, of this permit, is causing the emission of air contaminants in excess of the restrictions specified in this permit or established pursuant to any applicable rule or regulation contained in 25 Pa. Code, Article III.
 # 023 [25 Pa. Code §127.441] **Operating permit terms and conditions.** The permittee may not modify any air contaminant system identified in Section A, of this permit, prior to obtaining Department approval, except those modifications authorized by Condition # 013(g), Section B, of this permit.
 # 024 [25 Pa. Code §127.441] **Operating permit terms and conditions.** The permittee shall operate and maintain a site-specific, Department-approved LDAR program.
 # 025 [25 Pa. Code §127.441] **Operating permit terms and conditions.** The permittee shall calculate the total VOC emissions from this facility on a monthly and 12-month rolling basis, using a Department-approved method(s).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VIII. COMPLIANCE CERTIFICATION.

No additional compliance certifications exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IX. COMPLIANCE SCHEDULE.

No compliance milestones exist.

***** Permit Shield In Effect *****

SECTION D. Source Level Requirements

Source ID: 108 Source Name: TANK DC-3: 4,058,588 GAL EXT FTR.ROOF

Source Capacity/Throughput: 17,262.000 Gal/HR CRUDE OIL

PROC 108 → STAC Z03

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

 # 001 [25 Pa. Code §127.441]
Operating permit terms and conditions.

The permittee shall monitor the following operating parameters for this storage tank:

(a) The type of crude oil stored.

(b) The throughput, on a daily basis.

IV. RECORDKEEPING REQUIREMENTS.

 # 002 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(f)(3).]

The permittee shall maintain records of the following operating parameters for each type of crude oil stored in this storage tank:

(a) The type of crude oil stored.

(b) The throughput, on a daily basis.

(c) The starting and ending dates of storage.

(d) The average storage temperature for the hottest month of the year in which the storage takes place.

(e) The maximum true vapor pressure of the crude oil as stored.

 # 003 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(f)(3).]

The permittee shall maintain records of all maintenance inspections for this storage tank, performed in accordance with Condition # 007(a)-(c), Section D (under Source ID 108), of this permit. These records shall contain, at a minimum, the following for each inspection:

(a) The date and time of the inspection.

(b) All measurements and calculations performed in accordance with Condition # 006(b), Section D (under Source ID 108), of this permit.

(c) Any maintenance and/or repairs performed.

 # 004 [25 Pa. Code §127.441]
Operating permit terms and conditions.

The permittee shall maintain records of the VOC emissions from this storage tank on a monthly and 12-month rolling basis, calculated using Department-approved methods.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

 # 005 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(a)(1).]

The permittee shall ensure that the true vapor pressure of the crude oil stored in this storage tank is less than 11 psia (76 kPa) under actual storage conditions.

 # 006 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(b)(1)-(5).]

(a) The permittee shall ensure that the external floating roof of this storage tank is equipped with the following components and complies with the following requirements:

(1) A primary seal that is maintained, as follows:

(i) Free of visible holes, tears, or other openings in the seal or seal fabric.

(ii) Intact and uniformly in place around the circumference of the floating roof between the floating roof and the tank wall.

(2) A continuous secondary seal that extends from the floating roof to the tank wall (i.e., rim-mounted secondary seal) maintained, as follows:

(i) Free of visible holes, tears, or other openings in the seal or seal fabric.

(ii) Intact and uniformly in place around the circumference of the floating roof between the floating roof and the tank wall.

(iii) Such that the accumulated area of gaps greater than 1/8 inch in width between the secondary seal and the tank wall does not exceed 1 square inch per foot of tank diameter (when used in combination with a vapor-mounted primary seal only).

(3) Automatic bleeder vents that are closed at all times when the roof is floating, except when the roof is being floated off

SECTION D. Source Level Requirements

or landed on the roof leg supports.

(4) Rim vents that are set to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting.

(5) Emergency roof drains with slotted membrane fabric covers or equivalent covers that cover at least 90% of the area of the opening.

(6) For all other openings (not including leg sleeves):

(i) Covers, seals, or lids that are closed at all times except when the openings are in actual use.

(ii) Projections into the tank that are maintained below the surface of the crude oil at all times.

(b) The permittee shall determine compliance with (a)(2)(iii), above, by physically measuring the length and width of gaps around the entire circumference of the secondary seal in each place where a 1/8-inch uniform diameter probe passes freely (without forcing or binding against the seal) between the seal and tank wall and by summing the area of the individual gaps.

 # 007 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(f)(1) and (h).]

The permittee shall perform the following maintenance inspections and repairs for this storage tank on an annual basis:

(a) A visual check of the condition of the outside of the storage tank.

(b) A visual check of all associated pipes, valves, and flanges.

(c) A visual and physical check of the condition of the external floating roof and components to demonstrate compliance with the requirements indicated in Condition # 006(a)(1)-(6), Section D (under Source ID 108), of this permit. The permittee shall repair any components that do not comply with these requirements within forty-five (45) days after the date of the inspection or, otherwise, empty and remove the storage tank from service. If neither the components can be repaired nor the tank can be emptied within forty-five (45) days, the permittee may request a thirty (30)-day extension from the Department. The request for extension shall document that alternate storage capacity is unavailable and specify a schedule of actions the permittee will take to assure that the components will be repaired or the storage tank will be emptied as soon as possible, but within the timeframe of the thirty (30)-day extension.

 # 008 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(g).]

(a) The permittee shall determine the maximum true vapor pressure of the crude oil as stored in this storage tank using a temperature that is representative of the average storage temperature for the hottest month of the year in which the storage takes place.

(b) The permittee shall calculate the VOC emissions from the storage tank on a monthly and 12-month rolling basis, using Department-approved methods.

VII. ADDITIONAL REQUIREMENTS.

 # 009 [25 Pa. Code §127.441]

Operating permit terms and conditions.

This source consists of an external floating roof, crude oil storage tank (no. DC-3) with a capacity of 4,058,588 gals (96,633 bbls).

***** Permit Shield in Effect. *****

SECTION D. Source Level Requirements

Source ID: 109 Source Name: TANK DC-4: 4,058,588 GAL EXT FLTR.ROOF

Source Capacity/Throughput: 17,262.000 Gal/HR CRUDE OIL

PROC 109 → STAC Z04

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

 # 001 [25 Pa. Code §127.441]
Operating permit terms and conditions.

The permittee shall monitor the following operating parameters for this storage tank:

(a) The type of crude oil stored.

(b) The throughput, on a daily basis.

IV. RECORDKEEPING REQUIREMENTS.

 # 002 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code §§ 127.443(b) and 129.56(f)(3).]

The permittee shall maintain records of the following operating parameters for each type of crude oil stored in this storage tank:

(a) The type of crude oil stored.

(b) The throughput, on a daily basis.

(c) The starting and ending dates of storage.

(d) The average storage temperature for the hottest month of the year in which the storage takes place.

(e) The maximum true vapor pressure of the crude oil as stored.

 # 003 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code §§ 127.443(b) and 129.56(f)(3).]

The permittee shall maintain records of all maintenance inspections for this storage tank, performed in accordance with Condition # 007(a)-(c), Section D (under Source ID 109), of this permit. These records shall contain, at a minimum, the following for each inspection:

(a) The date and time of the inspection.

(b) All measurements and calculations performed in accordance with Condition # 006(b), Section D (under Source ID 109), of this permit.

(c) Any maintenance and/or repairs performed.

 # 004 [25 Pa. Code §127.441]
Operating permit terms and conditions.

The permittee shall maintain records of the VOC emissions from this storage tank on a monthly and 12-month rolling basis, calculated using Department-approved methods.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

 # 005 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(a)(1).]

The permittee shall ensure that the true vapor pressure of the crude oil stored in this storage tank is less than 11 psia (76 kPa) under actual storage conditions.

 # 006 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code §§ 127.443(b) and 129.56(b)(1)-(5).]

(a) The permittee shall ensure that the external floating roof of this storage tank is equipped with the following components and complies with the following requirements:

(1) A primary seal that is maintained, as follows:

(i) Free of visible holes, tears, or other openings in the seal or seal fabric.

(ii) Intact and uniformly in place around the circumference of the floating roof between the floating roof and the tank wall.

(2) A continuous rim-mounted secondary seal that is maintained, as follows:

(i) Free of visible holes, tears, or other openings in the seal or seal fabric.

(ii) Intact and uniformly in place around the circumference of the floating roof between the floating roof and the tank wall.

(iii) Such that the accumulated area of gaps greater than 1/8 inch in width between the secondary seal and the tank wall does not exceed 1 square inch per foot of tank diameter (when used in combination with a vapor-mounted primary seal only).

(3) Automatic bleeder vents that are closed at all times when the roof is floating, except when the roof is being floated off or landed on the roof leg supports.

SECTION D. Source Level Requirements

(4) Rim vents that are set to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting.

(5) Emergency roof drains with slotted membrane fabric covers or equivalent covers that cover at least 90% of the area of the opening.

(6) For all other openings (not including leg sleeves):

(i) Covers, seals, or lids that are closed at all times except when the openings are in actual use.

(ii) Projections into the tank that are maintained below the surface of the crude oil at all times.

(b) The permittee shall determine compliance with (a)(2)(iii), above, by physically measuring the length and width of gaps around the entire circumference of the secondary seal in each place where a 1/8-inch uniform diameter probe passes freely (without forcing or binding against the seal) between the seal and tank wall and by summing the area of the individual gaps.

 # 007 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code §§ 127.443(b) and 129.56(f)(1) and (h).]

The permittee shall perform the following maintenance inspections and repairs for this storage tank on an annual basis:

(a) A visual check of the condition of the outside of the storage tank.

(b) A visual check of all associated pipes, valves, and flanges.

(c) A visual and physical check of the condition of the external floating roof and components to demonstrate compliance with the requirements indicated in Condition # 006(a)(1)-(6), Section D (under Source ID 109), of this permit. The permittee shall repair any components that do not comply with these requirements within forty-five (45) days after the date of the inspection or, otherwise, empty and remove the storage tank from service. If neither the components can be repaired nor the tank can be emptied within forty-five (45) days, the permittee may request a thirty (30)-day extension from the Department. The request for extension shall document that alternate storage capacity is unavailable and specify a schedule of actions the permittee will take to assure that the components will be repaired or the storage tank will be emptied as soon as possible, but within the timeframe of the thirty (30)-day extension.

 # 008 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(g).]

(a) The permittee shall determine the maximum true vapor pressure of the crude oil as stored in this storage tank using a temperature that is representative of the average storage temperature for the hottest month of the year in which the storage takes place.

(b) The permittee shall calculate the VOC emissions from the storage tank on a monthly and 12-month rolling basis, using Department-approved methods.

VII. ADDITIONAL REQUIREMENTS.

 # 009 [25 Pa. Code §127.441]
Operating permit terms and conditions.

This source consists of an external floating roof, crude oil storage tank (no. DC-4) with a capacity of 4,058,588 gals (96,633 bbls).

SECTION D. Source Level Requirements

***** Permit Shield in Effect. *****

SECTION D. Source Level Requirements

Source ID: 110 Source Name: TANK DC-5: 4,058,588 GAL EXT FTR.ROOF

Source Capacity/Throughput: 17,262.000 Gal/HR CRUDE OIL

PROC 110	→	STAC Z05

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

 # 001 [25 Pa. Code §127.441]
Operating permit terms and conditions.

The permittee shall monitor the following operating parameters for this storage tank:

(a) The type of crude oil stored.

(b) The throughput, on a daily basis.

IV. RECORDKEEPING REQUIREMENTS.

 # 002 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(f)(3).]

The permittee shall maintain records of the following operating parameters for each type of crude oil stored in this storage tank:

(a) The type of crude oil stored.

(b) The throughput, on a daily basis.

(c) The starting and ending dates of storage.

(d) The average storage temperature for the hottest month of the year in which the storage takes place.

(e) The maximum true vapor pressure of the crude oil as stored.

 # 003 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(f)(3).]

The permittee shall maintain records of all maintenance inspections for this storage tank, performed in accordance with Condition # 007(a)-(c), Section D (under Source ID 110), of this permit. These records shall contain, at a minimum, the following for each inspection:

SECTION D. Source Level Requirements

(a) The date and time of the inspection.

(b) All measurements and calculations performed in accordance with Condition # 006(b), Section D (under Source ID 110), of this permit.

(c) Any maintenance and/or repairs performed.

 # 004 [25 Pa. Code §127.441]
Operating permit terms and conditions.

The permittee shall maintain records of the VOC emissions from this storage tank on a monthly and 12-month rolling basis, calculated using Department-approved methods.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

 # 005 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(a)(1).]

The permittee shall ensure that the true vapor pressure of the crude oil stored in this storage tank is less than 11 psia (76 kPa) under actual storage conditions.

 # 006 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(b)(1)-(5).]

(a) The permittee shall ensure that the external floating roof of this storage tank is equipped with the following components and complies with the following requirements:

(1) A primary seal that is maintained, as follows:

(i) Free of visible holes, tears, or other openings in the seal or seal fabric.

(ii) Intact and uniformly in place around the circumference of the floating roof between the floating roof and the tank wall.

(2) A continuous rim-mounted secondary seal that is maintained, as follows:

(i) Free of visible holes, tears, or other openings in the seal or seal fabric.

(ii) Intact and uniformly in place around the circumference of the floating roof between the floating roof and the tank wall.

(iii) Such that the accumulated area of gaps greater than 1/8 inch in width between the secondary seal and the tank wall does not exceed 1 square inch per foot of tank diameter (when used in combination with a vapor-mounted primary seal only).

(3) Automatic bleeder vents that are closed at all times when the roof is floating, except when the roof is being floated off or landed on the roof leg supports.

SECTION D. Source Level Requirements

(4) Rim vents that are set to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting.

(5) Emergency roof drains with slotted membrane fabric covers or equivalent covers that cover at least 90% of the area of the opening.

(6) For all other openings (not including leg sleeves):

(i) Covers, seals, or lids that are closed at all times except when the openings are in actual use.

(ii) Projections into the tank that are maintained below the surface of the crude oil at all times.

(b) The permittee shall determine compliance with (a)(2)(iii), above, by physically measuring the length and width of gaps around the entire circumference of the secondary seal in each place where a 1/8-inch uniform diameter probe passes freely (without forcing or binding against the seal) between the seal and tank wall and by summing the area of the individual gaps.

 # 007 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(f)(1) and (h).]

The permittee shall perform the following maintenance inspections and repairs for this storage tank on an annual basis:

(a) A visual check of the condition of the outside of the storage tank.

(b) A visual check of all associated pipes, valves, and flanges.

(c) A visual and physical check of the condition of the external floating roof and components to demonstrate compliance with the requirements indicated in Condition # 006(a)(1)-(6), Section D (under Source ID 110), of this permit. The permittee shall repair any components that do not comply with these requirements within forty-five (45) days after the date of the inspection or, otherwise, empty and remove the storage tank from service. If neither the components can be repaired nor the tank can be emptied within forty-five (45) days, the permittee may request a thirty (30)-day extension from the Department. The request for extension shall document that alternate storage capacity is unavailable and specify a schedule of actions the permittee will take to assure that the components will be repaired or the storage tank will be emptied as soon as possible, but within the timeframe of the thirty (30)-day extension.

 # 008 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(g).]

(a) The permittee shall determine the maximum true vapor pressure of the crude oil as stored in this storage tank using a temperature that is representative of the average storage temperature for the hottest month of the year in which the storage takes place.

(b) The permittee shall calculate the VOC emissions from the storage tank on a monthly and 12-month rolling basis, using Department-approved methods.

VII. ADDITIONAL REQUIREMENTS.

 # 009 [25 Pa. Code §127.441]
Operating permit terms and conditions.

This source consists of an external floating roof, crude oil storage tank (no. DC-5) with a capacity of 4,058,588 gals (96,633 bbls).

SECTION D. Source Level Requirements

***** Permit Shield in Effect. *****

SECTION D. Source Level Requirements

Source ID: 111 Source Name: TANK DC-6: 4,058,588 GAL EXT FTR.ROOF

Source Capacity/Throughput: 17,262.000 Gal/HR CRUDE OIL

PROC 111 → STAC Z06

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

 # 001 [25 Pa. Code §127.441]
Operating permit terms and conditions.

The permittee shall monitor the following operating parameters for this storage tank:

(a) The type of crude oil stored.

(b) The throughput, on a daily basis.

IV. RECORDKEEPING REQUIREMENTS.

 # 002 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(f)(3).]

The permittee shall maintain records of the following operating parameters for each type of crude oil stored in this storage tank:

(a) The type of crude oil stored.

(b) The throughput, on a daily basis.

(c) The starting and ending dates of storage.

(d) The average storage temperature for the hottest month of the year in which the storage takes place.

(e) The maximum true vapor pressure of the crude oil as stored.

 # 003 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(f)(3).]

The permittee shall maintain records of all maintenance inspections for this storage tank, performed in accordance with Condition # 007(a)-(c), Section D (under Source ID 111), of this permit. These records shall contain, at a minimum, the following for each inspection:

(a) The date and time of the inspection.

(b) All measurements and calculations performed in accordance with Condition # 006(b), Section D (under Source ID 111), of this permit.

(c) Any maintenance and/or repairs performed.

 # 004 [25 Pa. Code §127.441]
Operating permit terms and conditions.

The permittee shall maintain records of the VOC emissions from this storage tank on a monthly and 12-month rolling basis, calculated using Department-approved methods.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

 # 005 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(a)(1).]

The permittee shall ensure that the true vapor pressure of the crude oil stored in this storage tank is less than 11 psia (76 kPa) under actual storage conditions.

 # 006 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(b)(1)-(5).]

(a) The permittee shall ensure that the external floating roof of this storage tank is equipped with the following components and complies with the following requirements:

(1) A primary seal that is maintained, as follows:

(i) Free of visible holes, tears, or other openings in the seal or seal fabric.

(ii) Intact and uniformly in place around the circumference of the floating roof between the floating roof and the tank wall.

(2) A continuous rim-mounted secondary seal that is maintained, as follows:

(i) Free of visible holes, tears, or other openings in the seal or seal fabric.

(ii) Intact and uniformly in place around the circumference of the floating roof between the floating roof and the tank wall.

(iii) Such that the accumulated area of gaps greater than 1/8 inch in width between the secondary seal and the tank wall does not exceed 1 square inch per foot of tank diameter (when used in combination with a vapor-mounted primary seal only).

(3) Automatic bleeder vents that are closed at all times when the roof is floating, except when the roof is being floated off or landed on the roof leg supports.

SECTION D. Source Level Requirements

(4) Rim vents that are set to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting.

(5) Emergency roof drains with slotted membrane fabric covers or equivalent covers that cover at least 90% of the area of the opening.

(6) For all other openings (not including leg sleeves):

(i) Covers, seals, or lids that are closed at all times except when the openings are in actual use.

(ii) Projections into the tank that are maintained below the surface of the crude oil at all times.

(b) The permittee shall determine compliance with (a)(2)(iii), above, by physically measuring the length and width of gaps around the entire circumference of the secondary seal in each place where a 1/8-inch uniform diameter probe passes freely (without forcing or binding against the seal) between the seal and tank wall and by summing the area of the individual gaps.

 # 007 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(f)(1) and (h).]

The permittee shall perform the following maintenance inspections and repairs for this storage tank on an annual basis:

(a) A visual check of the condition of the outside of the storage tank.

(b) A visual check of all associated pipes, valves, and flanges.

(c) A visual and physical check of the condition of the external floating roof and components to demonstrate compliance with the requirements indicated in Condition # 006(a)(1)-(6), Section D (under Source ID 111), of this permit. The permittee shall repair any components that do not comply with these requirements within forty-five (45) days after the date of the inspection or, otherwise, empty and remove the storage tank from service. If neither the components can be repaired nor the tank can be emptied within forty-five (45) days, the permittee may request a thirty (30)-day extension from the Department. The request for extension shall document that alternate storage capacity is unavailable and specify a schedule of actions the permittee will take to assure that the components will be repaired or the storage tank will be emptied as soon as possible, but within the timeframe of the thirty (30)-day extension.

 # 008 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(g).]

(a) The permittee shall determine the maximum true vapor pressure of the crude oil as stored in this storage tank using a temperature that is representative of the average storage temperature for the hottest month of the year in which the storage takes place.

(b) The permittee shall calculate the VOC emissions from the storage tank on a monthly and 12-month rolling basis, using Department-approved methods.

VII. ADDITIONAL REQUIREMENTS.

 # 009 [25 Pa. Code §127.441]
Operating permit terms and conditions.

This source consists of an external floating roof, crude oil storage tank (no. DC-6) with a capacity of 4,058,588 gals (96,633 bbls).

SECTION D. Source Level Requirements

***** Permit Shield in Effect. *****

SECTION D. Source Level Requirements

Source ID: 112 Source Name: TANK DC-7: 4,058,588 GAL EXT FTR.ROOF

Source Capacity/Throughput: 17,262.000 Gal/HR CRUDE OIL

PROC 112 → STAC Z07

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

 # 001 [25 Pa. Code §127.441]
Operating permit terms and conditions.

The permittee shall monitor the following operating parameters for this storage tank:

(a) The type of crude oil stored.

(b) The throughput, on a daily basis.

IV. RECORDKEEPING REQUIREMENTS.

 # 002 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(f)(3).]

The permittee shall maintain records of the following operating parameters for each type of crude oil stored in this storage tank:

(a) The type of crude oil stored.

(b) The throughput, on a daily basis.

(c) The starting and ending dates of storage.

(d) The average storage temperature for the hottest month of the year in which the storage takes place.

(e) The maximum true vapor pressure of the crude oil as stored.

 # 003 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(f)(3).]

The permittee shall maintain records of all maintenance inspections for this storage tank, performed in accordance with Condition # 007(a)-(c), Section D (under Source ID 112), of this permit. These records shall contain, at a minimum, the following for each inspection:

(a) The date and time of the inspection.

(b) All measurements and calculations performed in accordance with Condition # 006(b), Section D (under Source ID 112), of this permit.

(c) Any maintenance and/or repairs performed.

 # 004 [25 Pa. Code §127.441]
Operating permit terms and conditions.

The permittee shall maintain records of the VOC emissions from this storage tank on a monthly and 12-month rolling basis, calculated using Department-approved methods.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

 # 005 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(a)(1).]

The permittee shall ensure that the true vapor pressure of the crude oil stored in this storage tank is less than 11 psia (76 kPa) under actual storage conditions.

 # 006 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(b)(1)-(5).]

(a) The permittee shall ensure that the external floating roof of this storage tank is equipped with the following components and complies with the following requirements:

(1) A primary seal that is maintained, as follows:

(i) Free of visible holes, tears, or other openings in the seal or seal fabric.

(ii) Intact and uniformly in place around the circumference of the floating roof between the floating roof and the tank wall.

(2) A continuous rim-mounted secondary seal that is maintained, as follows:

(i) Free of visible holes, tears, or other openings in the seal or seal fabric.

(ii) Intact and uniformly in place around the circumference of the floating roof between the floating roof and the tank wall.

(iii) Such that the accumulated area of gaps greater than 1/8 inch in width between the secondary seal and the tank wall does not exceed 1 square inch per foot of tank diameter (when used in combination with a vapor-mounted primary seal only).

(3) Automatic bleeder vents that are closed at all times when the roof is floating, except when the roof is being floated off or landed on the roof leg supports.

SECTION D. Source Level Requirements

(4) Rim vents that are set to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting.

(5) Emergency roof drains with slotted membrane fabric covers or equivalent covers that cover at least 90% of the area of the opening.

(6) For all other openings (not including leg sleeves):

(i) Covers, seals, or lids that are closed at all times except when the openings are in actual use.

(ii) Projections into the tank that are maintained below the surface of the crude oil at all times.

(b) The permittee shall determine compliance with (a)(2)(iii), above, by physically measuring the length and width of gaps around the entire circumference of the secondary seal in each place where a 1/8-inch uniform diameter probe passes freely (without forcing or binding against the seal) between the seal and tank wall and by summing the area of the individual gaps.

 # 007 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(f)(1) and (h).]

The permittee shall perform the following maintenance inspections and repairs for this storage tank on an annual basis:

(a) A visual check of the condition of the outside of the storage tank.

(b) A visual check of all associated pipes, valves, and flanges.

(c) A visual and physical check of the condition of the external floating roof and components to demonstrate compliance with the requirements indicated in Condition # 006(a)(1)-(6), Section D (under Source ID 112), of this permit. The permittee shall repair any components that do not comply with these requirements within forty-five (45) days after the date of the inspection or, otherwise, empty and remove the storage tank from service. If neither the components can be repaired nor the tank can be emptied within forty-five (45) days, the permittee may request a thirty (30)-day extension from the Department. The request for extension shall document that alternate storage capacity is unavailable and specify a schedule of actions the permittee will take to assure that the components will be repaired or the storage tank will be emptied as soon as possible, but within the timeframe of the thirty (30)-day extension.

 # 008 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(g).]

(a) The permittee shall determine the maximum true vapor pressure of the crude oil as stored in this storage tank using a temperature that is representative of the average storage temperature for the hottest month of the year in which the storage takes place.

(b) The permittee shall calculate the VOC emissions from the storage tank on a monthly and 12-month rolling basis, using Department-approved methods.

VII. ADDITIONAL REQUIREMENTS.

 # 009 [25 Pa. Code §127.441]
Operating permit terms and conditions.

This source consists of an external floating roof, crude oil storage tank (no. DC-7) with a capacity of 4,058,588 gals (96,633 bbls).

SECTION D. Source Level Requirements

***** Permit Shield in Effect. *****

SECTION D. Source Level Requirements

Source ID: 114 Source Name: TANK DC-10: 4,058,588 GAL EXT FTR.ROOF

Source Capacity/Throughput: 17,262.000 Gal/HR CRUDE OIL

PROC 114	→	STAC Z09

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

 # 001 [25 Pa. Code §127.441]
Operating permit terms and conditions.

The permittee shall monitor the following operating parameters for this storage tank:

(a) The type of crude oil stored.

(b) The throughput, on a daily basis.

IV. RECORDKEEPING REQUIREMENTS.

 # 002 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(f)(3).]

The permittee shall maintain records of the following operating parameters for each type of crude oil stored in this storage tank:

(a) The type of crude oil stored.

(b) The throughput, on a daily basis.

(c) The starting and ending dates of storage.

(d) The average storage temperature for the hottest month of the year in which the storage takes place.

(e) The maximum true vapor pressure of the crude oil as stored.

 # 003 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(f)(3).]

The permittee shall maintain records of all maintenance inspections for this storage tank, performed in accordance with Condition # 007(a)-(c), Section D (under Source ID 114), of this permit. These records shall contain, at a minimum, the following for each inspection:

(a) The date and time of the inspection.

(b) All measurements and calculations performed in accordance with Condition # 006(b), Section D (under Source ID 114), of this permit.

(c) Any maintenance and/or repairs performed.

 # 004 [25 Pa. Code §127.441]
Operating permit terms and conditions.

The permittee shall maintain records of the VOC emissions from this storage tank on a monthly and 12-month rolling basis, calculated using Department-approved methods.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

 # 005 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(a)(1).]

The permittee shall ensure that the true vapor pressure of the crude oil stored in this storage tank is less than 11 psia (76 kPa) under actual storage conditions.

 # 006 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(b)(1)-(5).]

(a) The permittee shall ensure that the external floating roof of this storage tank is equipped with the following components and complies with the following requirements:

(1) A primary seal that is maintained, as follows:

(i) Free of visible holes, tears, or other openings in the seal or seal fabric.

(ii) Intact and uniformly in place around the circumference of the floating roof between the floating roof and the tank wall.

(2) A continuous rim-mounted secondary seal that is maintained, as follows:

(i) Free of visible holes, tears, or other openings in the seal or seal fabric.

(ii) Intact and uniformly in place around the circumference of the floating roof between the floating roof and the tank wall.

(iii) Such that the accumulated area of gaps greater than 1/8 inch in width between the secondary seal and the tank wall does not exceed 1 square inch per foot of tank diameter (when used in combination with a vapor-mounted primary seal only).

(3) Automatic bleeder vents that are closed at all times when the roof is floating, except when the roof is being floated off or landed on the roof leg supports.

SECTION D. Source Level Requirements

(4) Rim vents that are set to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting.

(5) Emergency roof drains with slotted membrane fabric covers or equivalent covers that cover at least 90% of the area of the opening.

(6) For all other openings (not including leg sleeves):

(i) Covers, seals, or lids that are closed at all times except when the openings are in actual use.

(ii) Projections into the tank that are maintained below the surface of the crude oil at all times.

(b) The permittee shall determine compliance with (a)(2)(iii), above, by physically measuring the length and width of gaps around the entire circumference of the secondary seal in each place where a 1/8-inch uniform diameter probe passes freely (without forcing or binding against the seal) between the seal and tank wall and by summing the area of the individual gaps.

 # 007 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(f)(1) and (h).]

The permittee shall perform the following maintenance inspections and repairs for this storage tank on an annual basis:

(a) A visual check of the condition of the outside of the storage tank.

(b) A visual check of all associated pipes, valves, and flanges.

(c) A visual and physical check of the condition of the external floating roof and components to demonstrate compliance with the requirements indicated in Condition # 006(a)(1)-(6), Section D (under Source ID 114), of this permit. The permittee shall repair any components that do not comply with these requirements within forty-five (45) days after the date of the inspection or, otherwise, empty and remove the storage tank from service. If neither the components can be repaired nor the tank can be emptied within forty-five (45) days, the permittee may request a thirty (30)-day extension from the Department. The request for extension shall document that alternate storage capacity is unavailable and specify a schedule of actions the permittee will take to assure that the components will be repaired or the storage tank will be emptied as soon as possible, but within the timeframe of the thirty (30)-day extension.

 # 008 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(g).]

(a) The permittee shall determine the maximum true vapor pressure of the crude oil as stored in this storage tank using a temperature that is representative of the average storage temperature for the hottest month of the year in which the storage takes place.

(b) The permittee shall calculate the VOC emissions from the storage tank on a monthly and 12-month rolling basis, using Department-approved methods.

VII. ADDITIONAL REQUIREMENTS.

 # 009 [25 Pa. Code §127.441]
Operating permit terms and conditions.

This source consists of an external floating roof, crude oil storage tank (no. DC-10) with a capacity of 4,058,588 gals (96,633 bbls).

SECTION D. Source Level Requirements

***** Permit Shield in Effect. *****

SECTION D. Source Level Requirements

Source ID: 115 Source Name: TANK DC-11: 4,058,588 GAL EXT FTR.ROOF

Source Capacity/Throughput: 17,262.000 Gal/HR CRUDE OIL

PROC 115	→	STAC Z10

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

 # 001 [25 Pa. Code §127.441]
Operating permit terms and conditions.

The permittee shall monitor the following operating parameters for this storage tank:

(a) The type of crude oil stored.

(b) The throughput, on a daily basis.

IV. RECORDKEEPING REQUIREMENTS.

 # 002 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(f)(3).]

The permittee shall maintain records of the following operating parameters for each type of crude oil stored in this storage tank:

(a) The type of crude oil stored.

(b) The throughput, on a daily basis.

(c) The starting and ending dates of storage.

(d) The average storage temperature for the hottest month of the year in which the storage takes place.

(e) The maximum true vapor pressure of the crude oil as stored.

 # 003 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(f)(3).]

The permittee shall maintain records of all maintenance inspections for this storage tank, performed in accordance with Condition # 007(a)-(c), Section D (under Source ID 115), of this permit. These records shall contain, at a minimum, the following for each inspection:

SECTION D. Source Level Requirements

(a) The date and time of the inspection.

(b) All measurements and calculations performed in accordance with Condition # 006(b), Section D (under Source ID 115), of this permit.

(c) Any maintenance and/or repairs performed.

 # 004 [25 Pa. Code §127.441]
Operating permit terms and conditions.

The permittee shall maintain records of the VOC emissions from this storage tank on a monthly and 12-month rolling basis, calculated using Department-approved methods.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

 # 005 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(a)(1).]

The permittee shall ensure that the true vapor pressure of the crude oil stored in this storage tank is less than 11 psia (76 kPa) under actual storage conditions.

 # 006 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(b)(1)-(5).]

(a) The permittee shall ensure that the external floating roof of this storage tank is equipped with the following components and complies with the following requirements:

(1) A primary seal that is maintained, as follows:

(i) Free of visible holes, tears, or other openings in the seal or seal fabric.

(ii) Intact and uniformly in place around the circumference of the floating roof between the floating roof and the tank wall.

(2) A continuous rim-mounted secondary seal that is maintained, as follows:

(i) Free of visible holes, tears, or other openings in the seal or seal fabric.

(ii) Intact and uniformly in place around the circumference of the floating roof between the floating roof and the tank wall.

(iii) Such that the accumulated area of gaps greater than 1/8 inch in width between the secondary seal and the tank wall does not exceed 1 square inch per foot of tank diameter (when used in combination with a vapor-mounted primary seal only).

(3) Automatic bleeder vents that are closed at all times when the roof is floating, except when the roof is being floated off or landed on the roof leg supports.

SECTION D. Source Level Requirements

(4) Rim vents that are set to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting.

(5) Emergency roof drains with slotted membrane fabric covers or equivalent covers that cover at least 90% of the area of the opening.

(6) For all other openings (not including leg sleeves):

(i) Covers, seals, or lids that are closed at all times except when the openings are in actual use.

(ii) Projections into the tank that are maintained below the surface of the crude oil at all times.

(b) The permittee shall determine compliance with (a)(2)(iii), above, by physically measuring the length and width of gaps around the entire circumference of the secondary seal in each place where a 1/8-inch uniform diameter probe passes freely (without forcing or binding against the seal) between the seal and tank wall and by summing the area of the individual gaps.

 # 007 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(f)(1) and (h).]

The permittee shall perform the following maintenance inspections and repairs for this storage tank on an annual basis:

(a) A visual check of the condition of the outside of the storage tank.

(b) A visual check of all associated pipes, valves, and flanges.

(c) A visual and physical check of the condition of the external floating roof and components to demonstrate compliance with the requirements indicated in Condition # 006(a)(1)-(6), Section D (under Source ID 115), of this permit. The permittee shall repair any components that do not comply with these requirements within forty-five (45) days after the date of the inspection or, otherwise, empty and remove the storage tank from service. If neither the components can be repaired nor the tank can be emptied within forty-five (45) days, the permittee may request a thirty (30)-day extension from the Department. The request for extension shall document that alternate storage capacity is unavailable and specify a schedule of actions the permittee will take to assure that the components will be repaired or the storage tank will be emptied as soon as possible, but within the timeframe of the thirty (30)-day extension.

 # 008 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(g).]

(a) The permittee shall determine the maximum true vapor pressure of the crude oil as stored in this storage tank using a temperature that is representative of the average storage temperature for the hottest month of the year in which the storage takes place.

(b) The permittee shall calculate the VOC emissions from the storage tank on a monthly and 12-month rolling basis, using Department-approved methods.

VII. ADDITIONAL REQUIREMENTS.

 # 009 [25 Pa. Code §127.441]
Operating permit terms and conditions.

This source consists of an external floating roof, crude oil storage tank (no. DC-11) with a capacity of 4,058,588 gals (96,633 bbls).

SECTION D. Source Level Requirements

***** Permit Shield in Effect. *****

SECTION D. Source Level Requirements

Source ID: 116 Source Name: TANK DC-12: 4,058,588 GAL EXT FTR.ROOF

Source Capacity/Throughput: 17,262.000 Gal/HR CRUDE OIL

PROC 116 → STAC Z11

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

 # 001 [25 Pa. Code §127.441]
Operating permit terms and conditions.

The permittee shall monitor the following operating parameters for this storage tank:

(a) The type of crude oil stored.

(b) The throughput, on a daily basis.

IV. RECORDKEEPING REQUIREMENTS.

 # 002 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(f)(3).]

The permittee shall maintain records of the following operating parameters for each type of crude oil stored in this storage tank:

(a) The type of crude oil stored.

(b) The throughput, on a daily basis.

(c) The starting and ending dates of storage.

(d) The average storage temperature for the hottest month of the year in which the storage takes place.

(e) The maximum true vapor pressure of the crude oil as stored.

 # 003 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(f)(3).]

The permittee shall maintain records of all maintenance inspections for this storage tank, performed in accordance with Condition # 007(a)-(c), Section D (under Source ID 116), of this permit. These records shall contain, at a minimum, the following for each inspection:

SECTION D. Source Level Requirements

(a) The date and time of the inspection.

(b) All measurements and calculations performed in accordance with Condition # 006(b), Section D (under Source ID 116), of this permit.

(c) Any maintenance and/or repairs performed.

 # 004 [25 Pa. Code §127.441]
Operating permit terms and conditions.

The permittee shall maintain records of the VOC emissions from this storage tank on a monthly and 12-month rolling basis, calculated using Department-approved methods.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

 # 005 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(a)(1).]

The permittee shall ensure that the true vapor pressure of the crude oil stored in this storage tank is less than 11 psia (76 kPa) under actual storage conditions.

 # 006 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(b)(1)-(5).]

(a) The permittee shall ensure that the external floating roof of this storage tank is equipped with the following components and complies with the following requirements:

(1) A primary seal that is maintained, as follows:

(i) Free of visible holes, tears, or other openings in the seal or seal fabric.

(ii) Intact and uniformly in place around the circumference of the floating roof between the floating roof and the tank wall.

(2) A continuous rim-mounted secondary seal that is maintained, as follows:

(i) Free of visible holes, tears, or other openings in the seal or seal fabric.

(ii) Intact and uniformly in place around the circumference of the floating roof between the floating roof and the tank wall.

(iii) Such that the accumulated area of gaps greater than 1/8 inch in width between the secondary seal and the tank wall does not exceed 1 square inch per foot of tank diameter (when used in combination with a vapor-mounted primary seal only).

(3) Automatic bleeder vents that are closed at all times when the roof is floating, except when the roof is being floated off or landed on the roof leg supports.

SECTION D. Source Level Requirements

(4) Rim vents that are set to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting.

(5) Emergency roof drains with slotted membrane fabric covers or equivalent covers that cover at least 90% of the area of the opening.

(6) For all other openings (not including leg sleeves):

(i) Covers, seals, or lids that are closed at all times except when the openings are in actual use.

(ii) Projections into the tank that are maintained below the surface of the crude oil at all times.

(b) The permittee shall determine compliance with (a)(2)(iii), above, by physically measuring the length and width of gaps around the entire circumference of the secondary seal in each place where a 1/8-inch uniform diameter probe passes freely (without forcing or binding against the seal) between the seal and tank wall and by summing the area of the individual gaps.

 # 007 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(f)(1) and (h).]

The permittee shall perform the following maintenance inspections and repairs for this storage tank on an annual basis:

(a) A visual check of the condition of the outside of the storage tank.

(b) A visual check of all associated pipes, valves, and flanges.

(c) A visual and physical check of the condition of the external floating roof and components to demonstrate compliance with the requirements indicated in Condition # 006(a)(1)-(6), Section D (under Source ID 116), of this permit. The permittee shall repair any components that do not comply with these requirements within forty-five (45) days after the date of the inspection or, otherwise, empty and remove the storage tank from service. If neither the components can be repaired nor the tank can be emptied within forty-five (45) days, the permittee may request a thirty (30)-day extension from the Department. The request for extension shall document that alternate storage capacity is unavailable and specify a schedule of actions the permittee will take to assure that the components will be repaired or the storage tank will be emptied as soon as possible, but within the timeframe of the thirty (30)-day extension.

 # 008 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(g).]

(a) The permittee shall determine the maximum true vapor pressure of the crude oil as stored in this storage tank using a temperature that is representative of the average storage temperature for the hottest month of the year in which the storage takes place.

(b) The permittee shall calculate the VOC emissions from the storage tank on a monthly and 12-month rolling basis, using Department-approved methods.

VII. ADDITIONAL REQUIREMENTS.

 # 009 [25 Pa. Code §127.441]
Operating permit terms and conditions.

This source consists of an external floating roof, crude oil storage tank (no. DC-12) with a capacity of 4,058,588 gals (96,633 bbls).

SECTION D. Source Level Requirements

***** Permit Shield in Effect. *****

SECTION D. Source Level Requirements

Source ID: 117 Source Name: TANK DC-13: 4,058,588 GAL EXT FTR.ROOF

Source Capacity/Throughput: 17,262.000 Gal/HR CRUDE OIL

PROC 117 → STAC Z12

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

 # 001 [25 Pa. Code §127.441]
Operating permit terms and conditions.

The permittee shall monitor the following operating parameters for this storage tank:

(a) The type of crude oil stored.

(b) The throughput, on a daily basis.

IV. RECORDKEEPING REQUIREMENTS.

 # 002 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(f)(3).]

The permittee shall maintain records of the following operating parameters for each type of crude oil stored in this storage tank:

(a) The type of crude oil stored.

(b) The throughput, on a daily basis.

(c) The starting and ending dates of storage.

(d) The average storage temperature for the hottest month of the year in which the storage takes place.

(e) The maximum true vapor pressure of the crude oil as stored.

 # 003 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(f)(3).]

The permittee shall maintain records of all maintenance inspections for this storage tank, performed in accordance with Condition # 007(a)-(c), Section D (under Source ID 117), of this permit. These records shall contain, at a minimum, the following for each inspection:

(a) The date and time of the inspection.

(b) All measurements and calculations performed in accordance with Condition # 006(b), Section D (under Source ID 117), of this permit.

(c) Any maintenance and/or repairs performed.

 # 004 [25 Pa. Code §127.441]
Operating permit terms and conditions.

The permittee shall maintain records of the VOC emissions from this storage tank on a monthly and 12-month rolling basis, calculated using Department-approved methods.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

 # 005 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(a)(1).]

The permittee shall ensure that the true vapor pressure of the crude oil stored in this storage tank is less than 11 psia (76 kPa) under actual storage conditions.

 # 006 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(b)(1)-(5).]

(a) The permittee shall ensure that the external floating roof of this storage tank is equipped with the following components and complies with the following requirements:

(1) A primary seal that is maintained, as follows:

(i) Free of visible holes, tears, or other openings in the seal or seal fabric.

(ii) Intact and uniformly in place around the circumference of the floating roof between the floating roof and the tank wall.

(2) A continuous rim-mounted secondary seal that is maintained, as follows:

(i) Free of visible holes, tears, or other openings in the seal or seal fabric.

(ii) Intact and uniformly in place around the circumference of the floating roof between the floating roof and the tank wall.

(iii) Such that the accumulated area of gaps greater than 1/8 inch in width between the secondary seal and the tank wall does not exceed 1 square inch per foot of tank diameter (when used in combination with a vapor-mounted primary seal only).

(3) Automatic bleeder vents that are closed at all times when the roof is floating, except when the roof is being floated off or landed on the roof leg supports.

SECTION D. Source Level Requirements

(4) Rim vents that are set to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting.

(5) Emergency roof drains with slotted membrane fabric covers or equivalent covers that cover at least 90% of the area of the opening.

(6) For all other openings (not including leg sleeves):

(i) Covers, seals, or lids that are closed at all times except when the openings are in actual use.

(ii) Projections into the tank that are maintained below the surface of the crude oil at all times.

(b) The permittee shall determine compliance with (a)(2)(iii), above, by physically measuring the length and width of gaps around the entire circumference of the secondary seal in each place where a 1/8-inch uniform diameter probe passes freely (without forcing or binding against the seal) between the seal and tank wall and by summing the area of the individual gaps.

 # 007 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(f)(1) and (h).]

The permittee shall perform the following maintenance inspections and repairs for this storage tank on an annual basis:

(a) A visual check of the condition of the outside of the storage tank.

(b) A visual check of all associated pipes, valves, and flanges.

(c) A visual and physical check of the condition of the external floating roof and components to demonstrate compliance with the requirements indicated in Condition # 006(a)(1)-(6), Section D (under Source ID 117), of this permit. The permittee shall repair any components that do not comply with these requirements within forty-five (45) days after the date of the inspection or, otherwise, empty and remove the storage tank from service. If neither the components can be repaired nor the tank can be emptied within forty-five (45) days, the permittee may request a thirty (30)-day extension from the Department. The request for extension shall document that alternate storage capacity is unavailable and specify a schedule of actions the permittee will take to assure that the components will be repaired or the storage tank will be emptied as soon as possible, but within the timeframe of the thirty (30)-day extension.

 # 008 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(g).]

(a) The permittee shall determine the maximum true vapor pressure of the crude oil as stored in this storage tank using a temperature that is representative of the average storage temperature for the hottest month of the year in which the storage takes place.

(b) The permittee shall calculate the VOC emissions from the storage tank on a monthly and 12-month rolling basis, using Department-approved methods.

VII. ADDITIONAL REQUIREMENTS.

 # 009 [25 Pa. Code §127.441]
Operating permit terms and conditions.

This source consists of an external floating roof, crude oil storage tank (no. DC-13) with a capacity of 4,058,588 gals (96,633 bbls).

SECTION D. Source Level Requirements

***** Permit Shield in Effect. *****

SECTION D. Source Level Requirements

Source ID: 118 Source Name: TANK DC-14: 4,058,588 GAL EXT FTR.ROOF

Source Capacity/Throughput: 17,262.000 Gal/HR CRUDE OIL

PROC 118	→	STAC Z13

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

 # 001 [25 Pa. Code §127.441]
Operating permit terms and conditions.

The permittee shall monitor the following operating parameters for this storage tank:

(a) The type of crude oil stored.

(b) The throughput, on a daily basis.

IV. RECORDKEEPING REQUIREMENTS.

 # 002 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(f)(3).]

The permittee shall maintain records of the following operating parameters for each type of crude oil stored in this storage tank:

(a) The type of crude oil stored.

(b) The throughput, on a daily basis.

(c) The starting and ending dates of storage.

(d) The average storage temperature for the hottest month of the year in which the storage takes place.

(e) The maximum true vapor pressure of the crude oil as stored.

 # 003 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(f)(3).]

The permittee shall maintain records of all maintenance inspections for this storage tank, performed in accordance with Condition # 007(a)-(c), Section D (under Source ID 118), of this permit. These records shall contain, at a minimum, the following for each inspection:

SECTION D. Source Level Requirements

(a) The date and time of the inspection.

(b) All measurements and calculations performed in accordance with Condition # 006(b), Section D (under Source ID 118), of this permit.

(c) Any maintenance and/or repairs performed.

 # 004 [25 Pa. Code §127.441]
Operating permit terms and conditions.

The permittee shall maintain records of the VOC emissions from this storage tank on a monthly and 12-month rolling basis, calculated using Department-approved methods.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

 # 005 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(a)(1).]

The permittee shall ensure that the true vapor pressure of the crude oil stored in this storage tank is less than 11 psia (76 kPa) under actual storage conditions.

 # 006 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(b)(1)-(5).]

(a) The permittee shall ensure that the external floating roof of this storage tank is equipped with the following components and complies with the following requirements:

(1) A primary seal that is maintained, as follows:

(i) Free of visible holes, tears, or other openings in the seal or seal fabric.

(ii) Intact and uniformly in place around the circumference of the floating roof between the floating roof and the tank wall.

(2) A continuous rim-mounted secondary seal that is maintained, as follows:

(i) Free of visible holes, tears, or other openings in the seal or seal fabric.

(ii) Intact and uniformly in place around the circumference of the floating roof between the floating roof and the tank wall.

(iii) Such that the accumulated area of gaps greater than 1/8 inch in width between the secondary seal and the tank wall does not exceed 1 square inch per foot of tank diameter (when used in combination with a vapor-mounted primary seal only).

(3) Automatic bleeder vents that are closed at all times when the roof is floating, except when the roof is being floated off or landed on the roof leg supports.

SECTION D. Source Level Requirements

(4) Rim vents that are set to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting.

(5) Emergency roof drains with slotted membrane fabric covers or equivalent covers that cover at least 90% of the area of the opening.

(6) For all other openings (not including leg sleeves):

(i) Covers, seals, or lids that are closed at all times except when the openings are in actual use.

(ii) Projections into the tank that are maintained below the surface of the crude oil at all times.

(b) The permittee shall determine compliance with (a)(2)(iii), above, by physically measuring the length and width of gaps around the entire circumference of the secondary seal in each place where a 1/8-inch uniform diameter probe passes freely (without forcing or binding against the seal) between the seal and tank wall and by summing the area of the individual gaps.

 # 007 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(f)(1) and (h).]

The permittee shall perform the following maintenance inspections and repairs for this storage tank on an annual basis:

(a) A visual check of the condition of the outside of the storage tank.

(b) A visual check of all associated pipes, valves, and flanges.

(c) A visual and physical check of the condition of the external floating roof and components to demonstrate compliance with the requirements indicated in Condition # 006(a)(1)-(6), Section D (under Source ID 118), of this permit. The permittee shall repair any components that do not comply with these requirements within forty-five (45) days after the date of the inspection or, otherwise, empty and remove the storage tank from service. If neither the components can be repaired nor the tank can be emptied within forty-five (45) days, the permittee may request a thirty (30)-day extension from the Department. The request for extension shall document that alternate storage capacity is unavailable and specify a schedule of actions the permittee will take to assure that the components will be repaired or the storage tank will be emptied as soon as possible, but within the timeframe of the thirty (30)-day extension.

 # 008 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(g).]

(a) The permittee shall determine the maximum true vapor pressure of the crude oil as stored in this storage tank using a temperature that is representative of the average storage temperature for the hottest month of the year in which the storage takes place.

(b) The permittee shall calculate the VOC emissions from the storage tank on a monthly and 12-month rolling basis, using Department-approved methods.

VII. ADDITIONAL REQUIREMENTS.

 # 009 [25 Pa. Code §127.441]
Operating permit terms and conditions.

This source consists of an external floating roof, crude oil storage tank (no. DC-14) with a capacity of 4,058,588 gals (96,633 bbls).

SECTION D. Source Level Requirements

***** Permit Shield in Effect. *****

SECTION D. Source Level Requirements

Source ID: 119 Source Name: TANK DC-15: 4,058,588 GAL EXT FTR.ROOF

Source Capacity/Throughput: 17,262.000 Gal/HR CRUDE OIL

PROC 119	→	STAC Z14

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

 # 001 [25 Pa. Code §127.441]
Operating permit terms and conditions.

The permittee shall monitor the following operating parameters for this storage tank:

(a) The type of crude oil stored.

(b) The throughput, on a daily basis.

IV. RECORDKEEPING REQUIREMENTS.

 # 002 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(f)(3).]

The permittee shall maintain records of the following operating parameters for each type of crude oil stored in this storage tank:

(a) The type of crude oil stored.

(b) The throughput, on a daily basis.

(c) The starting and ending dates of storage.

(d) The average storage temperature for the hottest month of the year in which the storage takes place.

(e) The maximum true vapor pressure of the crude oil as stored.

 # 003 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(f)(3).]

The permittee shall maintain records of all maintenance inspections for this storage tank, performed in accordance with Condition # 007(a)-(c), Section D (under Source ID 119), of this permit. These records shall contain, at a minimum, the following for each inspection:

SECTION D. Source Level Requirements

(a) The date and time of the inspection.

(b) All measurements and calculations performed in accordance with Condition # 006(b), Section D (under Source ID 119), of this permit.

(c) Any maintenance and/or repairs performed.

 # 004 [25 Pa. Code §127.441]
Operating permit terms and conditions.

The permittee shall maintain records of the VOC emissions from this storage tank on a monthly and 12-month rolling basis, calculated using Department-approved methods.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

 # 005 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(a)(1).]

The permittee shall ensure that the true vapor pressure of the crude oil stored in this storage tank is less than 11 psia (76 kPa) under actual storage conditions.

 # 006 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(b)(1)-(5).]

(a) The permittee shall ensure that the external floating roof of this storage tank is equipped with the following components and complies with the following requirements:

(1) A primary seal that is maintained, as follows:

(i) Free of visible holes, tears, or other openings in the seal or seal fabric.

(ii) Intact and uniformly in place around the circumference of the floating roof between the floating roof and the tank wall.

(2) A continuous rim-mounted secondary seal that is maintained, as follows:

(i) Free of visible holes, tears, or other openings in the seal or seal fabric.

(ii) Intact and uniformly in place around the circumference of the floating roof between the floating roof and the tank wall.

(iii) Such that the accumulated area of gaps greater than 1/8 inch in width between the secondary seal and the tank wall does not exceed 1 square inch per foot of tank diameter (when used in combination with a vapor-mounted primary seal only).

(3) Automatic bleeder vents that are closed at all times when the roof is floating, except when the roof is being floated off or landed on the roof leg supports.

SECTION D. Source Level Requirements

(4) Rim vents that are set to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting.

(5) Emergency roof drains with slotted membrane fabric covers or equivalent covers that cover at least 90% of the area of the opening.

(6) For all other openings (not including leg sleeves):

(i) Covers, seals, or lids that are closed at all times except when the openings are in actual use.

(ii) Projections into the tank that are maintained below the surface of the crude oil at all times.

(b) The permittee shall determine compliance with (a)(2)(iii), above, by physically measuring the length and width of gaps around the entire circumference of the secondary seal in each place where a 1/8-inch uniform diameter probe passes freely (without forcing or binding against the seal) between the seal and tank wall and by summing the area of the individual gaps.

 # 007 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(f)(1) and (h).]

The permittee shall perform the following maintenance inspections and repairs for this storage tank on an annual basis:

(a) A visual check of the condition of the outside of the storage tank.

(b) A visual check of all associated pipes, valves, and flanges.

(c) A visual and physical check of the condition of the external floating roof and components to demonstrate compliance with the requirements indicated in Condition # 006(a)(1)-(6), Section D (under Source ID 119), of this permit. The permittee shall repair any components that do not comply with these requirements within forty-five (45) days after the date of the inspection or, otherwise, empty and remove the storage tank from service. If neither the components can be repaired nor the tank can be emptied within forty-five (45) days, the permittee may request a thirty (30)-day extension from the Department. The request for extension shall document that alternate storage capacity is unavailable and specify a schedule of actions the permittee will take to assure that the components will be repaired or the storage tank will be emptied as soon as possible, but within the timeframe of the thirty (30)-day extension.

 # 008 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(g).]

(a) The permittee shall determine the maximum true vapor pressure of the crude oil as stored in this storage tank using a temperature that is representative of the average storage temperature for the hottest month of the year in which the storage takes place.

(b) The permittee shall calculate the VOC emissions from the storage tank on a monthly and 12-month rolling basis, using Department-approved methods.

VII. ADDITIONAL REQUIREMENTS.

 # 009 [25 Pa. Code §127.441]
Operating permit terms and conditions.

This source consists of an external floating roof, crude oil storage tank (no. DC-15) with a capacity of 4,058,588 gals (96,633 bbls).

SECTION D. Source Level Requirements

*** Permit Shield in Effect. ***

SECTION D. Source Level Requirements

Source ID: 120 Source Name: TANK DC-16: 4,058,588 GAL EXT FTR.ROOF

Source Capacity/Throughput: 17,262.000 Gal/HR CRUDE OIL

PROC 120 → STAC Z15

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

 # 001 [25 Pa. Code §127.441]
Operating permit terms and conditions.

The permittee shall monitor the following operating parameters for this storage tank:

(a) The type of crude oil stored.

(b) The throughput, on a daily basis.

IV. RECORDKEEPING REQUIREMENTS.

 # 002 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(f)(3).]

The permittee shall maintain records of the following operating parameters for each type of crude oil stored in this storage tank:

(a) The type of crude oil stored.

(b) The throughput, on a daily basis.

(c) The starting and ending dates of storage.

(d) The average storage temperature for the hottest month of the year in which the storage takes place.

(e) The maximum true vapor pressure of the crude oil as stored.

 # 003 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(f)(3).]

The permittee shall maintain records of all maintenance inspections for this storage tank, performed in accordance with Condition # 007(a)-(c), Section D (under Source ID 120), of this permit. These records shall contain, at a minimum, the following for each inspection:

(a) The date and time of the inspection.

(b) All measurements and calculations performed in accordance with Condition # 006(b), Section D (under Source ID 120), of this permit.

(c) Any maintenance and/or repairs performed.

 # 004 [25 Pa. Code §127.441]
Operating permit terms and conditions.

The permittee shall maintain records of the VOC emissions from this storage tank on a monthly and 12-month rolling basis, calculated using Department-approved methods.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

 # 005 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(a)(1).]

The permittee shall ensure that the true vapor pressure of the crude oil stored in this storage tank is less than 11 psia (76 kPa) under actual storage conditions.

 # 006 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(b)(1)-(5).]

(a) The permittee shall ensure that the external floating roof of this storage tank is equipped with the following components and complies with the following requirements:

(1) A primary seal that is maintained, as follows:

(i) Free of visible holes, tears, or other openings in the seal or seal fabric.

(ii) Intact and uniformly in place around the circumference of the floating roof between the floating roof and the tank wall.

(2) A continuous rim-mounted secondary seal that is maintained, as follows:

(i) Free of visible holes, tears, or other openings in the seal or seal fabric.

(ii) Intact and uniformly in place around the circumference of the floating roof between the floating roof and the tank wall.

(iii) Such that the accumulated area of gaps greater than 1/8 inch in width between the secondary seal and the tank wall does not exceed 1 square inch per foot of tank diameter (when used in combination with a vapor-mounted primary seal only).

(3) Automatic bleeder vents that are closed at all times when the roof is floating, except when the roof is being floated off or landed on the roof leg supports.

SECTION D. Source Level Requirements

(4) Rim vents that are set to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting.

(5) Emergency roof drains with slotted membrane fabric covers or equivalent covers that cover at least 90% of the area of the opening.

(6) For all other openings (not including leg sleeves):

(i) Covers, seals, or lids that are closed at all times except when the openings are in actual use.

(ii) Projections into the tank that are maintained below the surface of the crude oil at all times.

(b) The permittee shall determine compliance with (a)(2)(iii), above, by physically measuring the length and width of gaps around the entire circumference of the secondary seal in each place where a 1/8-inch uniform diameter probe passes freely (without forcing or binding against the seal) between the seal and tank wall and by summing the area of the individual gaps.

 # 007 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(f)(1) and (h).]

The permittee shall perform the following maintenance inspections and repairs for this storage tank on an annual basis:

(a) A visual check of the condition of the outside of the storage tank.

(b) A visual check of all associated pipes, valves, and flanges.

(c) A visual and physical check of the condition of the external floating roof and components to demonstrate compliance with the requirements indicated in Condition # 006(a)(1)-(6), Section D (under Source ID 120), of this permit. The permittee shall repair any components that do not comply with these requirements within forty-five (45) days after the date of the inspection or, otherwise, empty and remove the storage tank from service. If neither the components can be repaired nor the tank can be emptied within forty-five (45) days, the permittee may request a thirty (30)-day extension from the Department. The request for extension shall document that alternate storage capacity is unavailable and specify a schedule of actions the permittee will take to assure that the components will be repaired or the storage tank will be emptied as soon as possible, but within the timeframe of the thirty (30)-day extension.

 # 008 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(g).]

(a) The permittee shall determine the maximum true vapor pressure of the crude oil as stored in this storage tank using a temperature that is representative of the average storage temperature for the hottest month of the year in which the storage takes place.

(b) The permittee shall calculate the VOC emissions from the storage tank on a monthly and 12-month rolling basis, using Department-approved methods.

VII. ADDITIONAL REQUIREMENTS.

 # 009 [25 Pa. Code §127.441]
Operating permit terms and conditions.

This source consists of an external floating roof, crude oil storage tank (no. DC-16) with a capacity of 4,058,588 gals (96,633 bbls).

SECTION D. Source Level Requirements

***** Permit Shield in Effect. *****

SECTION D. Source Level Requirements

Source ID: 121 Source Name: TANK DC-17: 4,058,588 GAL EXT FTR.ROOF

Source Capacity/Throughput: 17,262.000 Gal/HR CRUDE OIL

PROC 121 → STAC Z16

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

 # 001 [25 Pa. Code §127.441]
Operating permit terms and conditions.

The permittee shall monitor the following operating parameters for this storage tank:

(a) The type of crude oil stored.

(b) The throughput, on a daily basis.

IV. RECORDKEEPING REQUIREMENTS.

 # 002 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(f)(3).]

The permittee shall maintain records of the following operating parameters for each type of crude oil stored in this storage tank:

(a) The type of crude oil stored.

(b) The throughput, on a daily basis.

(c) The starting and ending dates of storage.

(d) The average storage temperature for the hottest month of the year in which the storage takes place.

(e) The maximum true vapor pressure of the crude oil as stored.

 # 003 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(f)(3).]

The permittee shall maintain records of all maintenance inspections for this storage tank, performed in accordance with Condition # 007(a)-(c), Section D (under Source ID 121), of this permit. These records shall contain, at a minimum, the following for each inspection:

(a) The date and time of the inspection.

(b) All measurements and calculations performed in accordance with Condition # 006(b), Section D (under Source ID 121), of this permit.

(c) Any maintenance and/or repairs performed.

 # 004 [25 Pa. Code §127.441]
Operating permit terms and conditions.

The permittee shall maintain records of the VOC emissions from this storage tank on a monthly and 12-month rolling basis, calculated using Department-approved methods.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

 # 005 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(a)(1).]

The permittee shall ensure that the true vapor pressure of the crude oil stored in this storage tank is less than 11 psia (76 kPa) under actual storage conditions.

 # 006 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(b)(1)-(5).]

(a) The permittee shall ensure that the external floating roof of this storage tank is equipped with the following components and complies with the following requirements:

(1) A primary seal that is maintained, as follows:

(i) Free of visible holes, tears, or other openings in the seal or seal fabric.

(ii) Intact and uniformly in place around the circumference of the floating roof between the floating roof and the tank wall.

(2) A continuous rim-mounted secondary seal that is maintained, as follows:

(i) Free of visible holes, tears, or other openings in the seal or seal fabric.

(ii) Intact and uniformly in place around the circumference of the floating roof between the floating roof and the tank wall.

(iii) Such that the accumulated area of gaps greater than 1/8 inch in width between the secondary seal and the tank wall does not exceed 1 square inch per foot of tank diameter (when used in combination with a vapor-mounted primary seal only).

(3) Automatic bleeder vents that are closed at all times when the roof is floating, except when the roof is being floated off or landed on the roof leg supports.

SECTION D. Source Level Requirements

(4) Rim vents that are set to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting.

(5) Emergency roof drains with slotted membrane fabric covers or equivalent covers that cover at least 90% of the area of the opening.

(6) For all other openings (not including leg sleeves):

(i) Covers, seals, or lids that are closed at all times except when the openings are in actual use.

(ii) Projections into the tank that are maintained below the surface of the crude oil at all times.

(b) The permittee shall determine compliance with (a)(2)(iii), above, by physically measuring the length and width of gaps around the entire circumference of the secondary seal in each place where a 1/8-inch uniform diameter probe passes freely (without forcing or binding against the seal) between the seal and tank wall and by summing the area of the individual gaps.

 # 007 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(f)(1) and (h).]

The permittee shall perform the following maintenance inspections and repairs for this storage tank on an annual basis:

(a) A visual check of the condition of the outside of the storage tank.

(b) A visual check of all associated pipes, valves, and flanges.

(c) A visual and physical check of the condition of the external floating roof and components to demonstrate compliance with the requirements indicated in Condition # 006(a)(1)-(6), Section D (under Source ID 121), of this permit. The permittee shall repair any components that do not comply with these requirements within forty-five (45) days after the date of the inspection or, otherwise, empty and remove the storage tank from service. If neither the components can be repaired nor the tank can be emptied within forty-five (45) days, the permittee may request a thirty (30)-day extension from the Department. The request for extension shall document that alternate storage capacity is unavailable and specify a schedule of actions the permittee will take to assure that the components will be repaired or the storage tank will be emptied as soon as possible, but within the timeframe of the thirty (30)-day extension.

 # 008 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(g).]

(a) The permittee shall determine the maximum true vapor pressure of the crude oil as stored in this storage tank using a temperature that is representative of the average storage temperature for the hottest month of the year in which the storage takes place.

(b) The permittee shall calculate the VOC emissions from the storage tank on a monthly and 12-month rolling basis, using Department-approved methods.

VII. ADDITIONAL REQUIREMENTS.

 # 009 [25 Pa. Code §127.441]
Operating permit terms and conditions.

This source consists of an external floating roof, crude oil storage tank (no. DC-17) with a capacity of 4,058,588 gals (96,633 bbls).

SECTION D. Source Level Requirements

***** Permit Shield in Effect. *****

SECTION D. Source Level Requirements

Source ID: 122 Source Name: TANK DC-18: 4,058,588 GAL EXT FTR.ROOF

Source Capacity/Throughput: 17,262.000 Gal/HR CRUDE OIL

PROC 122 → STAC Z17

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

 # 001 [25 Pa. Code §127.441]
Operating permit terms and conditions.

The permittee shall monitor the following operating parameters for this storage tank:

(a) The type of crude oil stored.

(b) The throughput, on a daily basis.

IV. RECORDKEEPING REQUIREMENTS.

 # 002 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(f)(3).]

The permittee shall maintain records of the following operating parameters for each type of crude oil stored in this storage tank:

(a) The type of crude oil stored.

(b) The throughput, on a daily basis.

(c) The starting and ending dates of storage.

(d) The average storage temperature for the hottest month of the year in which the storage takes place.

(e) The maximum true vapor pressure of the crude oil as stored.

 # 003 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(f)(3).]

The permittee shall maintain records of all maintenance inspections for this storage tank, performed in accordance with Condition # 007(a)-(c), Section D (under Source ID 122), of this permit. These records shall contain, at a minimum, the following for each inspection:

SECTION D. Source Level Requirements

(a) The date and time of the inspection.

(b) All measurements and calculations performed in accordance with Condition # 006(b), Section D (under Source ID 122), of this permit.

(c) Any maintenance and/or repairs performed.

 # 004 [25 Pa. Code §127.441]
Operating permit terms and conditions.

The permittee shall maintain records of the VOC emissions from this storage tank on a monthly and 12-month rolling basis, calculated using Department-approved methods.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

 # 005 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(a)(1).]

The permittee shall ensure that the true vapor pressure of the crude oil stored in this storage tank is less than 11 psia (76 kPa) under actual storage conditions.

 # 006 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(b)(1)-(5).]

(a) The permittee shall ensure that the external floating roof of this storage tank is equipped with the following components and complies with the following requirements:

(1) A primary seal that is maintained, as follows:

(i) Free of visible holes, tears, or other openings in the seal or seal fabric.

(ii) Intact and uniformly in place around the circumference of the floating roof between the floating roof and the tank wall.

(2) A continuous rim-mounted secondary seal that is maintained, as follows:

(i) Free of visible holes, tears, or other openings in the seal or seal fabric.

(ii) Intact and uniformly in place around the circumference of the floating roof between the floating roof and the tank wall.

(iii) Such that the accumulated area of gaps greater than 1/8 inch in width between the secondary seal and the tank wall does not exceed 1 square inch per foot of tank diameter (when used in combination with a vapor-mounted primary seal only).

(3) Automatic bleeder vents that are closed at all times when the roof is floating, except when the roof is being floated off or landed on the roof leg supports.

SECTION D. Source Level Requirements

(4) Rim vents that are set to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting.

(5) Emergency roof drains with slotted membrane fabric covers or equivalent covers that cover at least 90% of the area of the opening.

(6) For all other openings (not including leg sleeves):

(i) Covers, seals, or lids that are closed at all times except when the openings are in actual use.

(ii) Projections into the tank that are maintained below the surface of the crude oil at all times.

(b) The permittee shall determine compliance with (a)(2)(iii), above, by physically measuring the length and width of gaps around the entire circumference of the secondary seal in each place where a 1/8-inch uniform diameter probe passes freely (without forcing or binding against the seal) between the seal and tank wall and by summing the area of the individual gaps.

 # 007 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(f)(1) and (h).]

The permittee shall perform the following maintenance inspections and repairs for this storage tank on an annual basis:

(a) A visual check of the condition of the outside of the storage tank.

(b) A visual check of all associated pipes, valves, and flanges.

(c) A visual and physical check of the condition of the external floating roof and components to demonstrate compliance with the requirements indicated in Condition # 006(a)(1)-(6), Section D (under Source ID 122), of this permit. The permittee shall repair any components that do not comply with these requirements within forty-five (45) days after the date of the inspection or, otherwise, empty and remove the storage tank from service. If neither the components can be repaired nor the tank can be emptied within forty-five (45) days, the permittee may request a thirty (30)-day extension from the Department. The request for extension shall document that alternate storage capacity is unavailable and specify a schedule of actions the permittee will take to assure that the components will be repaired or the storage tank will be emptied as soon as possible, but within the timeframe of the thirty (30)-day extension.

 # 008 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(g).]

(a) The permittee shall determine the maximum true vapor pressure of the crude oil as stored in this storage tank using a temperature that is representative of the average storage temperature for the hottest month of the year in which the storage takes place.

(b) The permittee shall calculate the VOC emissions from the storage tank on a monthly and 12-month rolling basis, using Department-approved methods.

VII. ADDITIONAL REQUIREMENTS.

 # 009 [25 Pa. Code §127.441]
Operating permit terms and conditions.

This source consists of an external floating roof, crude oil storage tank (no. DC-18) with a capacity of 4,058,588 gals (96,633 bbls).

SECTION D. Source Level Requirements

***** Permit Shield in Effect. *****

SECTION D. Source Level Requirements

Source ID: 123 Source Name: TANK DC-19: 4,058,588 GAL EXT FTR.ROOF

Source Capacity/Throughput: 17,262.000 Gal/HR CRUDE OIL

PROC 123 → STAC Z18

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

 # 001 [25 Pa. Code §127.441]
Operating permit terms and conditions.

The permittee shall monitor the following operating parameters for this storage tank:

(a) The type of crude oil stored.

(b) The throughput, on a daily basis.

IV. RECORDKEEPING REQUIREMENTS.

 # 002 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(f)(3).]

The permittee shall maintain records of the following operating parameters for each type of crude oil stored in this storage tank:

(a) The type of crude oil stored.

(b) The throughput, on a daily basis.

(c) The starting and ending dates of storage.

(d) The average storage temperature for the hottest month of the year in which the storage takes place.

(e) The maximum true vapor pressure of the crude oil as stored.

 # 003 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(f)(3).]

The permittee shall maintain records of all maintenance inspections for this storage tank, performed in accordance with Condition # 007(a)-(c), Section D (under Source ID 123), of this permit. These records shall contain, at a minimum, the following for each inspection:

(a) The date and time of the inspection.

(b) All measurements and calculations performed in accordance with Condition # 006(b), Section D (under Source ID 123), of this permit.

(c) Any maintenance and/or repairs performed.

 # 004 [25 Pa. Code §127.441]
Operating permit terms and conditions.

The permittee shall maintain records of the VOC emissions from this storage tank on a monthly and 12-month rolling basis, calculated using Department-approved methods.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

 # 005 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(a)(1).]

The permittee shall ensure that the true vapor pressure of the crude oil stored in this storage tank is less than 11 psia (76 kPa) under actual storage conditions.

 # 006 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(b)(1)-(5).]

(a) The permittee shall ensure that the external floating roof of this storage tank is equipped with the following components and complies with the following requirements:

(1) A primary seal that is maintained, as follows:

(i) Free of visible holes, tears, or other openings in the seal or seal fabric.

(ii) Intact and uniformly in place around the circumference of the floating roof between the floating roof and the tank wall.

(2) A continuous rim-mounted secondary seal that is maintained, as follows:

(i) Free of visible holes, tears, or other openings in the seal or seal fabric.

(ii) Intact and uniformly in place around the circumference of the floating roof between the floating roof and the tank wall.

(iii) Such that the accumulated area of gaps greater than 1/8 inch in width between the secondary seal and the tank wall does not exceed 1 square inch per foot of tank diameter (when used in combination with a vapor-mounted primary seal only).

(3) Automatic bleeder vents that are closed at all times when the roof is floating, except when the roof is being floated off or landed on the roof leg supports.

SECTION D. Source Level Requirements

(4) Rim vents that are set to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting.

(5) Emergency roof drains with slotted membrane fabric covers or equivalent covers that cover at least 90% of the area of the opening.

(6) For all other openings (not including leg sleeves):

(i) Covers, seals, or lids that are closed at all times except when the openings are in actual use.

(ii) Projections into the tank that are maintained below the surface of the crude oil at all times.

(b) The permittee shall determine compliance with (a)(2)(iii), above, by physically measuring the length and width of gaps around the entire circumference of the secondary seal in each place where a 1/8-inch uniform diameter probe passes freely (without forcing or binding against the seal) between the seal and tank wall and by summing the area of the individual gaps.

 # 007 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(f)(1) and (h).]

The permittee shall perform the following maintenance inspections and repairs for this storage tank on an annual basis:

(a) A visual check of the condition of the outside of the storage tank.

(b) A visual check of all associated pipes, valves, and flanges.

(c) A visual and physical check of the condition of the external floating roof and components to demonstrate compliance with the requirements indicated in Condition # 006(a)(1)-(6), Section D (under Source ID 123), of this permit. The permittee shall repair any components that do not comply with these requirements within forty-five (45) days after the date of the inspection or, otherwise, empty and remove the storage tank from service. If neither the components can be repaired nor the tank can be emptied within forty-five (45) days, the permittee may request a thirty (30)-day extension from the Department. The request for extension shall document that alternate storage capacity is unavailable and specify a schedule of actions the permittee will take to assure that the components will be repaired or the storage tank will be emptied as soon as possible, but within the timeframe of the thirty (30)-day extension.

 # 008 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(g).]

(a) The permittee shall determine the maximum true vapor pressure of the crude oil as stored in this storage tank using a temperature that is representative of the average storage temperature for the hottest month of the year in which the storage takes place.

(b) The permittee shall calculate the VOC emissions from the storage tank on a monthly and 12-month rolling basis, using Department-approved methods.

VII. ADDITIONAL REQUIREMENTS.

 # 009 [25 Pa. Code §127.441]
Operating permit terms and conditions.

This source consists of an external floating roof, crude oil storage tank (no. DC-19) with a capacity of 4,058,588 gals (96,633 bbls).

SECTION D. Source Level Requirements

***** Permit Shield in Effect. *****

SECTION D. Source Level Requirements

Source ID: 124 Source Name: TANK DC-20: 4,058,588 GAL EXT FTR.ROOF

Source Capacity/Throughput: 17,262.000 Gal/HR CRUDE OIL

PROC 124 → STAC Z19

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

 # 001 [25 Pa. Code §127.441]
Operating permit terms and conditions.

The permittee shall monitor the following operating parameters for this storage tank:

(a) The type of crude oil stored.

(b) The throughput, on a daily basis.

IV. RECORDKEEPING REQUIREMENTS.

 # 002 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(f)(3).]

The permittee shall maintain records of the following operating parameters for each type of crude oil stored in this storage tank:

(a) The type of crude oil stored.

(b) The throughput, on a daily basis.

(c) The starting and ending dates of storage.

(d) The average storage temperature for the hottest month of the year in which the storage takes place.

(e) The maximum true vapor pressure of the crude oil as stored.

 # 003 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(f)(3).]

The permittee shall maintain records of all maintenance inspections for this storage tank, performed in accordance with Condition # 007(a)-(c), Section D (under Source ID 124), of this permit. These records shall contain, at a minimum, the following for each inspection:

(a) The date and time of the inspection.

(b) All measurements and calculations performed in accordance with Condition # 006(b), Section D (under Source ID 124), of this permit.

(c) Any maintenance and/or repairs performed.

 # 004 [25 Pa. Code §127.441]
Operating permit terms and conditions.

The permittee shall maintain records of the VOC emissions from this storage tank on a monthly and 12-month rolling basis, calculated using Department-approved methods.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

 # 005 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(a)(1).]

The permittee shall ensure that the true vapor pressure of the crude oil stored in this storage tank is less than 11 psia (76 kPa) under actual storage conditions.

 # 006 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(b)(1)-(5).]

(a) The permittee shall ensure that the external floating roof of this storage tank is equipped with the following components and complies with the following requirements:

(1) A primary seal that is maintained, as follows:

(i) Free of visible holes, tears, or other openings in the seal or seal fabric.

(ii) Intact and uniformly in place around the circumference of the floating roof between the floating roof and the tank wall.

(2) A continuous rim-mounted secondary seal that is maintained, as follows:

(i) Free of visible holes, tears, or other openings in the seal or seal fabric.

(ii) Intact and uniformly in place around the circumference of the floating roof between the floating roof and the tank wall.

(iii) Such that the accumulated area of gaps greater than 1/8 inch in width between the secondary seal and the tank wall does not exceed 1 square inch per foot of tank diameter (when used in combination with a vapor-mounted primary seal only).

(3) Automatic bleeder vents that are closed at all times when the roof is floating, except when the roof is being floated off or landed on the roof leg supports.

SECTION D. Source Level Requirements

(4) Rim vents that are set to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting.

(5) Emergency roof drains with slotted membrane fabric covers or equivalent covers that cover at least 90% of the area of the opening.

(6) For all other openings (not including leg sleeves):

(i) Covers, seals, or lids that are closed at all times except when the openings are in actual use.

(ii) Projections into the tank that are maintained below the surface of the crude oil at all times.

(b) The permittee shall determine compliance with (a)(2)(iii), above, by physically measuring the length and width of gaps around the entire circumference of the secondary seal in each place where a 1/8-inch uniform diameter probe passes freely (without forcing or binding against the seal) between the seal and tank wall and by summing the area of the individual gaps.

 # 007 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(f)(1) and (h).]

The permittee shall perform the following maintenance inspections and repairs for this storage tank on an annual basis:

(a) A visual check of the condition of the outside of the storage tank.

(b) A visual check of all associated pipes, valves, and flanges.

(c) A visual and physical check of the condition of the external floating roof and components to demonstrate compliance with the requirements indicated in Condition # 006(a)(1)-(6), Section D (under Source ID 124), of this permit. The permittee shall repair any components that do not comply with these requirements within forty-five (45) days after the date of the inspection or, otherwise, empty and remove the storage tank from service. If neither the components can be repaired nor the tank can be emptied within forty-five (45) days, the permittee may request a thirty (30)-day extension from the Department. The request for extension shall document that alternate storage capacity is unavailable and specify a schedule of actions the permittee will take to assure that the components will be repaired or the storage tank will be emptied as soon as possible, but within the timeframe of the thirty (30)-day extension.

 # 008 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(g).]

(a) The permittee shall determine the maximum true vapor pressure of the crude oil as stored in this storage tank using a temperature that is representative of the average storage temperature for the hottest month of the year in which the storage takes place.

(b) The permittee shall calculate the VOC emissions from the storage tank on a monthly and 12-month rolling basis, using Department-approved methods.

VII. ADDITIONAL REQUIREMENTS.

 # 009 [25 Pa. Code §127.441]
Operating permit terms and conditions.

This source consists of an external floating roof, crude oil storage tank (no. DC-20) with a capacity of 4,058,588 gals (96,633 bbls).

SECTION D. Source Level Requirements

***** Permit Shield in Effect. *****

SECTION D. Source Level Requirements

Source ID: 125 Source Name: TANK DC-21: 4,058,588 GAL EXT FTR.ROOF

Source Capacity/Throughput: 17,262.000 Gal/HR CRUDE OIL

PROC 125 → STAC Z20

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

 # 001 [25 Pa. Code §127.441]
Operating permit terms and conditions.

The permittee shall monitor the following operating parameters for this storage tank:

(a) The type of crude oil stored.

(b) The throughput, on a daily basis.

IV. RECORDKEEPING REQUIREMENTS.

 # 002 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(f)(3).]

The permittee shall maintain records of the following operating parameters for each type of crude oil stored in this storage tank:

(a) The type of crude oil stored.

(b) The throughput, on a daily basis.

(c) The starting and ending dates of storage.

(d) The average storage temperature for the hottest month of the year in which the storage takes place.

(e) The maximum true vapor pressure of the crude oil as stored.

 # 003 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(f)(3).]

The permittee shall maintain records of all maintenance inspections for this storage tank, performed in accordance with Condition # 007(a)-(c), Section D (under Source ID 125), of this permit. These records shall contain, at a minimum, the following for each inspection:

SECTION D. Source Level Requirements

(a) The date and time of the inspection.

(b) All measurements and calculations performed in accordance with Condition # 006(b), Section D (under Source ID 125), of this permit.

(c) Any maintenance and/or repairs performed.

 # 004 [25 Pa. Code §127.441]
Operating permit terms and conditions.

The permittee shall maintain records of the VOC emissions from this storage tank on a monthly and 12-month rolling basis, calculated using Department-approved methods.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

 # 005 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(a)(1).]

The permittee shall ensure that the true vapor pressure of the crude oil stored in this storage tank is less than 11 psia (76 kPa) under actual storage conditions.

 # 006 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(b)(1)-(5).]

(a) The permittee shall ensure that the external floating roof of this storage tank is equipped with the following components and complies with the following requirements:

(1) A primary seal that is maintained, as follows:

(i) Free of visible holes, tears, or other openings in the seal or seal fabric.

(ii) Intact and uniformly in place around the circumference of the floating roof between the floating roof and the tank wall.

(2) A continuous rim-mounted secondary seal that is maintained, as follows:

(i) Free of visible holes, tears, or other openings in the seal or seal fabric.

(ii) Intact and uniformly in place around the circumference of the floating roof between the floating roof and the tank wall.

(iii) Such that the accumulated area of gaps greater than 1/8 inch in width between the secondary seal and the tank wall does not exceed 1 square inch per foot of tank diameter (when used in combination with a vapor-mounted primary seal only).

(3) Automatic bleeder vents that are closed at all times when the roof is floating, except when the roof is being floated off or landed on the roof leg supports.

SECTION D. Source Level Requirements

(4) Rim vents that are set to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting.

(5) Emergency roof drains with slotted membrane fabric covers or equivalent covers that cover at least 90% of the area of the opening.

(6) For all other openings (not including leg sleeves):

(i) Covers, seals, or lids that are closed at all times except when the openings are in actual use.

(ii) Projections into the tank that are maintained below the surface of the crude oil at all times.

(b) The permittee shall determine compliance with (a)(2)(iii), above, by physically measuring the length and width of gaps around the entire circumference of the secondary seal in each place where a 1/8-inch uniform diameter probe passes freely (without forcing or binding against the seal) between the seal and tank wall and by summing the area of the individual gaps.

 # 007 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(f)(1) and (h).]

The permittee shall perform the following maintenance inspections and repairs for this storage tank on an annual basis:

(a) A visual check of the condition of the outside of the storage tank.

(b) A visual check of all associated pipes, valves, and flanges.

(c) A visual and physical check of the condition of the external floating roof and components to demonstrate compliance with the requirements indicated in Condition # 006(a)(1)-(6), Section D (under Source ID 125), of this permit. The permittee shall repair any components that do not comply with these requirements within forty-five (45) days after the date of the inspection or, otherwise, empty and remove the storage tank from service. If neither the components can be repaired nor the tank can be emptied within forty-five (45) days, the permittee may request a thirty (30)-day extension from the Department. The request for extension shall document that alternate storage capacity is unavailable and specify a schedule of actions the permittee will take to assure that the components will be repaired or the storage tank will be emptied as soon as possible, but within the timeframe of the thirty (30)-day extension.

 # 008 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(g).]

(a) The permittee shall determine the maximum true vapor pressure of the crude oil as stored in this storage tank using a temperature that is representative of the average storage temperature for the hottest month of the year in which the storage takes place.

(b) The permittee shall calculate the VOC emissions from the storage tank on a monthly and 12-month rolling basis, using Department-approved methods.

VII. ADDITIONAL REQUIREMENTS.

 # 009 [25 Pa. Code §127.441]
Operating permit terms and conditions.

This source consists of an external floating roof, crude oil storage tank (no. DC-21) with a capacity of 4,058,588 gals (96,633 bbls).

SECTION D. Source Level Requirements

***** Permit Shield in Effect. *****

SECTION D. Source Level Requirements

Source ID: 126 Source Name: TANK DC-22: 4,058,588 GAL EXT FTR.ROOF

Source Capacity/Throughput: 17,262.000 Gal/HR CRUDE OIL

PROC 126 → STAC Z21

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

 # 001 [25 Pa. Code §127.441]
Operating permit terms and conditions.

The permittee shall monitor the following operating parameters for this storage tank:

(a) The type of crude oil stored.

(b) The throughput, on a daily basis.

IV. RECORDKEEPING REQUIREMENTS.

 # 002 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(f)(3).]

The permittee shall maintain records of the following operating parameters for each type of crude oil stored in this storage tank:

(a) The type of crude oil stored.

(b) The throughput, on a daily basis.

(c) The starting and ending dates of storage.

(d) The average storage temperature for the hottest month of the year in which the storage takes place.

(e) The maximum true vapor pressure of the crude oil as stored.

 # 003 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(f)(3).]

The permittee shall maintain records of all maintenance inspections for this storage tank, performed in accordance with Condition # 007(a)-(c), Section D (under Source ID 126), of this permit. These records shall contain, at a minimum, the following for each inspection:

(a) The date and time of the inspection.

(b) All measurements and calculations performed in accordance with Condition # 006(b), Section D (under Source ID 126), of this permit.

(c) Any maintenance and/or repairs performed.

 # 004 [25 Pa. Code §127.441]
Operating permit terms and conditions.

The permittee shall maintain records of the VOC emissions from this storage tank on a monthly and 12-month rolling basis, calculated using Department-approved methods.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

 # 005 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(a)(1).]

The permittee shall ensure that the true vapor pressure of the crude oil stored in this storage tank is less than 11 psia (76 kPa) under actual storage conditions.

 # 006 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(b)(1)-(5).]

(a) The permittee shall ensure that the external floating roof of this storage tank is equipped with the following components and complies with the following requirements:

(1) A primary seal that is maintained, as follows:

(i) Free of visible holes, tears, or other openings in the seal or seal fabric.

(ii) Intact and uniformly in place around the circumference of the floating roof between the floating roof and the tank wall.

(2) A continuous rim-mounted secondary seal that is maintained, as follows:

(i) Free of visible holes, tears, or other openings in the seal or seal fabric.

(ii) Intact and uniformly in place around the circumference of the floating roof between the floating roof and the tank wall.

(iii) Such that the accumulated area of gaps greater than 1/8 inch in width between the secondary seal and the tank wall does not exceed 1 square inch per foot of tank diameter (when used in combination with a vapor-mounted primary seal only).

(3) Automatic bleeder vents that are closed at all times when the roof is floating, except when the roof is being floated off or landed on the roof leg supports.

SECTION D. Source Level Requirements

(4) Rim vents that are set to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting.

(5) Emergency roof drains with slotted membrane fabric covers or equivalent covers that cover at least 90% of the area of the opening.

(6) For all other openings (not including leg sleeves):

(i) Covers, seals, or lids that are closed at all times except when the openings are in actual use.

(ii) Projections into the tank that are maintained below the surface of the crude oil at all times.

(b) The permittee shall determine compliance with (a)(2)(iii), above, by physically measuring the length and width of gaps around the entire circumference of the secondary seal in each place where a 1/8-inch uniform diameter probe passes freely (without forcing or binding against the seal) between the seal and tank wall and by summing the area of the individual gaps.

 # 007 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(f)(1) and (h).]

The permittee shall perform the following maintenance inspections and repairs for this storage tank on an annual basis:

(a) A visual check of the condition of the outside of the storage tank.

(b) A visual check of all associated pipes, valves, and flanges.

(c) A visual and physical check of the condition of the external floating roof and components to demonstrate compliance with the requirements indicated in Condition # 006(a)(1)-(6), Section D (under Source ID 126), of this permit. The permittee shall repair any components that do not comply with these requirements within forty-five (45) days after the date of the inspection or, otherwise, empty and remove the storage tank from service. If neither the components can be repaired nor the tank can be emptied within forty-five (45) days, the permittee may request a thirty (30)-day extension from the Department. The request for extension shall document that alternate storage capacity is unavailable and specify a schedule of actions the permittee will take to assure that the components will be repaired or the storage tank will be emptied as soon as possible, but within the timeframe of the thirty (30)-day extension.

 # 008 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(g).]

(a) The permittee shall determine the maximum true vapor pressure of the crude oil as stored in this storage tank using a temperature that is representative of the average storage temperature for the hottest month of the year in which the storage takes place.

(b) The permittee shall calculate the VOC emissions from the storage tank on a monthly and 12-month rolling basis, using Department-approved methods.

VII. ADDITIONAL REQUIREMENTS.

 # 009 [25 Pa. Code §127.441]
Operating permit terms and conditions.

This source consists of an external floating roof, crude oil storage tank (no. DC-22) with a capacity of 4,058,588 gals (96,633 bbls).

SECTION D. Source Level Requirements

***** Permit Shield in Effect. *****

SECTION D. Source Level Requirements

Source ID: 127 Source Name: TANK DC-23: 4,058,588 GAL EXT FTR.ROOF

Source Capacity/Throughput: 17,262.000 Gal/HR CRUDE OIL

PROC 127 → STAC Z22

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

 # 001 [25 Pa. Code §127.441]
Operating permit terms and conditions.

The permittee shall monitor the following operating parameters for this storage tank:

(a) The type of crude oil stored.

(b) The throughput, on a daily basis.

IV. RECORDKEEPING REQUIREMENTS.

 # 002 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code §§ 127.443(b) and 129.56(f)(3).]

The permittee shall maintain records of the following operating parameters for each type of crude oil stored in this storage tank:

(a) The type of crude oil stored.

(b) The throughput, on a daily basis.

(c) The starting and ending dates of storage.

(d) The average storage temperature for the hottest month of the year in which the storage takes place.

(e) The maximum true vapor pressure of the crude oil as stored.

 # 003 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code §§ 127.443(b) and 129.56(f)(3).]

The permittee shall maintain records of all maintenance inspections for this storage tank, performed in accordance with Condition # 007(a)-(c), Section D (under Source ID 127), of this permit. These records shall contain, at a minimum, the following for each inspection:

SECTION D. Source Level Requirements

(a) The date and time of the inspection.

(b) All measurements and calculations performed in accordance with Condition # 006(b), Section D (under Source ID 127), of this permit.

(c) Any maintenance and/or repairs performed.

 # 004 [25 Pa. Code §127.441]
Operating permit terms and conditions.

The permittee shall maintain records of the VOC emissions from this storage tank on a monthly and 12-month rolling basis, calculated using Department-approved methods.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

 # 005 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(a)(1).]

The permittee shall ensure that the true vapor pressure of the crude oil stored in this storage tank is less than 11 psia (76 kPa) under actual storage conditions.

 # 006 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code §§ 127.443(b) and 129.56(b)(1)-(5).]

(a) The permittee shall ensure that the external floating roof of this storage tank is equipped with the following components and complies with the following requirements:

(1) A primary seal that is maintained, as follows:

(i) Free of visible holes, tears, or other openings in the seal or seal fabric.

(ii) Intact and uniformly in place around the circumference of the floating roof between the floating roof and the tank wall.

(2) A continuous rim-mounted secondary seal that is maintained, as follows:

(i) Free of visible holes, tears, or other openings in the seal or seal fabric.

(ii) Intact and uniformly in place around the circumference of the floating roof between the floating roof and the tank wall.

(iii) Such that the accumulated area of gaps greater than 1/8 inch in width between the secondary seal and the tank wall does not exceed 1 square inch per foot of tank diameter (when used in combination with a vapor-mounted primary seal only).

(3) Automatic bleeder vents that are closed at all times when the roof is floating, except when the roof is being floated off or landed on the roof leg supports.

SECTION D. Source Level Requirements

(4) Rim vents that are set to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting.

(5) Emergency roof drains with slotted membrane fabric covers or equivalent covers that cover at least 90% of the area of the opening.

(6) For all other openings (not including leg sleeves):

(i) Covers, seals, or lids that are closed at all times except when the openings are in actual use.

(ii) Projections into the tank that are maintained below the surface of the crude oil at all times.

(b) The permittee shall determine compliance with (a)(2)(iii), above, by physically measuring the length and width of gaps around the entire circumference of the secondary seal in each place where a 1/8-inch uniform diameter probe passes freely (without forcing or binding against the seal) between the seal and tank wall and by summing the area of the individual gaps.

 # 007 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code §§ 127.443(b) and 129.56(f)(1) and (h).]

The permittee shall perform the following maintenance inspections and repairs for this storage tank on an annual basis:

(a) A visual check of the condition of the outside of the storage tank.

(b) A visual check of all associated pipes, valves, and flanges.

(c) A visual and physical check of the condition of the external floating roof and components to demonstrate compliance with the requirements indicated in Condition # 006(a)(1)-(6), Section D (under Source ID 127), of this permit. The permittee shall repair any components that do not comply with these requirements within forty-five (45) days after the date of the inspection or, otherwise, empty and remove the storage tank from service. If neither the components can be repaired nor the tank can be emptied within forty-five (45) days, the permittee may request a thirty (30)-day extension from the Department. The request for extension shall document that alternate storage capacity is unavailable and specify a schedule of actions the permittee will take to assure that the components will be repaired or the storage tank will be emptied as soon as possible, but within the timeframe of the thirty (30)-day extension.

 # 008 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(g).]

(a) The permittee shall determine the maximum true vapor pressure of the crude oil as stored in this storage tank using a temperature that is representative of the average storage temperature for the hottest month of the year in which the storage takes place.

(b) The permittee shall calculate the VOC emissions from the storage tank on a monthly and 12-month rolling basis, using Department-approved methods.

VII. ADDITIONAL REQUIREMENTS.

 # 009 [25 Pa. Code §127.441]
Operating permit terms and conditions.

This source consists of an external floating roof, crude oil storage tank (no. DC-23) with a capacity of 4,058,588 gals (96,633 bbls).

SECTION D. Source Level Requirements

***** Permit Shield in Effect. *****

SECTION D. Source Level Requirements

Source ID: 128 Source Name: TANK DC-24: 4,058,588 GAL EXT FTR.ROOF

Source Capacity/Throughput: 17,262.000 Gal/HR CRUDE OIL

PROC 128	→	STAC Z23

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

 # 001 [25 Pa. Code §127.441]
Operating permit terms and conditions.

The permittee shall monitor the following operating parameters for this storage tank:

(a) The type of crude oil stored.

(b) The throughput, on a daily basis.

IV. RECORDKEEPING REQUIREMENTS.

 # 002 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(f)(3).]

The permittee shall maintain records of the following operating parameters for each type of crude oil stored in this storage tank:

(a) The type of crude oil stored.

(b) The throughput, on a daily basis.

(c) The starting and ending dates of storage.

(d) The average storage temperature for the hottest month of the year in which the storage takes place.

(e) The maximum true vapor pressure of the crude oil as stored.

 # 003 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(f)(3).]

The permittee shall maintain records of all maintenance inspections for this storage tank, performed in accordance with Condition # 007(a)-(c), Section D (under Source ID 128), of this permit. These records shall contain, at a minimum, the following for each inspection:

(a) The date and time of the inspection.

(b) All measurements and calculations performed in accordance with Condition # 006(b), Section D (under Source ID 128), of this permit.

(c) Any maintenance and/or repairs performed.

 # 004 [25 Pa. Code §127.441]
Operating permit terms and conditions.

The permittee shall maintain records of the VOC emissions from this storage tank on a monthly and 12-month rolling basis, calculated using Department-approved methods.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

 # 005 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(a)(1).]

The permittee shall ensure that the true vapor pressure of the crude oil stored in this storage tank is less than 11 psia (76 kPa) under actual storage conditions.

 # 006 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(b)(1)-(5).]

(a) The permittee shall ensure that the external floating roof of this storage tank is equipped with the following components and complies with the following requirements:

(1) A primary seal that is maintained, as follows:

(i) Free of visible holes, tears, or other openings in the seal or seal fabric.

(ii) Intact and uniformly in place around the circumference of the floating roof between the floating roof and the tank wall.

(2) A continuous rim-mounted secondary seal that is maintained, as follows:

(i) Free of visible holes, tears, or other openings in the seal or seal fabric.

(ii) Intact and uniformly in place around the circumference of the floating roof between the floating roof and the tank wall.

(iii) Such that the accumulated area of gaps greater than 1/8 inch in width between the secondary seal and the tank wall does not exceed 1 square inch per foot of tank diameter (when used in combination with a vapor-mounted primary seal only).

(3) Automatic bleeder vents that are closed at all times when the roof is floating, except when the roof is being floated off or landed on the roof leg supports.

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(4) Rim vents that are set to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting.

(5) Emergency roof drains with slotted membrane fabric covers or equivalent covers that cover at least 90% of the area of the opening.

(6) For all other openings (not including leg sleeves):

(i) Covers, seals, or lids that are closed at all times except when the openings are in actual use.

(ii) Projections into the tank that are maintained below the surface of the crude oil at all times.

(b) The permittee shall determine compliance with (a)(2)(iii), above, by physically measuring the length and width of gaps around the entire circumference of the secondary seal in each place where a 1/8-inch uniform diameter probe passes freely (without forcing or binding against the seal) between the seal and tank wall and by summing the area of the individual gaps.

 # 007 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(f)(1) and (h).]

The permittee shall perform the following maintenance inspections and repairs for this storage tank on an annual basis:

(a) A visual check of the condition of the outside of the storage tank.

(b) A visual check of all associated pipes, valves, and flanges.

(c) A visual and physical check of the condition of the external floating roof and components to demonstrate compliance with the requirements indicated in Condition # 006(a)(1)-(6), Section D (under Source ID 128), of this permit. The permittee shall repair any components that do not comply with these requirements within forty-five (45) days after the date of the inspection or, otherwise, empty and remove the storage tank from service. If neither the components can be repaired nor the tank can be emptied within forty-five (45) days, the permittee may request a thirty (30)-day extension from the Department. The request for extension shall document that alternate storage capacity is unavailable and specify a schedule of actions the permittee will take to assure that the components will be repaired or the storage tank will be emptied as soon as possible, but within the timeframe of the thirty (30)-day extension.

 # 008 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(g).]

(a) The permittee shall determine the maximum true vapor pressure of the crude oil as stored in this storage tank using a temperature that is representative of the average storage temperature for the hottest month of the year in which the storage takes place.

(b) The permittee shall calculate the VOC emissions from the storage tank on a monthly and 12-month rolling basis, using Department-approved methods.

VII. ADDITIONAL REQUIREMENTS.

 # 009 [25 Pa. Code §127.441]
Operating permit terms and conditions.

This source consists of an external floating roof, crude oil storage tank (no. DC-24) with a capacity of 4,058,588 gals (96,633 bbls).

SECTION D. Source Level Requirements

*** Permit Shield in Effect. ***

SECTION D. Source Level Requirements

Source ID: 131 Source Name: TANK DC-27: 4,058,588 GAL EXT FTR.ROOF

Source Capacity/Throughput: 17,262.000 Gal/HR CRUDE OIL

PROC 131 → STAC Z26

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

 # 001 [25 Pa. Code §127.441]
Operating permit terms and conditions.

The permittee shall monitor the following operating parameters for this storage tank:

(a) The type of crude oil stored.

(b) The throughput, on a daily basis.

IV. RECORDKEEPING REQUIREMENTS.

 # 002 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(f)(3).]

The permittee shall maintain records of the following operating parameters for each type of crude oil stored in this storage tank:

(a) The type of crude oil stored.

(b) The throughput, on a daily basis.

(c) The starting and ending dates of storage.

(d) The average storage temperature for the hottest month of the year in which the storage takes place.

(e) The maximum true vapor pressure of the crude oil as stored.

 # 003 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(f)(3).]

The permittee shall maintain records of all maintenance inspections for this storage tank, performed in accordance with Condition # 007(a)-(c), Section D (under Source ID 131), of this permit. These records shall contain, at a minimum, the following for each inspection:

(a) The date and time of the inspection.

(b) All measurements and calculations performed in accordance with Condition # 006(b), Section D (under Source ID 131), of this permit.

(c) Any maintenance and/or repairs performed.

 # 004 [25 Pa. Code §127.441]
Operating permit terms and conditions.

The permittee shall maintain records of the VOC emissions from this storage tank on a monthly and 12-month rolling basis, calculated using Department-approved methods.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

 # 005 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(a)(1).]

The permittee shall ensure that the true vapor pressure of the crude oil stored in this storage tank is less than 11 psia (76 kPa) under actual storage conditions.

 # 006 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(b)(1)-(5).]

(a) The permittee shall ensure that the external floating roof of this storage tank is equipped with the following components and complies with the following requirements:

(1) A primary seal that is maintained, as follows:

(i) Free of visible holes, tears, or other openings in the seal or seal fabric.

(ii) Intact and uniformly in place around the circumference of the floating roof between the floating roof and the tank wall.

(2) A continuous rim-mounted secondary seal that is maintained, as follows:

(i) Free of visible holes, tears, or other openings in the seal or seal fabric.

(ii) Intact and uniformly in place around the circumference of the floating roof between the floating roof and the tank wall.

(iii) Such that the accumulated area of gaps greater than 1/8 inch in width between the secondary seal and the tank wall does not exceed 1 square inch per foot of tank diameter (when used in combination with a vapor-mounted primary seal only).

(3) Automatic bleeder vents that are closed at all times when the roof is floating, except when the roof is being floated off or landed on the roof leg supports.

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(4) Rim vents that are set to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting.

(5) Emergency roof drains with slotted membrane fabric covers or equivalent covers that cover at least 90% of the area of the opening.

(6) For all other openings (not including leg sleeves):

(i) Covers, seals, or lids that are closed at all times except when the openings are in actual use.

(ii) Projections into the tank that are maintained below the surface of the crude oil at all times.

(b) The permittee shall determine compliance with (a)(2)(iii), above, by physically measuring the length and width of gaps around the entire circumference of the secondary seal in each place where a 1/8-inch uniform diameter probe passes freely (without forcing or binding against the seal) between the seal and tank wall and by summing the area of the individual gaps.

 # 007 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(f)(1) and (h).]

The permittee shall perform the following maintenance inspections and repairs for this storage tank on an annual basis:

(a) A visual check of the condition of the outside of the storage tank.

(b) A visual check of all associated pipes, valves, and flanges.

(c) A visual and physical check of the condition of the external floating roof and components to demonstrate compliance with the requirements indicated in Condition # 006(a)(1)-(6), Section D (under Source ID 131), of this permit. The permittee shall repair any components that do not comply with these requirements within forty-five (45) days after the date of the inspection or, otherwise, empty and remove the storage tank from service. If neither the components can be repaired nor the tank can be emptied within forty-five (45) days, the permittee may request a thirty (30)-day extension from the Department. The request for extension shall document that alternate storage capacity is unavailable and specify a schedule of actions the permittee will take to assure that the components will be repaired or the storage tank will be emptied as soon as possible, but within the timeframe of the thirty (30)-day extension.

 # 008 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(g).]

(a) The permittee shall determine the maximum true vapor pressure of the crude oil as stored in this storage tank using a temperature that is representative of the average storage temperature for the hottest month of the year in which the storage takes place.

(b) The permittee shall calculate the VOC emissions from the storage tank on a monthly and 12-month rolling basis, using Department-approved methods.

VII. ADDITIONAL REQUIREMENTS.

 # 009 [25 Pa. Code §127.441]
Operating permit terms and conditions.

This source consists of an external floating roof, crude oil storage tank (no. DC-27) with a capacity of 4,058,588 gals (96,633 bbls).

SECTION D. Source Level Requirements

*** Permit Shield in Effect. ***

SECTION D. Source Level Requirements

Source ID: 132 Source Name: TANK DC-28: 4,058,588 GAL EXT FTR.ROOF

Source Capacity/Throughput: 17,262.000 Gal/HR CRUDE OIL

PROC 132	→	STAC Z27

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

 # 001 [25 Pa. Code §127.441]
Operating permit terms and conditions.

The permittee shall monitor the following operating parameters for this storage tank:

(a) The type of crude oil stored.

(b) The throughput, on a daily basis.

IV. RECORDKEEPING REQUIREMENTS.

 # 002 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(f)(3).]

The permittee shall maintain records of the following operating parameters for each type of crude oil stored in this storage tank:

(a) The type of crude oil stored.

(b) The throughput, on a daily basis.

(c) The starting and ending dates of storage.

(d) The average storage temperature for the hottest month of the year in which the storage takes place.

(e) The maximum true vapor pressure of the crude oil as stored.

 # 003 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(f)(3).]

The permittee shall maintain records of all maintenance inspections for this storage tank, performed in accordance with Condition # 007(a)-(c), Section D (under Source ID 132), of this permit. These records shall contain, at a minimum, the following for each inspection:

(a) The date and time of the inspection.

(b) All measurements and calculations performed in accordance with Condition # 006(b), Section D (under Source ID 132), of this permit.

(c) Any maintenance and/or repairs performed.

 # 004 [25 Pa. Code §127.441]
Operating permit terms and conditions.

The permittee shall maintain records of the VOC emissions from this storage tank on a monthly and 12-month rolling basis, calculated using Department-approved methods.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

 # 005 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(a)(1).]

The permittee shall ensure that the true vapor pressure of the crude oil stored in this storage tank is less than 11 psia (76 kPa) under actual storage conditions.

 # 006 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(b)(1)-(5).]

(a) The permittee shall ensure that the external floating roof of this storage tank is equipped with the following components and complies with the following requirements:

(1) A primary seal that is maintained, as follows:

(i) Free of visible holes, tears, or other openings in the seal or seal fabric.

(ii) Intact and uniformly in place around the circumference of the floating roof between the floating roof and the tank wall.

(2) A continuous rim-mounted secondary seal that is maintained, as follows:

(i) Free of visible holes, tears, or other openings in the seal or seal fabric.

(ii) Intact and uniformly in place around the circumference of the floating roof between the floating roof and the tank wall.

(iii) Such that the accumulated area of gaps greater than 1/8 inch in width between the secondary seal and the tank wall does not exceed 1 square inch per foot of tank diameter (when used in combination with a vapor-mounted primary seal only).

(3) Automatic bleeder vents that are closed at all times when the roof is floating, except when the roof is being floated off or landed on the roof leg supports.

SECTION D. Source Level Requirements

(4) Rim vents that are set to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting.

(5) Emergency roof drains with slotted membrane fabric covers or equivalent covers that cover at least 90% of the area of the opening.

(6) For all other openings (not including leg sleeves):

(i) Covers, seals, or lids that are closed at all times except when the openings are in actual use.

(ii) Projections into the tank that are maintained below the surface of the crude oil at all times.

(b) The permittee shall determine compliance with (a)(2)(iii), above, by physically measuring the length and width of gaps around the entire circumference of the secondary seal in each place where a 1/8-inch uniform diameter probe passes freely (without forcing or binding against the seal) between the seal and tank wall and by summing the area of the individual gaps.

 # 007 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(f)(1) and (h).]

The permittee shall perform the following maintenance inspections and repairs for this storage tank on an annual basis:

(a) A visual check of the condition of the outside of the storage tank.

(b) A visual check of all associated pipes, valves, and flanges.

(c) A visual and physical check of the condition of the external floating roof and components to demonstrate compliance with the requirements indicated in Condition # 006(a)(1)-(6), Section D (under Source ID 132), of this permit. The permittee shall repair any components that do not comply with these requirements within forty-five (45) days after the date of the inspection or, otherwise, empty and remove the storage tank from service. If neither the components can be repaired nor the tank can be emptied within forty-five (45) days, the permittee may request a thirty (30)-day extension from the Department. The request for extension shall document that alternate storage capacity is unavailable and specify a schedule of actions the permittee will take to assure that the components will be repaired or the storage tank will be emptied as soon as possible, but within the timeframe of the thirty (30)-day extension.

 # 008 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(g).]

(a) The permittee shall determine the maximum true vapor pressure of the crude oil as stored in this storage tank using a temperature that is representative of the average storage temperature for the hottest month of the year in which the storage takes place.

(b) The permittee shall calculate the VOC emissions from the storage tank on a monthly and 12-month rolling basis, using Department-approved methods.

VII. ADDITIONAL REQUIREMENTS.

 # 009 [25 Pa. Code §127.441]
Operating permit terms and conditions.

This source consists of an external floating roof, crude oil storage tank (no. DC-28) with a capacity of 4,058,588 gals (96,633 bbls).

SECTION D. Source Level Requirements

***** Permit Shield in Effect. *****

SECTION D. Source Level Requirements

Source ID: 135 Source Name: TANK DC-31: 4,058,588 GAL EXT FTR.ROOF

Source Capacity/Throughput: 17,262.000 Gal/HR CRUDE OIL

PROC 135	→	STAC Z30

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

 # 001 [25 Pa. Code §127.441]
Operating permit terms and conditions.

The permittee shall monitor the following operating parameters for this storage tank:

(a) The type of crude oil stored.

(b) The throughput, on a daily basis.

IV. RECORDKEEPING REQUIREMENTS.

 # 002 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(f)(3).]

The permittee shall maintain records of the following operating parameters for each type of crude oil stored in this storage tank:

(a) The type of crude oil stored.

(b) The throughput, on a daily basis.

(c) The starting and ending dates of storage.

(d) The average storage temperature for the hottest month of the year in which the storage takes place.

(e) The maximum true vapor pressure of the crude oil as stored.

 # 003 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(f)(3).]

The permittee shall maintain records of all maintenance inspections for this storage tank, performed in accordance with Condition # 007(a)-(c), Section D (under Source ID 135), of this permit. These records shall contain, at a minimum, the following for each inspection:

(a) The date and time of the inspection.

(b) All measurements and calculations performed in accordance with Condition # 006(b), Section D (under Source ID 135), of this permit.

(c) Any maintenance and/or repairs performed.

 # 004 [25 Pa. Code §127.441]
Operating permit terms and conditions.

The permittee shall maintain records of the VOC emissions from this storage tank on a monthly and 12-month rolling basis, calculated using Department-approved methods.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

 # 005 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(a)(1).]

The permittee shall ensure that the true vapor pressure of the crude oil stored in this storage tank is less than 11 psia (76 kPa) under actual storage conditions.

 # 006 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(b)(1)-(5).]

(a) The permittee shall ensure that the external floating roof of this storage tank is equipped with the following components and complies with the following requirements:

(1) A primary seal that is maintained, as follows:

(i) Free of visible holes, tears, or other openings in the seal or seal fabric.

(ii) Intact and uniformly in place around the circumference of the floating roof between the floating roof and the tank wall.

(2) A continuous rim-mounted secondary seal that is maintained, as follows:

(i) Free of visible holes, tears, or other openings in the seal or seal fabric.

(ii) Intact and uniformly in place around the circumference of the floating roof between the floating roof and the tank wall.

(iii) Such that the accumulated area of gaps greater than 1/8 inch in width between the secondary seal and the tank wall does not exceed 1 square inch per foot of tank diameter (when used in combination with a vapor-mounted primary seal only).

(3) Automatic bleeder vents that are closed at all times when the roof is floating, except when the roof is being floated off or landed on the roof leg supports.

(4) Rim vents that are set to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting.

(5) Emergency roof drains with slotted membrane fabric covers or equivalent covers that cover at least 90% of the area of the opening.

(6) For all other openings (not including leg sleeves):

(i) Covers, seals, or lids that are closed at all times except when the openings are in actual use.

(ii) Projections into the tank that are maintained below the surface of the crude oil at all times.

(b) The permittee shall determine compliance with (a)(2)(iii), above, by physically measuring the length and width of gaps around the entire circumference of the secondary seal in each place where a 1/8-inch uniform diameter probe passes freely (without forcing or binding against the seal) between the seal and tank wall and by summing the area of the individual gaps.

 # 007 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(f)(1) and (h).]

The permittee shall perform the following maintenance inspections and repairs for this storage tank on an annual basis:

(a) A visual check of the condition of the outside of the storage tank.

(b) A visual check of all associated pipes, valves, and flanges.

(c) A visual and physical check of the condition of the external floating roof and components to demonstrate compliance with the requirements indicated in Condition # 006(a)(1)–(6), Section D (under Source ID 135), of this permit. The permittee shall repair any components that do not comply with these requirements within forty-five (45) days after the date of the inspection or, otherwise, empty and remove the storage tank from service. If neither the components can be repaired nor the tank can be emptied within forty-five (45) days, the permittee may request a thirty (30)-day extension from the Department. The request for extension shall document that alternate storage capacity is unavailable and specify a schedule of actions the permittee will take to assure that the components will be repaired or the storage tank will be emptied as soon as possible, but within the timeframe of the thirty (30)-day extension.

 # 008 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(g).]

(a) The permittee shall determine the maximum true vapor pressure of the crude oil as stored in this storage tank using a temperature that is representative of the average storage temperature for the hottest month of the year in which the storage takes place.

(b) The permittee shall calculate the VOC emissions from the storage tank on a monthly and 12-month rolling basis, using Department-approved methods.

VII. ADDITIONAL REQUIREMENTS.

 # 009 [25 Pa. Code §127.441]
Operating permit terms and conditions.

This source consists of an external floating roof, crude oil storage tank (no. DC-31) with a capacity of 4,058,588 gals (96,633 bbls).

SECTION D. Source Level Requirements

*** Permit Shield in Effect. ***

SECTION D. Source Level Requirements

Source ID: 138 Source Name: WASTEWATER SEPARATOR DC-4

Source Capacity/Throughput: 2,280.000 Gal/HR WASTEWATER

PROC 138 → STAC Z35

I. RESTRICTIONS.

Emission Restriction(s).

 # 001 [25 Pa. Code §127.441]
Operating permit terms and conditions.
[Additional authority for this permit condition is also derived from 25 Pa. Code §§ 127.443(b) and 129.91–129.95.]

The permittee shall ensure that emission into the outdoor atmosphere of VOCs from this wastewater separator occurs in such a manner that the rate of the emission does not exceed 10 tons/yr, calculated monthly as a 12-month rolling sum.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

 # 002 [25 Pa. Code §127.441]
Operating permit terms and conditions.
[Additional authority for this permit condition is also derived from 25 Pa. Code §§ 129.91–129.95.]

The permittee shall monitor the following operating parameters for this wastewater separator:

(a) The type(s) of volatile petroleum liquid(s) stored.

(b) The throughput, on a daily basis.

IV. RECORDKEEPING REQUIREMENTS.

 # 003 [25 Pa. Code §127.441]
Operating permit terms and conditions.
[Additional authority for this permit condition is also derived from 25 Pa. Code §§ 129.91–129.95.]

The permittee shall maintain records of the following operating parameters for each type of volatile petroleum liquid stored in this wastewater separator:

(a) The type of volatile petroleum liquid stored.

(b) The throughput, on a daily basis.

(c) The starting and ending dates of storage.

(d) The average storage temperature for the hottest month of the year in which the storage takes place.

(e) The maximum true vapor pressure of the volatile petroleum liquid as stored.

SECTION D. Source Level Requirements

 # 004 [25 Pa. Code §127.441]
Operating permit terms and conditions.

The permittee shall maintain records of the VOC emissions from this wastewater separator on a monthly and 12-month rolling basis, calculated using Department-approved methods.

V. REPORTING REQUIREMENTS.

 # 005 [25 Pa. Code §127.441]
Operating permit terms and conditions.

The permittee shall submit to the Department, in writing, a report indicating any exceedance of the emission restriction specified in Condition # 001, Section D (under Source ID 138), of this permit, for this wastewater separator, within thirty (30) days after the exceedance.

VI. WORK PRACTICE REQUIREMENTS.

 # 006 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code §§ 129.91–129.95.]

The permittee shall ensure that the components of this wastewater separator are screened as part of the Department-approved LDAR program.

 # 007 [25 Pa. Code §127.441]
Operating permit terms and conditions.

(a) The permittee shall determine the maximum true vapor pressure of the volatile petroleum liquid as stored in this wastewater separator using a temperature that is representative of the average storage temperature for the hottest month of the year in which the storage takes place.

(b) The permittee shall calculate the VOC emissions from the wastewater separator on a monthly and 12-month rolling basis, using Department-approved methods.

VII. ADDITIONAL REQUIREMENTS.

 # 008 [25 Pa. Code §127.441]
Operating permit terms and conditions.

This source consists of a wastewater separator (no. DC-4) used to remove rainwater from the crude oil storage tanks (Source IDs 108–135 and 139–141) and route separated waste oil to the waste oil storage tank (Source ID 143).

***** Permit Shield in Effect. *****

SECTION D. Source Level Requirements

Source ID: 139 Source Name: TANK DC-9: 4,058,588 GAL EXT FTR.ROOF

Source Capacity/Throughput: 17,262.000 Gal/HR CRUDE OIL

PROC 139	→	STAC Z36

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

 # 001 [25 Pa. Code §127.441]
Operating permit terms and conditions.

The permittee shall monitor the following operating parameters for this storage tank:

(a) The type of crude oil stored.

(b) The throughput, on a daily basis.

IV. RECORDKEEPING REQUIREMENTS.

 # 002 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(f)(3).]

The permittee shall maintain records of the following operating parameters for each type of crude oil stored in this storage tank:

(a) The type of crude oil stored.

(b) The throughput, on a daily basis.

(c) The starting and ending dates of storage.

(d) The average storage temperature for the hottest month of the year in which the storage takes place.

(e) The maximum true vapor pressure of the crude oil as stored.

 # 003 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(f)(3).]

The permittee shall maintain records of all maintenance inspections for this storage tank, performed in accordance with Condition # 007(a)-(c), Section D (under Source ID 139), of this permit. These records shall contain, at a minimum, the following for each inspection:

(a) The date and time of the inspection.

(b) All measurements and calculations performed in accordance with Condition # 006(b), Section D (under Source ID 139), of this permit.

(c) Any maintenance and/or repairs performed.

 # 004 [25 Pa. Code §127.441]
Operating permit terms and conditions.

The permittee shall maintain records of the VOC emissions from this storage tank on a monthly and 12-month rolling basis, calculated using Department-approved methods.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

 # 005 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(a)(1).]

The permittee shall ensure that the true vapor pressure of the crude oil stored in this storage tank is less than 11 psia (76 kPa) under actual storage conditions.

 # 006 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(b)(1)-(5).]

(a) The permittee shall ensure that the external floating roof of this storage tank is equipped with the following components and complies with the following requirements:

(1) A primary seal that is maintained, as follows:

(i) Free of visible holes, tears, or other openings in the seal or seal fabric.

(ii) Intact and uniformly in place around the circumference of the floating roof between the floating roof and the tank wall.

(2) A continuous rim-mounted secondary seal that is maintained, as follows:

(i) Free of visible holes, tears, or other openings in the seal or seal fabric.

(ii) Intact and uniformly in place around the circumference of the floating roof between the floating roof and the tank wall.

(iii) Such that the accumulated area of gaps greater than 1/8 inch in width between the secondary seal and the tank wall does not exceed 1 square inch per foot of tank diameter (when used in combination with a vapor-mounted primary seal only).

(3) Automatic bleeder vents that are closed at all times when the roof is floating, except when the roof is being floated off or landed on the roof leg supports.

SECTION D. Source Level Requirements

(4) Rim vents that are set to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting.

(5) Emergency roof drains with slotted membrane fabric covers or equivalent covers that cover at least 90% of the area of the opening.

(6) For all other openings (not including leg sleeves):

(i) Covers, seals, or lids that are closed at all times except when the openings are in actual use.

(ii) Projections into the tank that are maintained below the surface of the crude oil at all times.

(b) The permittee shall determine compliance with (a)(2)(iii), above, by physically measuring the length and width of gaps around the entire circumference of the secondary seal in each place where a 1/8-inch uniform diameter probe passes freely (without forcing or binding against the seal) between the seal and tank wall and by summing the area of the individual gaps.

 # 007 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(f)(1) and (h).]

The permittee shall perform the following maintenance inspections and repairs for this storage tank on an annual basis:

(a) A visual check of the condition of the outside of the storage tank.

(b) A visual check of all associated pipes, valves, and flanges.

(c) A visual and physical check of the condition of the external floating roof and components to demonstrate compliance with the requirements indicated in Condition # 006(a)(1)-(6), Section D (under Source ID 139), of this permit. The permittee shall repair any components that do not comply with these requirements within forty-five (45) days after the date of the inspection or, otherwise, empty and remove the storage tank from service. If neither the components can be repaired nor the tank can be emptied within forty-five (45) days, the permittee may request a thirty (30)-day extension from the Department. The request for extension shall document that alternate storage capacity is unavailable and specify a schedule of actions the permittee will take to assure that the components will be repaired or the storage tank will be emptied as soon as possible, but within the timeframe of the thirty (30)-day extension.

 # 008 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(g).]

(a) The permittee shall determine the maximum true vapor pressure of the crude oil as stored in this storage tank using a temperature that is representative of the average storage temperature for the hottest month of the year in which the storage takes place.

(b) The permittee shall calculate the VOC emissions from the storage tank on a monthly and 12-month rolling basis, using Department-approved methods.

VII. ADDITIONAL REQUIREMENTS.

 # 009 [25 Pa. Code §127.441]
Operating permit terms and conditions.

This source consists of an external floating roof, crude oil storage tank (no. DC-9) with a capacity of 4,058,588 gals (96,633 bbls).

SECTION D. Source Level Requirements

***** Permit Shield in Effect. *****

SECTION D. Source Level Requirements

Source ID: 140 Source Name: TANK DC-34: 11,870,431 GAL EXT FTR.ROOF

Source Capacity/Throughput: 18,522.000 Gal/HR CRUDE OIL

PROC 140	→	STAC Z37

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

 # 001 [25 Pa. Code §127.441]
Operating permit terms and conditions.

The permittee shall monitor the following operating parameters for this storage tank:

(a) The type of crude oil stored.

(b) The throughput, on a daily basis.

IV. RECORDKEEPING REQUIREMENTS.

 # 002 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 40 C.F.R. § 60.115a(a) and 25 Pa. Code § 129.56(f)(3).]

The permittee shall maintain records of the following operating parameters for each type of crude oil stored in this storage tank:

(a) The type of crude oil stored.

(b) The throughput, on a daily basis.

(c) The starting and ending dates of storage.

(d) The average storage temperature for the hottest month of the year in which the storage takes place.

(e) The maximum true vapor pressure of the crude oil as stored.

 # 003 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 40 C.F.R. § 60.113a(a)(1)(i)(D) and 25 Pa. Code § 129.56(f)(3).]

The permittee shall maintain records of all maintenance inspections for this storage tank, performed in accordance with Condition # 009(a)-(c), Section D (under Source ID 140), of this permit. These records shall contain, at a minimum, the following for each inspection:

(a) The date and time of the inspection.

(b) All measurements and calculations performed in accordance with Condition # 008(b)(1)-(4), Section D (under Source ID 140), of this permit.

(c) Any maintenance and/or repairs performed.

 # 004 [25 Pa. Code §127.441]
Operating permit terms and conditions.

The permittee shall maintain records of the VOC emissions from this storage tank on a monthly and 12-month rolling basis, calculated using Department-approved methods.

V. REPORTING REQUIREMENTS.

 # 005 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 40 C.F.R. § 60.113a(a)(1)(i)(E).]

The permittee shall submit to the Department, in writing, a report indicating any exceedance(s) of the primary and secondary seal gap requirements for this storage tank, as specified in Condition # 007(a)(4)-(5) and (b)(3)-(4), Section D (under Source ID 140), of this permit, respectively, within sixty (60) days after the inspection. The report shall include the following information:

(a) The name of the storage tank.

(b) A listing of the reason(s) why the storage tank did not comply with the restrictions.

(c) A description of the actions necessary to bring the storage tank into compliance with the restrictions.

VI. WORK PRACTICE REQUIREMENTS.

 # 006 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 40 C.F.R. § 60.112a(a) and 25 Pa. Code § 129.56(a)(1).]

The permittee shall ensure that the true vapor pressure of the crude oil stored in this storage tank is less than 11 psia (76 kPa) under actual storage conditions.

 # 007 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 40 C.F.R. § 60.112a(a)(1)(i)-(iv) and 25 Pa. Code § 129.56(b)(1)-(5).]

The permittee shall ensure that the external floating roof of this storage tank consists of either a pontoon-type or double-deck-type cover that floats on the surface of the crude oil at all times except during initial fill and when the tank is completely emptied and subsequently refilled. (The process of emptying and refilling when the roof is resting on the roof leg supports shall be continuous and shall be accomplished as rapidly as possible.) In addition, the external floating roof shall be equipped with the following components and comply with the following requirements:

(a) A primary seal that is maintained, as follows:

(1) Free of visible holes, tears, or other openings in the shoe, seal fabric, or seal envelope.

SECTION D. Source Level Requirements

(2) Intact and uniformly in place around the circumference of the floating roof between the floating roof and the tank wall.

(3) For a metallic shoe primary seal, such that one end of the metallic shoe extends into the crude oil and the other end extends a minimum vertical distance of 24 inches above the surface of the crude oil.

(4) For a metallic shoe or liquid-mounted primary seal, such that the accumulated area of gaps greater than 1/8 inch in width between the primary seal and the tank wall does not exceed 10.0 square inches per foot of tank diameter and the width of any portion of any gap does not exceed 1.5 inches.

(5) For a vapor-mounted primary seal, such that the accumulated area of gaps greater than 1/8 inch in width between the primary seal and the tank wall does not exceed 1.0 square inches per foot of tank diameter and the width of any portion of any gap does not exceed 0.5 inches.

(b) A continuous rim-mounted secondary seal that is maintained, as follows (except when performing inspections or gap measurements of the primary seal):

(1) Free of visible holes, tears, or other openings in the seal or seal fabric.

(2) Intact and uniformly in place around the circumference of the floating roof between the floating roof and the tank wall.

(3) Such that the accumulated area of gaps greater than 1/8 inch in width between the secondary seal and the tank wall does not exceed 1.0 square inches per foot of tank diameter and the width of any portion of any gap does not exceed 0.5 inches (when used in combination with a metallic shoe or liquid-mounted primary seal only).

(4) Such that there are no gaps between the secondary seal and the tank wall (when used in combination with a vapor-mounted primary seal only).

(c) Automatic bleeder vents that are closed at all times when the roof is floating, except when the roof is being floated off or landed on the roof leg supports.

(d) Rim vents that are set to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting.

(e) Emergency roof drains with slotted membrane fabric covers or equivalent covers that cover at least 90% of the area of the opening.

(f) For all other openings (not including leg sleeves):

(1) Covers, seals, or lids that are closed at all times except when the openings are in actual use.

(2) Projections into the tank that are maintained below the surface of the crude oil at all times.

 # 008 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 40 C.F.R. § 60.113a(a)(1)(i)(A)-(C) and (ii)-(iv).]

The permittee shall perform gap measurements of the primary and secondary seals of the external floating roof of this storage tank to determine compliance with Condition # 007(a)(4)-(5) and (b)(3)-(4), Section D (under Source ID 140), of this permit, respectively, as follows:

(a) In accordance with the following schedule:

(1) For primary seals, within sixty (60) days after the initial fill with crude oil and at least once every five (5) years thereafter. (All primary seal inspections and gap measurements requiring the removal or dislodging of the secondary seal shall be accomplished as rapidly as possible and the secondary seal shall be replaced as soon as possible.)

(2) For secondary seals, within sixty (60) days after the initial fill with crude oil and at least once every year thereafter.

(3) For primary and secondary seals, within sixty (60) days after refilling if the storage tank has been out of service for a period of one year or more.

(4) At least thirty (30) days after notifying the Department of the date and time of the gap measurements, so that the Department may have an observer present.

(b) In accordance with the following procedures:

(1) At one or more floating roof levels when the roof is floating off the roof leg supports.

(2) Around the entire circumference of the tank in each place where a 1/8-inch uniform diameter probe passes freely (without forcing or binding against the seal) between the seal and tank wall and measuring the circumferential distance of each such location.

(3) By using probes of various widths to accurately measure the actual distance from the tank wall to the seal and multiplying each such width by its respective circumferential distance.

(4) By adding the gap surface area of each gap location for the primary and secondary seals individually and dividing the sum for each seal by the nominal diameter of the storage tank.

 # 009 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(f)(1) and (h).]

The permittee shall perform the following maintenance inspections and repairs for this storage tank on an annual basis:

(a) A visual check of the condition of the outside of the storage tank.

(b) A visual check of all associated pipes, valves, and flanges.

(c) A visual and physical check of the condition of the external floating roof and components to demonstrate compliance with the requirements indicated in Condition # 007(a)(1)-(3), (b)(1)-(2), and (c)-(f), Section D (under Source ID 140), of this permit. The permittee shall repair any components that do not comply with these requirements within forty-five (45) days after the date of the inspection or, otherwise, empty and remove the storage tank from service. If neither the components can be repaired nor the tank can be emptied within forty-five (45) days, the permittee may request a thirty (30)-day extension from the Department. The request for extension shall document that alternate storage capacity is unavailable and specify a schedule of actions the permittee will take to assure that the components will be repaired or the storage tank will be emptied as soon as possible, but within the timeframe of the thirty (30)-day extension.

 # 010 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 40 C.F.R. § 60.115a(a)-(c) and 25 Pa. Code § 129.56(g).]

(a) Except as specified in (b), below, the permittee shall determine the maximum true vapor pressure of the crude oil as

SECTION D. Source Level Requirements

stored using a temperature that is representative of the average storage temperature for the hottest month of the year in which the storage takes place.

(b) The permittee may use available data on the typical Reid vapor pressure and nomographs contained in API Bulletin 2517 to determine the maximum true vapor pressure of the crude oil as stored, unless the Department specifically requests that the actual storage temperature be measured and the crude oil be sampled to determine the Reid vapor pressure.

(c) The permittee shall use available data to determine the maximum true vapor pressure of the crude oil, as follows:

(1) When the Reid vapor pressure is less than 2.0 psia (13.8 kPa).

(2) When the physical properties of the crude oil preclude determination of the Reid vapor pressure via sampling.

(d) The permittee shall calculate the VOC emissions from this storage tank on a monthly and 12-month rolling basis, using Department-approved methods.

VII. ADDITIONAL REQUIREMENTS.

 # 011 [25 Pa. Code §127.441]
Operating permit terms and conditions.

This source consists of an external floating roof, crude oil storage tank (no. DC-34) with a capacity of 11,870,431 gals (282,629 bbls).

 # 012 [25 Pa. Code §127.441]
Operating permit terms and conditions.

This storage tank is subject to Subpart Ka of the Standards of Performance for New Stationary Sources and shall comply with all applicable requirements of this Subpart. In accordance with 40 C.F.R. § 60.4, copies of all requests, reports, applications, submittals, and other communications are required to be submitted to both the EPA and the Department. The EPA copies shall be forwarded to:

Director
Air Protection Division
U.S. EPA, Region III
1650 Arch Street
Philadelphia, PA 19103-2029

***** Permit Shield in Effect. *****

SECTION D. Source Level Requirements

Source ID: 141 Source Name: TANK DC-35: 11,870,431 GAL EXT FTR.ROOF

Source Capacity/Throughput: 18,522.000 Gal/HR CRUDE OIL

PROC 141 → STAC Z38

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

 # 001 [25 Pa. Code §127.441]
Operating permit terms and conditions.

The permittee shall monitor the following operating parameters for this storage tank:

(a) The type of crude oil stored.

(b) The throughput, on a daily basis.

IV. RECORDKEEPING REQUIREMENTS.

 # 002 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 40 C.F.R. § 60.115a(a) and 25 Pa. Code § 129.56(f)(3).]

The permittee shall maintain records of the following operating parameters for each type of crude oil stored in this storage tank:

(a) The type of crude oil stored.

(b) The throughput, on a daily basis.

(c) The starting and ending dates of storage.

(d) The average storage temperature for the hottest month of the year in which the storage takes place.

(e) The maximum true vapor pressure of the crude oil as stored.

 # 003 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 40 C.F.R. § 60.113a(a)(1)(i)(D) and 25 Pa. Code § 129.56(f)(3).]

The permittee shall maintain records of all maintenance inspections for this storage tank, performed in accordance with Condition # 009(a)-(c), Section D (under Source ID 141), of this permit. These records shall contain, at a minimum, the following for each inspection:

(a) The date and time of the inspection.

(b) All measurements and calculations performed in accordance with Condition # 008(b)(1)-(4), Section D (under Source ID 141), of this permit.

(c) Any maintenance and/or repairs performed.

 # 004 [25 Pa. Code §127.441]
Operating permit terms and conditions.

The permittee shall maintain records of the VOC emissions from this storage tank on a monthly and 12-month rolling basis, calculated using Department-approved methods.

V. REPORTING REQUIREMENTS.

 # 005 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 40 C.F.R. § 60.113a(a)(1)(i)(E).]

The permittee shall submit to the Department, in writing, a report indicating any exceedance(s) of the seal gap requirements for this storage tank, as specified in Condition # 007(a)(4)-(5) and (b)(3)-(4), Section D (under Source ID 141), of this permit, respectively, within sixty (60) days after the inspection. The report shall include the following information:

(a) The name of the storage tank.

(b) A listing of the reason(s) why the storage tank did not comply with the restrictions.

(c) A description of the actions necessary to bring the storage tank into compliance with the restrictions.

VI. WORK PRACTICE REQUIREMENTS.

 # 006 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 40 C.F.R. § 60.112a(a) and 25 Pa. Code § 129.56(a)(1).]

The permittee shall ensure that the true vapor pressure of the crude oil stored in this storage tank is less than 11 psia (76 kPa) under actual storage conditions.

 # 007 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 40 C.F.R. § 60.112a(a)(1)(i)-(iv) and 25 Pa. Code § 129.56(b)(1)-(5).]

The permittee shall ensure that the external floating roof of this storage tank consists of either a pontoon-type or double-deck-type cover that floats on the surface of the crude oil at all times except during initial fill and when the tank is completely emptied and subsequently refilled. (The process of emptying and refilling when the roof is resting on the roof leg supports shall be continuous and shall be accomplished as rapidly as possible.) In addition, the external floating roof shall be equipped with the following components and comply with the following requirements:

(a) A primary seal that is maintained, as follows:

(1) Free of visible holes, tears, or other openings in the shoe, seal fabric, or seal envelope.

(2) Intact and uniformly in place around the circumference of the floating roof between the floating roof and the tank

wall.

(3) For a metallic shoe primary seal, such that one end of the metallic shoe extends into the crude oil and the other end extends a minimum vertical distance of 24 inches above the surface of the crude oil.

(4) For a metallic shoe or liquid-mounted primary seal, such that the accumulated area of gaps greater than 1/8 inch in width between the primary seal and the tank wall does not exceed 10.0 square inches per foot of tank diameter and the width of any portion of any gap does not exceed 1.5 inches.

(5) For a vapor-mounted primary seal, such that the accumulated area of gaps greater than 1/8 inch in width between the primary seal and the tank wall does not exceed 1.0 square inches per foot of tank diameter and the width of any portion of any gap does not exceed 0.5 inches.

(b) A continuous rim-mounted secondary seal that is maintained, as follows (except when performing inspections or gap measurements of the primary seal):

(1) Free of visible holes, tears, or other openings in the seal or seal fabric.

(2) Intact and uniformly in place around the circumference of the floating roof between the floating roof and the tank wall.

(3) Such that the accumulated area of gaps greater than 1/8 inch in width between the secondary seal and the tank wall does not exceed 1.0 square inches per foot of tank diameter and the width of any portion of any gap does not exceed 0.5 inches (when used in combination with a metallic shoe or liquid-mounted primary seal only).

(4) Such that there are no gaps between the secondary seal and the tank wall (when used in combination with a vapor-mounted primary seal only).

(c) Automatic bleeder vents that are closed at all times when the roof is floating, except when the roof is being floated off or landed on the roof leg supports.

(d) Rim vents that are set to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting.

(e) Emergency roof drains with slotted membrane fabric covers or equivalent covers that cover at least 90% of the area of the opening.

(f) For all other openings (not including leg sleeves):

(1) Covers, seals, or lids that are closed at all times except when the openings are in actual use.

(2) Projections into the tank that are maintained below the surface of the crude oil at all times.

 # 008 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 40 C.F.R. § 60.113a(a)(1)(i)(A)-(C) and (ii)-(iv).]

The permittee shall perform gap measurements of the primary and secondary seals of the external floating roof of this storage tank to determine compliance with Condition # 007(a)(4)-(5) and (b)(3)-(4), Section D (under Source ID 141), of this permit, respectively, as follows:

(a) In accordance with the following schedule:

SECTION D. Source Level Requirements

(1) For primary seals, within sixty (60) days after the initial fill with crude oil and at least once every five (5) years thereafter. (All primary seal inspections and gap measurements requiring the removal or dislodging of the secondary seal shall be accomplished as rapidly as possible and the secondary seal shall be replaced as soon as possible.)

(2) For secondary seals, within sixty (60) days after the initial fill with crude oil and at least once every year thereafter.

(3) For primary and secondary seals, within sixty (60) days after refilling if the storage tank has been out of service for a period of one year or more.

(4) At least thirty (30) days after notifying the Department of the date and time of the gap measurements, so that the Department may have an observer present.

(b) In accordance with the following procedures:

(1) At one or more floating roof levels when the roof is floating off the roof leg supports.

(2) Around the entire circumference of the tank in each place where a 1/8-inch uniform diameter probe passes freely (without forcing or binding against the seal) between the seal and tank wall and measuring the circumferential distance of each such location.

(3) By using probes of various widths to accurately measure the actual distance from the tank wall to the seal and multiplying each such width by its respective circumferential distance.

(4) By adding the gap surface area of each gap location for the primary and secondary seals individually and dividing the sum for each seal by the nominal diameter of the storage tank.

 # 009 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(f)(1) and (h).]

The permittee shall perform the following maintenance inspections and repairs for this storage tank on an annual basis:

(a) A visual check of the condition of the outside of the storage tank.

(b) A visual check of all associated pipes, valves, and flanges.

(c) A visual and physical check of the condition of the external floating roof and components to demonstrate compliance with the requirements indicated in Condition # 007(a)(1)-(3), (b)(1)-(2), and (c)-(f), Section D (under Source ID 141), of this permit. The permittee shall repair any components that do not comply with these requirements within forty-five (45) days after the date of the inspection or, otherwise, empty and remove the storage tank from service. If neither the components can be repaired nor the tank can be emptied within forty-five (45) days, the permittee may request a thirty (30)-day extension from the Department. The request for extension shall document that alternate storage capacity is unavailable and specify a schedule of actions the permittee will take to assure that the components will be repaired or the storage tank will be emptied as soon as possible, but within the timeframe of the thirty (30)-day extension.

 # 010 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 40 C.F.R. § 60.115a(a)-(c) and 25 Pa. Code § 129.56(g).]

(a) Except as specified in (b), below, the permittee shall determine the maximum true vapor pressure of the crude oil as stored using a temperature that is representative of the average storage temperature for the hottest month of the year in which the storage takes place.

SECTION D. Source Level Requirements

(b) The permittee may use available data on the typical Reid vapor pressure and nomographs contained in API Bulletin 2517 to determine the maximum true vapor pressure of the crude oil as stored, unless the Department specifically requests that the actual storage temperature be measured and the crude oil be sampled to determine the Reid vapor pressure.

(c) The permittee shall use available data to determine the maximum true vapor pressure of the crude oil, as follows:

(1) When the Reid vapor pressure is less than 2.0 psia (13.8 kPa).

(2) When the physical properties of the crude oil preclude determination of the Reid vapor pressure via sampling.

(d) The permittee shall calculate the VOC emissions from this storage tank on a monthly and 12-month rolling basis, using Department-approved methods.

VII. ADDITIONAL REQUIREMENTS.

 # 011 [25 Pa. Code §127.441]
Operating permit terms and conditions.

This source consists of an external floating roof, crude oil storage tank (no. DC-35) with a capacity of 11,870,431 gals (282,629 bbls).

 # 012 [25 Pa. Code §127.441]
Operating permit terms and conditions.

This storage tank is subject to Subpart Ka of the Standards of Performance for New Stationary Sources and shall comply with all applicable requirements of this Subpart. In accordance with 40 C.F.R. § 60.4, copies of all requests, reports, applications, submittals, and other communications are required to be submitted to both the EPA and the Department. The EPA copies shall be forwarded to:

Director
Air Protection Division
U.S. EPA, Region III
1650 Arch Street
Philadelphia, PA 19103-2029

***** Permit Shield in Effect. *****

SECTION D. Source Level Requirements

Source ID: 143 Source Name: TANK DC-101: 31,708 GAL FXD.ROOF

Source Capacity/Throughput: N/A WASTE OIL

PROC 143	→	STAC Z38

I. RESTRICTIONS.

Emission Restriction(s).

 # 001 [25 Pa. Code §127.441]
Operating permit terms and conditions.
[Additional authority for this permit condition is also derived from 25 Pa. Code §§ 127.443(b) and 129.91-129.95.]

The permittee shall ensure that emission into the outdoor atmosphere of VOCs from this storage tank occurs in such a manner that the rate of the emission does not exceed 2 tons/yr, calculated monthly as a 12-month rolling sum.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

 # 002 [25 Pa. Code §127.441]
Operating permit terms and conditions.

The permittee shall monitor the following operating parameters for this storage tank:

(a) The type(s) of waste oil stored.

(b) The throughput, on a daily basis.

IV. RECORDKEEPING REQUIREMENTS.

 # 003 [25 Pa. Code §127.441]
Operating permit terms and conditions.

The permittee shall maintain records of the following operating parameters for each type of waste oil stored in this storage tank:

(a) The type of waste oil stored.

(b) The throughput, on a daily basis.

(c) The starting and ending dates of storage.

(d) The average storage temperature for the hottest month of the year in which the storage takes place.

(e) The maximum true vapor pressure of the waste oil as stored.

 # 004 [25 Pa. Code §127.441]
Operating permit terms and conditions.

The permittee shall maintain records of all maintenance inspections for this storage tank, performed in accordance with Condition # 007(a)-(c), Section D (under Source ID 143), of this permit. These records shall contain, at a minimum, the

following for each inspection:

(a) The date and time of the inspection.

(b) Any maintenance and/or repairs performed.

 # 005 [25 Pa. Code §127.441]
Operating permit terms and conditions.

The permittee shall maintain records of the VOC emissions from this storage tank on a monthly and 12-month rolling basis, calculated using Department-approved methods.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

 # 006 [25 Pa. Code §127.441]
Operating permit terms and conditions.

The permittee shall ensure that this storage tank is equipped with pressure relief valves that are maintained in good operating condition and set to release at no less than 0.7 psig (4.8 kPa) of pressure and 0.3 psig (2.1 kPa) of vacuum or the highest possible pressure and vacuum in accordance with state or local fire codes or National Fire Prevention Association guidelines or other national consensus standards acceptable to the Department.

 # 007 [25 Pa. Code §127.441]
Operating permit terms and conditions.

The permittee shall perform the following maintenance inspections and repairs for this storage tank on an annual basis:

(a) A visual check of the condition of the outside of the storage tank.

(b) A visual check of all associated pipes, valves, and flanges.

(c) A visual and physical check of the pressure relief valves to demonstrate compliance with Condition # 005, Section D (under Source ID 143), of this permit.

 # 008 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(g).]

(a) The permittee shall determine the maximum true vapor pressure of the waste oil as stored using a temperature that is representative of the average storage temperature for the hottest month of the year in which the storage takes place.

(b) The permittee shall calculate the VOC emissions from this storage tank on a monthly and 12-month rolling basis, using Department-approved methods.

VII. ADDITIONAL REQUIREMENTS.

 # 009 [25 Pa. Code §127.441]
Operating permit terms and conditions.

This source consists of a fixed roof, waste oil storage tank (DC-101), with a capacity of 31,708 gals (755 bbls).

***** Permit Shield in Effect. *****

SECTION E. Alternative Operation Requirements.

No Alternative Operations exist for this Title V facility.

SECTION G. Emission Restriction Summary.

Source ID	Source Description
138	WASTEWATER SEPARATOR DC-4

Emission Restriction			Pollutant
10.000	Tons/Yr	12-Month Rolling Sum, Calculated Monthly	VOCs

Source ID	Source Description
143	TANK DC-101: 31,708 GAL FXD.ROOF

Emission Restriction			Pollutant
2.000	Tons/Yr	12-Month Rolling Sum, Calculated Monthly	VOCs

Site Emission Restriction Summary

Emission Restriction			Pollutant
95.000	Tons/Yr	From Source IDs 108-135 and 139-141; 12-Month Rolling Sum	VOCs

SECTION G. Miscellaneous.

(a) The plant address is: Hook & Calcon Hook Roads, Sharon Hill, PA 19079.

(b) The following previously-issued documents serve as the basis for certain terms and conditions set forth in this permit:

(1) Operating Permit No. 23-312-086.

(2) Reasonably Available Control Technology (RACT) Operating Permit No. OP-23-0011.

(3) General Plan Approval and General Operating Permit (BAQ-GPA/GP-2) No. GP2-23-0225.

(4) General Plan Approval and General Operating Permit (BAQ-GPA/GP-2) No. GP2-23-0226.

(c) This facility is subject to all terms and conditions specified in this permit. However, there may be citations listed in this permit that do not contain the exact or entire wording as it is listed in the referenced regulatory authority. This has been done in the interest of reducing the quantity of material contained in this document; however, nothing in this permit relieves the permittee from its obligations to comply with all applicable federal, state, and local laws and regulations.

(d) This permit is a renewal of Title V Operating Permit No. 23-00011, originally issued on August 10, 2000 (APS ID 346544, Auth ID 355350), and previously amended on November 4, 2002 (APS ID 346544, Auth ID 479693), and renewed on September 1, 2005 (APS ID 546342, Auth ID 583572). The following is a listing of the changes reflected in this permit (APS ID 546342, Auth ID 816890):

(1) The owner mailing address has been changed to 4041 Market Street, Aston, PA 19014-3121.

(2) The responsible official has been changed to Matthew Gordon, Operations Manager, (215) 937-6264.

(3) The permit contact person has been changed to Meggie Porrini, Environmental Specialist, (610) 859-5428.

(4) The EPA branch which to submit reports or notifications to, as indicated in Condition # 020(b), Section B, of the previously-renewed permit (same condition number in this permit), has been changed from "Air Enforcement Branch (3AP12)" to "Office of Air Enforcement and Compliance Assistance (3AP20)."

(5) The definition of the term "air pollution" has been removed from Condition # 001, Section C, of the previously-renewed permit (same condition number in this permit).

(6) Conditions # 002(b) and 021, Section C, of the previously-renewed permit, have been removed.

(7) The VOC emission restrictions for the wastewater separator (Source ID 138) and waste oil storage tank (Source ID 143) have been removed from Condition # 005, Section C, of the previously-renewed permit (same condition number in this permit).

(8) Open burning exceptions for fires set solely for recreational or ceremonial purposes, and for cooking food, have been added to Condition # 006, Section C, of the previously-renewed permit (same condition number in this permit), as Sub-conditions (d) and (e), respectively.

(9) An additional authority citation to 25 Pa. Code § 127.443(b) has been added to each condition in this permit that is based on a condition found in (a)(1)-(4), above.

(10) An additional authority citation to 25 Pa. Code § 127.512(h) has been added to each condition in this permit containing a pollutant emission restriction or standard.

(11) The additional authority citation to 25 Pa. Code § 127.512 has been removed from Conditions # 007 and 020, Section C, of the previously-renewed permit (Conditions # 007 and 022, Section C, of this permit, respectively).

(12) The following for Condition # 008, Section C, of the previously-renewed permit (same condition number in this permit):

(i) The language in Sub-condition (b) has been revised to specify that objectionable odors are considered a deviation only if they cross the property line.

SECTION G. Miscellaneous.

(ii) Sub-condition (b)(3) has been removed.

(13) The following for Condition # 009, Section C, of the previously-renewed permit (same condition number in this permit):

(i) Sub-conditions (1) and (3) have been removed.

(ii) Items to be maintained for the record of deviations have been added to Sub-condition (2)(a) (reorganized as (a)(1)-(4)).

(14) The following for Condition # 010, Section C, of the previously-renewed permit (Condition # 013, Section C, of this permit):

(i) The requirements to maintain records of each component screening for the LDAR program, including the date that the component was screened, screening value, leak/no leak determination, and date and type of any repairs, as indicated in Sub-conditions (1) and (2), have been consolidated (reorganized as Sub-conditions (a)-(d), respectively).

(ii) Sub-condition (3) has been removed.

(15) The following for Condition # 011, Section C, of the previously-renewed permit (Condition # 012, Section C, of this permit):

(i) The citation has been changed from 25 Pa. Code § 129.56 to 25 Pa. Code § 127.441.

(ii) An additional authority citation to 25 Pa. Code § 129.56(f)(3) has been added.

(iii) A requirement to maintain records of the throughput for each storage tank has been added as Sub-condition (b).

(16) A requirement to maintain records of all of the facility's emission increases has been added as Condition # 010, Section C, of this permit.

(17) A requirement to maintain and make available, upon request by the Department, all records, reports, and analysis results used to comply with this permit has been added as Condition # 011, Section C, of this permit.

(18) Requirements to maintain records of and calculate the total VOC emissions from the facility have been added as Conditions # 014 and 024, Section C, of this permit, respectively.

(19) The following for Condition # 012, Section C, of the previously-renewed permit (Condition # 015, Section C, of this permit):

(i) The Department telephone number at which to report any malfunction(s), as specified in Sub-condition (a), has been changed to (484) 250-5920.

(ii) Items to describe in the written report of a malfunction(s) have been added as Sub-conditions (c)(2) and (4).

(20) The following for Condition # 013, Section C, of the previously-renewed permit (Condition # 016, Section C, of this permit):

(i) An additional authority citation to 25 Pa. Code § 127.513(5)(i)-(v) has been added.

(ii) Sub-condition (a) has been removed.

(iii) A requirement to submit to the Department a certificate of compliance for the facility has been added as Sub-condition (a).

(iv) The dates by which to submit the semi-annual deviation reports, as indicated in Sub-condition (b), have been changed from March 1 and September 1, of each year, to April 1 and October 1, of each year.

(21) The following for Condition # 015, Section C, of the previously-renewed permit (Condition # 018, Section C, of this permit):

(i) The name of the report has been changed from "Air Information Management System (AIMS) inventory report" to "source report."

SECTION G. Miscellaneous.

(ii) A statement that source reports shall include information from each previously-reported source(s), a new source(s) which was first operated during the preceding calendar year, and each source(s) modified during the same period that was not previously reported, including any source(s) listed in Section G, of this permit, has been added as part of Sub-condition (a).

(iii) A statement that the permittee may request an extension of time from the Department for the filing of a source report, and the Department may grant the extension for reasonable cause, has been added as Sub-condition (b).

(22) The following for Condition # 019, Section C, of the previously-renewed permit (Condition # 021, Section C, of this permit):

(i) The additional authority citation to 25 Pa. Code § 127.512 has been removed.

(ii) Additional authority citations to 25 Pa. Code §§ 127.444 and 129.93(c)(5) have been added.

(23) The starting date and frequency for submitting a certificate of compliance has been removed from Section C, Sub-section VIII.

(24) The following for Condition # 001, Section D (under Source IDs 108–135 and 139–141), of the previously-renewed permit:

(i) The citation has been changed from 25 Pa. Code § 129.56 to 25 Pa. Code § 127.441.

(ii) An additional authority citation to 25 Pa. Code § 129.56(a)(1) has been added.

(iii) It has been moved from Sub-section I to Sub-section VI (as Condition # 005, Section D (under Source IDs 108–135 and 139), of this permit, and Condition # 006, Section D (under Source IDs 140–141), of this permit).

(25) The following for Condition # 002, Section D (under Source IDs 108–135 and 139), of the previously-renewed permit (Condition # 001, Section D (under Source IDs 108–135 and 139), of this permit):

(i) The citation has been changed from 25 Pa. Code § 129.56 to 25 Pa. Code § 127.441.

(ii) The requirements to monitor the vapor pressure(s) for, and the temperature(s) used to calculate the vapor pressure(s) of the crude oil as stored in, each crude oil storage tank, have been removed.

(26) The following for Condition # 003, Section D (under Source IDs 108–135 and 139), of the previously-renewed permit:

(i) The requirements to maintain records of the throughput for, type(s) of crude oil stored in, maximum true vapor pressure(s) of the crude oil as stored in, temperature(s) used to calculate the maximum true vapor pressure(s) for (i.e., the average storage temperature(s) for the hottest month of the year in which the storage takes place), and results of all inspections performed for each crude oil storage tank, as indicated in Sub-condition (1), have been reorganized as/split into Conditions # 002(b), (a), (e), and (d) and 003(a)–(c), Section D (under Source IDs 108–135 and 139), of this permit, respectively.

(ii) The requirements to calculate and maintain records of the (total VOC) emissions from each crude oil storage tank, as indicated in Sub-condition (2), have been split into/reorganized as Conditions # 008(b) (moved from Sub-section IV to Sub-section VI) and 004, Section D (under Source IDs 108–135 and 139), of this permit, respectively.

(iii) Sub-condition (3) has been removed.

(iv) The requirement to determine the (maximum true) vapor pressure for each crude oil storage tank using a temperature that is representative of the average storage temperature for the hottest month of the year in which the storage takes place, as indicated in Sub-condition (4), has been moved from Sub-section IV to Sub-section VI (as Condition # 008(a), Section D (under Source IDs 108–135 and 139), of this permit.

(27) A requirement to maintain records of the starting and ending dates of storage for each type of crude oil for each crude oil storage tank has been added as Condition # 002(c), Section D (under Source IDs 108–135 and 139), of this permit.

(28) The following for Condition # 004, Section D (under Source IDs 108–135 and 139), of the previously-renewed permit:

SECTION C. Miscellaneous.

(i) The requirements to perform inspections of each crude oil storage tank, each associated external floating roof and secondary seal, and all associated pipes, valves, and flanges, as indicated in Sub-condition (A), have been reorganized as all or part of Condition # 007(a), (c), and (b), Section D (under Source IDs 108–135 and 139), of this permit, respectively.

(ii) The requirements for the primary seal and rim-mounted secondary seal of the external floating roof of each crude oil storage tank, as indicated in Sub-condition (B)(1)(i)–(iii), have been reorganized as Condition # 006(a)(1)(i)–(ii) and all or part of (a)(2)(i)–(iii), Section D (under Source IDs 108–135 and 139), of this permit, respectively, except that the method for determining compliance with the secondary seal gap area restriction has been reorganized as Condition # 006(b), Section D (under Source IDs 108–135 and 139), of this permit.

(iii) The requirements for the openings, automatic bleeder vents, rim vents, and emergency roof drains of the external floating roof of each crude oil storage tank, as indicated in Sub-condition (B)(2)–(5), respectively, have been reorganized as Condition # 006(a)(6), (3), (4), and (5), Section D (under Source IDs 108–135 and 139), of this permit, respectively.

(iv) The requirements for repairing the external floating roof and components of each crude oil storage tank, as indicated in Sub-condition (B)(6), have been reorganized as part of Condition # 007(c), Section D (under Source IDs 108–135 and 139), of this permit.

(29) A source description for each crude oil storage tank has been added as Condition # 009, Section D (under Source IDs 108–135 and 139), of this permit, and Condition # 011, Section D (under Source IDs 140–141), of this permit.

(30) The following for Condition # 002, Section D (under Source ID 138), of the previously-renewed permit:

(i) The requirement to include the components of the wastewater separator in the LDAR program, as indicated in Sub-condition (1), has been moved from Sub-section III to Sub-section VI (as Condition # 006, Section D (under Source ID 138), of this permit).

(ii) The requirements to monitor the throughput for and type(s) of volatile petroleum liquid(s) stored in the wastewater separator, as indicated in Sub-condition (2), have been reorganized as Condition # 002(b) and (a), Section D (under Source ID 138), of this permit, respectively.

(iii) The requirement to monitor the vapor pressure(s) of the volatile petroleum liquid(s) as stored in the wastewater separator, as indicated in Sub-condition (2), has been removed.

(31) The following for Condition # 003, Section D (under Source ID 138), of the previously-renewed permit:

(i) The requirements to maintain records of the throughput for, type(s) of volatile petroleum liquid(s) stored in, and (maximum true) vapor pressure(s) of the volatile petroleum liquid(s) as stored in the wastewater separator, as indicated in Sub-condition (1), have been reorganized as Condition # 003(b), (a), and (e), Section D (under Source ID 138), of this permit, respectively.

(ii) The requirements to calculate and maintain records of the (total VOC) emissions from the wastewater separator, as indicated in Sub-condition (2), have been split into/reorganized as Conditions # 007(b) (moved from Sub-section IV to Sub-section VI) and 004, Section D (under Source ID 138), of this permit, respectively.

(iii) Sub-condition (3) has been removed.

(32) Requirements to maintain records of the starting and ending dates of storage, and the average storage temperature for the hottest month of the year in which the storage takes place, for each type of volatile petroleum liquid stored in the wastewater separator, have been added as Condition # 003(c) and (d), Section D (under Source ID 138), of this permit, respectively.

(33) A requirement to determine the maximum true vapor pressure for the wastewater separator using a temperature that is representative of the average storage temperature for the hottest month of the year in which the storage takes place, has been added as Condition # 007(a), Section D (under Source ID 138), of this permit.

(34) A source description for the wastewater separator has been added as Condition # 008, Section D (under Source ID 138), of this permit.

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(35) The following for Condition # 002, Section D (under Source IDs 140–141), of the previously-renewed permit:

(i) The requirements to monitor the throughput for and type(s) of crude oil stored in each crude oil storage tank have been reorganized as Condition # 001(b) and (a), Section D (under Source IDs 140–141), of this permit, respectively.

(ii) The requirements to monitor the vapor pressure(s) for, and the temperature(s) used to calculate the vapor pressure(s) of the crude oil as stored in, each crude oil storage tank, have been removed.

(36) The following for Condition # 003, Section D (under Source IDs 140–141), of the previously-renewed permit:

(i) The requirements to maintain records of the throughput for, type(s) of crude oil stored in, (maximum true) vapor pressure(s) of the crude oil as stored in, and temperature(s) used to calculate the maximum true vapor pressure(s) for each crude oil storage tank, as indicated in Sub-condition (1), have been reorganized as Condition # 002(b), (a), (e), and (d), Section D (under Source IDs 140–141), of this permit, respectively.

(ii) The requirements to calculate and maintain records of the (total VOC) emissions from each crude oil storage tank, as indicated in Sub-condition (2), have been split into/reorganized as Conditions # 010(d) (moved from Sub-section IV to Sub-section VI) and 004, Section D (under Source IDs 140–141), of this permit, respectively.

(37) The following for Condition # 004, Section D (under Source IDs 140–141), of the previously-renewed permit:

(i) The period of time for which to maintain records of each primary and secondary seal gap measurement for the external floating roof of each crude oil storage tank, has been removed.

(ii) The requirements to maintain records of the date of, and data and calculations for, each primary and secondary seal gap measurement for the external floating roof of each crude oil storage tank, have been reorganized as part or all of Condition # 003(a) and (b), Section D (under Source IDs 140–141), of this permit, respectively.

(38) The following for Condition # 005, Section D (under Source IDs 140–141), of the previously-renewed permit:

(i) The citation has been changed from 25 Pa. Code § 129.56 to 25 Pa. Code § 127.441.

(ii) An additional authority citation to 25 Pa. Code § 129.56(f)(3) has been added.

(iii) The following for Sub-condition (1):

(A) The requirements to maintain records of the type(s) of volatile petroleum liquids stored in and maximum true vapor pressure(s) of the crude oil as stored in each crude oil storage tank, as well as the period of time for which to do so, have been removed.

(B) The requirement to maintain records of the results of all inspections performed for each crude oil storage tank has been reorganized as part or all of Condition # 003(a)–(c), Section D (under Source IDs 140–141), of this permit.

(iv) The requirement to determine the vapor pressure for each crude oil storage tank using a temperature that is representative of the average storage temperature for the hottest month of the year in which the storage takes place, as indicated in Sub-condition (2), has been moved from Sub-section IV to Sub-section VI (as Condition # 010(a), Section D (under Source IDs 140–141), of this permit.

(v) A statement that the permittee may use available data on the typical Reid vapor pressure and nomographs contained in API Bulletin 2517 to determine the maximum true vapor pressure of the crude oil as stored, unless the Department specifically requests that the actual storage temperature be measured and the crude oil be sampled to determine the Reid vapor pressure, as indicated in Sub-condition (3), has been moved from Sub-section IV to Sub-section VI (as Condition # 010(b), Section D (under Source IDs 140–141), of this permit.

(vi) The requirement to use available data to determine the (maximum) true vapor pressure of the crude oil either when the Reid vapor pressure is less than 2.0 psia or the physical properties of the crude oil preclude determination of the Reid vapor

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pressure via the recommended method (i.e., sampling), as indicated in Sub-condition (4), has been moved from Sub-section IV to Sub-section VI (as Condition # 010(c), Section D (under Source IDs 140–141), of this permit.

(39) An additional authority citation to 25 Pa. Code § 129.56 has been added to each condition in this permit containing certain requirements for storage tanks greater than 40,000 gallons containing VOCs.

(40) A requirement to maintain records of the starting and ending dates of storage for each type of crude oil for each of the 11,870,431-gal crude oil storage tanks has been added as Condition # 002(c), Section D (under Source IDs 140–141), of this permit.

(41) The following for Condition # 007, Section D (under Source IDs 140–141), of the previously-renewed permit:

(i) The requirements to perform inspections of each crude oil storage tank, each associated external floating roof and secondary seal, and all associated pipes, valves, and flanges, have been reorganized as all or part of Condition # 007(a), (c), and (b), Section D (under Source IDs 140–141), of this permit, respectively.

(ii) The requirements for measuring the gap areas of the primary and secondary seals of the external floating roof of each crude oil storage tank, as indicated in Sub-conditions (1)(a)–(c) and (4) (schedule) and (2)(a)–(c) and (3) (procedures), have been reorganized as Condition # 008(a)(1)–(4) and (b)(1)–(4), Section D (under Source IDs 140–141), of this permit, respectively.

(42) The requirements for repairing the external floating roof and components of each of the 11,870,431-gal crude oil storage tanks, as indicated in Condition # 009, Section D (under Source IDs 140–141), of the previously-renewed permit, have been reorganized as part of Condition # 009(c), Section D (under Source IDs 140–141), of this permit.

(43) A statement that each of the 11,870,431-gal crude oil storage tanks is subject to 40 C.F.R Part 60, Subpart Ka, has been added as Condition # 012, Section D (under Source IDs 140–141), of this permit.

(44) The requirement to ensure that the waste oil storage tank is equipped with pressure relief valves set to release at no less than 0.7 psig of pressure and 0.3 psig of vacuum whenever the true vapor pressure of the waste oil stored in the tank is greater than 1.5 psia, as indicated in Condition # 002, Section D (under Source ID 143), of the previously-renewed permit, has been moved from Sub-section I to Sub-section VI (as Condition # 006, Section D (under Source ID 143), of this permit).

(45) The following for Condition # 003, Section D (under Source ID 143), of the previously-renewed permit:

(i) The requirements to monitor the throughput for and type(s) of waste oil stored in the waste oil storage tank have been reorganized as Condition # 002(b) and (a), Section D (under Source ID 143), of this permit, respectively.

(ii) The requirements to monitor the vapor pressure(s) for, and the temperature(s) used to calculate the vapor pressure(s) of the waste oil as stored in, the waste oil storage tank, have been removed.

(46) The following for Condition # 004, Section D (under Source ID 143), of the previously-renewed permit:

(i) The requirements to maintain records of the throughput for, type(s) of waste oil stored in, temperature(s) used to calculate the (maximum true) vapor pressure(s) for, and (maximum true) vapor pressure(s) of the waste oil as stored in, the waste oil storage tank, as indicated in Sub-condition (1), have been reorganized as Condition # 003(b), (a), (d), and (e), Section D (under Source ID 143), of this permit, respectively.

(ii) The requirements to calculate and maintain records of the (total VOC) emissions from the waste oil storage tank, as indicated in Sub-condition (2), have been split into/reorganized as Conditions # 008(b) (moved from Sub-section IV to Sub-section VI) and 005, Section D (under Source IDs 143), of this permit, respectively.

(47) A requirement to maintain records of the starting and ending dates of storage for each type of waste oil for the waste oil storage tank has been added as Condition # 003(c), Section D (under Source ID 143), of this permit.

(48) A requirement to maintain records of all maintenance inspections for the waste oil storage tank has been added as Condition # 004(a)–(b), Section D (under Source ID 143), of this permit.

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(49) Requirements to perform inspections of the waste oil storage tank and all associated pipes, valves, and flanges, have been added as Condition # 007(a) and (b), Section D (under Source ID 143), of this permit, respectively.

(50) A requirement to determine the maximum true vapor pressure for the waste oil storage tank using a temperature that is representative of the average storage temperature for the hottest month of the year in which the storage takes place, has been added as Condition # 007(a), Section D (under Source ID 143), of this permit.

(51) A source description for the waste oil storage tank has been added as Condition # 008, Section D (under Source ID 143), of this permit.

****** End of Report ******