

DRAFT

Issuance Date

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
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16-xxxE CAB
File No. 0838

Mr. Jim R. Yates
President
Par Hawaii, Inc.
1132 Bishop Street, Suite 2500
Honolulu, Hawaii 96813

Dear Mr. Yates:

SUBJECT: Covered Source Permit (CSP) No. 0838-01-C
Application for an Initial Covered Source Permit No. 0838-01
Mid Pac Petroleum, LLC
Par Hawaii Campbell Terminal
Located At: 91-383 Kauhi Street, Kapolei, Oahu
Date of Expiration: Issuance Date + 5 years

The subject CSP is issued in accordance with Hawaii Administrative Rules (HAR), Title 11, Chapter 60.1. The issuance of this permit is based on the plans and specifications submitted as part of your initial covered source permit application dated May 2, 2016, and additional information dated July 22, 2016.

The CSP is issued subject to the conditions/requirements set forth in the following Attachments:

Attachment I: Standard Conditions
Attachment IIA: Special Conditions - Petroleum Storage Tanks
Attachment IIB: Special Conditions - Tank Truck Load Rack
Attachment IIC: Special Conditions – Miscellaneous Emission Sources and Requirements
Attachment II - INSIG: Special Conditions - Insignificant Activities
Attachment III: Annual Fee Requirements
Attachment IV: Annual Emissions Reporting Requirements

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Mr. Jim R. Yates

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The following forms are enclosed for your use and submittal as required:

Compliance Certification Form

Annual Emissions Report Form: Internal Floating Roof Storage Tanks

Annual Emissions Report Form: Tank Truck Load Rack

Annual Emissions Report Form: Equipment Leaks

Monitoring Report Form: Tank Truck Load Rack

Monitoring Report Form: Opacity Exceedances

The following are enclosed for your use in monitoring visible emissions:

Visible Emissions Form Requirements, State of Hawaii

Visible Emissions Form

This permit: (a) shall not in any manner affect the title of the premises upon which the equipment is to be located; (b) does not release the permittee from any liability for any loss due to personal injury or property damage caused by, resulting from or arising out of the design, installation, maintenance, or operation of the equipment; and (c) in no manner implies or suggests that the Department of Health, Clean Air Branch (herein after referred to as Department), or its officers, agents, or employees, assumes any liability, directly or indirectly, for any loss due to personal injury or property damage caused by, resulting from or arising out of the design, installation, maintenance, or operation of the equipment.

If you have any questions, please contact Mr. Darin Lum of the Clean Air Branch at (808) 586-4200.

Sincerely,

STUART YAMADA, P.E., CHIEF
Environmental Management Division

DL:rg

Enclosures

**ATTACHMENT I: STANDARD CONDITIONS
COVERED SOURCE PERMIT NO. 0838-01-C****Issuance Date:****Expiration Date:**

This permit is granted in accordance with the Hawaii Administrative Rules (HAR), Title 11, Chapter 60.1, Air Pollution Control, and is subject to the following standard conditions:

1. Unless specifically identified, the terms and conditions contained in this permit are consistent with the applicable requirement, including form, on which each term or condition is based.

(Auth.: HAR §11-60.1-90)
2. This permit, or a copy thereof, shall be maintained at or near the source and shall be made available for inspection upon request. The permit shall not be willfully defaced, altered, forged, counterfeited, or falsified.

(Auth.: HAR §11-60.1-6; SIP §11-60-11)²
3. This permit is not transferable whether by operation of law or otherwise, from person to person, from place to place, or from one piece of equipment to another without the approval of the Department, except as provided in HAR, Section 11-60.1-91.

(Auth.: HAR §11-60.1-7; SIP §11-60-9)²
4. A request for transfer from person to person shall be made on forms furnished by the Department.

(Auth.: HAR §11-60.1-7)
5. In the event of any changes in control or ownership of the facilities to be constructed or modified, this permit shall be binding on all subsequent owners and operators. The permittee shall notify the succeeding owner and operator of the existence of this permit and its conditions by letter, copies of which will be forwarded to the Department and the U.S. Environmental Protection Agency (EPA), Region 9.

(Auth.: HAR §11-60.1-5, §11-60.1-7, §11-60.1-94)
6. The facility covered by this permit shall be constructed and operated in accordance with the application, and any information submitted as part of the application, for the Covered Source Permit. There shall be no deviation unless additional or revised plans are submitted to and approved by the Department, and the permit is amended to allow such deviation.

(Auth.: HAR §11-60.1-2, §11-60.1-4, §11-60.1-82, §11-60.1-84, §11-60.1-90)

7. This permit (a) does not release the permittee from compliance with other applicable statutes of the State of Hawaii, or with applicable local laws, regulations, or ordinances, and (b) shall not constitute, nor be construed to be an approval of the design of the covered source.

(Auth.: HAR §11-60.1-5, §11-60.1-82)

8. The permittee shall comply with all the terms and conditions of this permit. Any permit noncompliance constitutes a violation of HAR, Chapter 11-60.1 and the Clean Air Act and is grounds for enforcement action; for permit termination, suspension, reopening, or amendment; or for denial of a permit renewal application.

(Auth.: HAR §11-60.1-3, §11-60.1-10, §11-60.1-19, §11-60.1-90)

9. If any term or condition of this permit becomes invalid as a result of a challenge to a portion of this permit, the other terms and conditions of this permit shall not be affected and shall remain valid.

(Auth.: HAR §11-60.1-90)

10. The permittee shall not use as a defense in an enforcement action that it would have been necessary to halt or reduce the permitted activity to maintain compliance with the terms and conditions of this permit.

(Auth.: HAR §11-60.1-90)

11. This permit may be terminated, suspended, reopened, or amended for cause pursuant to HAR, Sections, 11-60.1-10 and 11-60.1-98, and Hawaii Revised Statutes (HRS), Chapter 342B-27, after affording the permittee an opportunity for a hearing in accordance with HRS, Chapter 91.

(Auth.: HAR §11-60.1-3, §11-60.1-10, §11-60.1-90, §11-60.1-98)

12. The filing of a request by the permittee for the termination, suspension, reopening, or amendment of this permit, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.

(Auth.: HAR §11-60.1-90)

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

(Auth.: HAR §11-60.1-90)

14. The permittee shall notify the Department and U.S. EPA, Region 9, in writing of the following dates:
- a. The **anticipated date of initial start-up** for each emission unit of a new source or significant modification not more than sixty (60) days or less than thirty (30) days prior to such date;
 - b. The **actual date of construction commencement** within fifteen (15) days after such date; and
 - c. The **actual date of start-up** within fifteen (15) days after such date.

(Auth.: HAR §11-60.1-90)

15. The permittee shall furnish, in a timely manner, any information or records requested in writing by the Department to determine whether cause exists for terminating, suspending, reopening, or amending this permit, or to determine compliance with this permit. Upon request, the permittee shall also furnish to the Department copies of records required to be kept by the permittee. For information claimed to be confidential, the Director of Health (Director) may require the permittee to furnish such records not only to the Department but also directly to the U.S. EPA, Region 9, along with a claim of confidentiality.

(Auth.: HAR §11-60.1-14, §11-60.1-90)

16. The permittee shall notify the Department in writing of the **intent to shut down air pollution control equipment for necessary scheduled maintenance** at least twenty-four (24) hours prior to the planned shutdown. The submittal of this notice shall not be a defense to an enforcement action. The notice shall include the following:
- a. Identification of the specific equipment to be taken out of service, as well as its location and permit number;
 - b. The expected length of time that the air pollution control equipment will be out of service;
 - c. The nature and quantity of emissions of air pollutants likely to be emitted during the shutdown period;
 - d. Measures such as the use of off-shift labor and equipment that will be taken to minimize the length of the shutdown period; and
 - e. The reasons why it would be impossible or impractical to shut down the source operation during the maintenance period.

(Auth.: HAR §11-60.1-15; SIP §11-60-16)²

17. **Except for emergencies which result in noncompliance with any technology-based emission limitation in accordance with HAR, Section 11-60.1-16.5, in the event any emission unit, air pollution control equipment, or related equipment malfunctions or breaks down in such a manner as to cause the emission of air pollutants in violation of HAR, Chapter 11-60.1 or this permit,** the permittee shall immediately notify the Department of the malfunction or breakdown, unless the protection of personnel or public health or safety demands immediate attention to the malfunction or breakdown and makes such notification infeasible. In the latter case, the notice shall be provided as soon as practicable. Within five (5) working days of this initial notification, the permittee shall also submit, in writing, the following information:

- a. Identification of each affected emission point and each emission limit exceeded;
- b. Magnitude of each excess emission;
- c. Time and duration of each excess emission;
- d. Identity of the process or control equipment causing the excess emission;
- e. Cause and nature of each excess emission;
- f. Description of the steps taken to remedy the situation, prevent a recurrence, limit the excessive emissions, and assure that the malfunction or breakdown does not interfere with the attainment and maintenance of the National Ambient Air Quality Standards and state ambient air quality standards;
- g. Documentation that the equipment or process was at all times maintained and operated in a manner consistent with good practice for minimizing emissions; and
- h. A statement that the excess emissions are not part of a recurring pattern indicative of inadequate design, operation, or maintenance.

The submittal of these notices shall not be a defense to an enforcement action.

(Auth.: HAR §11-60.1-16; SIP §11-60-16)²

18. The permittee may request confidential treatment of any records in accordance with HAR, Section 11-60.1-14.

(Auth.: HAR §11-60.1-14, §11-60.1-90)

19. This permit shall become invalid with respect to the authorized construction if construction is not commenced as follows:

- a. Within eighteen (18) months after the permit takes effect, is discontinued for a period of eighteen (18) months or more, or is not completed within a reasonable time.
- b. For phased construction projects, each phase shall commence construction within eighteen (18) months of the projected and approved commencement dates in the permit. This provision shall be applicable only if the projected and approved commencement dates of each construction phase are defined in Attachment II, Special Conditions, of this permit.

(Auth.: HAR §11-60.1-9, §11-60.1-90)

20. The Department may extend the time periods specified in Standard Condition No. 19 upon a satisfactory showing that an extension is justified. Requests for an extension shall be submitted in writing to the Department.

(Auth.: HAR §11-60.1-9, §11-60.1-90)

21. The permittee shall submit fees in accordance with HAR, Chapter 11-60.1, Subchapter 6.

(Auth.: HAR §11-60.1-90)

22. All certifications shall be in accordance with HAR, Section 11-60.1-4.

(Auth.: HAR §11-60.1-4, HAR §11-60.1-90)

23. The permittee shall allow the Director, the Regional Administrator for the U.S. EPA and/or an authorized representative, upon presentation of credentials or other documents required by law:

- a. To enter the premises where a source is located or emission-related activity is conducted, or where records must be kept under the conditions of this permit and inspect at reasonable times all facilities, equipment, including monitoring and air pollution control equipment, practices, operations, or records covered under the terms and conditions of this permit and request copies of records or copy records required by this permit; and
- b. To sample or monitor at reasonable times substances or parameters to ensure compliance with this permit or applicable requirements of HAR, Chapter 11-60.1.

(Auth.: HAR §11-60.1-11, §11-60.1-90)

24. Within thirty (30) days of **permanent discontinuance of the construction, modification, relocation, or operation of a covered source covered by this permit**, the discontinuance shall be reported in writing to the Department by a responsible official of the source.

(Auth.: HAR §11-60.1-8; SIP §11-60-10)²

25. Each permit renewal application shall be submitted to the Department and the U.S. EPA, Region 9, no less than twelve (12) months and no more than eighteen (18) months prior to the permit expiration date. The Director may allow a permit renewal application to be submitted no less than six (6) months prior to the permit expiration date, if the Director determines that there is reasonable justification.

(Auth.: HAR §11-60.1-101, 40 CFR §70.5(a)(1)(iii))¹

26. The terms and conditions included in this permit, including any provision designed to limit a source's potential to emit, are federally enforceable unless such terms, conditions, or requirements are specifically designated as not federally enforceable.

(Auth.: HAR §11-60.1-93)

27. The compliance plan and compliance certification submittal requirements shall be in accordance with HAR, Sections 11-60.1-85 and 11-60.1-86. As specified in HAR, Section 11-60.1-86, the compliance certification shall be submitted to the Department and the U.S. EPA, Region 9, once per year, or more frequently as set by any applicable requirement.

(Auth.: HAR §11-60.1-90)

28. **Any document (including reports) required to be submitted by this permit shall be certified as being true, accurate, and complete by a responsible official in accordance with HAR, Sections 11-60.1-1 and 11-60.1-4, and shall be mailed to the following address:**

**Clean Air Branch
Environmental Management Division
Hawaii Department of Health
919 Ala Moana Boulevard, Room 203
Honolulu, HI 96814**

Upon request and as required by this permit, all correspondence to the State of Hawaii Department of Health associated with this Covered Source Permit shall have duplicate copies forwarded to:

**Chief
Permits Office, (Attention: Air-3)
Air Division
U.S. Environmental Protection Agency
Region 9
75 Hawthorne Street
San Francisco, CA 94105**

(Auth.: HAR §11-60.1-4, §11-60.1-90)

29. To determine compliance with submittal deadlines for time-sensitive documents, the postmark date of the document shall be used. If the document was hand-delivered, the date received (“stamped”) at the Clean Air Branch shall be used to determine the submittal date.

(Auth.: HAR §11-60.1-5, §11-60.1-90)

¹The citations to the Code of Federal Regulations (CFR) identified under a particular condition, indicate that the permit condition complies with the specified provision(s) of the CFR. Due to the integration of the preconstruction and operating permit requirements, permit conditions may incorporate more stringent requirements than those set forth in the CFR.

²The citations to the State Implementation Plan (SIP) identified under a particular condition, indicate that the permit condition complies with the specified provision(s) of the SIP.

**ATTACHMENT IIA: SPECIAL CONDITIONS
PETROLEUM STORAGE TANKS
COVERED SOURCE PERMIT NO. 0838-01-C**

Issuance Date:

Expiration Date:

In addition to the standard conditions of the Covered Source Permit, the following special conditions shall apply to the permitted facility:

Section A. Equipment Description

1. Attachment IIA of this permit encompasses the following petroleum storage tanks and associated appurtenances:
 - a. One (1) 10,000 barrel internal floating roof petroleum storage tank no. 1;
 - b. One (1) 10,000 barrel internal floating roof petroleum storage tank no. 2;
 - c. One (1) 2,000 barrel internal floating roof petroleum storage tank no. 3;
 - d. One (1) 10,000 barrel internal floating roof petroleum storage tank no. 4;
 - e. One (1) 80,000 barrel internal floating roof petroleum storage tank no. 5;
 - f. One (1) 40,000 barrel fixed roof petroleum storage tank no. 6;
 - g. One (1) 40,000 barrel internal floating roof petroleum storage tank no. 7;
 - h. One (1) 40,000 barrel internal floating roof petroleum storage tank no. 8;
 - i. One (1) 40,000 barrel internal floating roof petroleum storage tank no. 9;
 - j. One (1) 20,000 barrel internal floating roof petroleum storage tank no. 10; and
 - k. One (1) 20,000 barrel internal floating roof petroleum storage tank no. 11.

(Auth.: HAR §11-60.1-3)

2. The permittee shall attach an identification tag or name plate on each petroleum storage tank with the tank identification number. The identification tag or name plate shall be permanently displayed on the equipment in a conspicuous location.

(Auth.: HAR §11-60.1-5)

Section B. Applicable Federal Regulations

1. Petroleum Storage Tanks Nos. 1, 2, 3, 4, 5, 7, 8, 9, 10, and 11 are subject to the provisions of the following federal regulations:
 - a. 40 Code of Federal Regulations (CFR) Part 60, Standards of Performance for New Stationary Sources, Subpart A, General Provisions.
 - b. 40 CFR Part 60, Standards of Performance for New Stationary Sources, Subpart Kb, Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161; 40 CFR §60.1, §60.110b)¹

2. Petroleum Storage Tanks Nos. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, and 11 are subject to the provisions of the following federal regulations:

- a. 40 CFR Part 63, National Emission Standards for Hazardous Air Pollutants for Source Categories, Subpart A, General Provisions.
- b. 40 CFR Part 63, National Emission Standards for Hazardous Air Pollutants for Source Categories, Subpart CC, National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries.
- c. Petroleum Storage Tanks Nos. 1, 3, 7, 8, 9, 10, and 11 are classified as Group 1 storage tanks and shall comply with 40 CFR Part 60, Subpart Kb, except as provided in 40 CFR §63.640(n)(8). Petroleum Storage Tanks Nos. 2, 4, and 5 are classified as Group 2 storage tanks and shall comply with 40 CFR Part 60, Subpart Kb, except as provided in 40 CFR §63.640(n)(8). Petroleum Storage Tank No. 6 is classified as a Group 2 storage tank.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-174; 40 CFR §63.1, §63.640)¹

3. The permittee shall comply with all applicable requirements of these standards, including all emission limits, notification, testing, monitoring, and reporting requirements. The major requirements of these standards are detailed in the special conditions of this permit.

(Auth.: HAR §11-60.1-3, §11-60.1-90)

Section C. Operational and Emission Limitations

1. Petroleum Storage Tanks Nos. 1, 2, 3, 4, 5, 7, 8, 9, 10, and 11
 - a. The true vapor pressure of the volatile organic liquid (VOL) stored shall be maintained below 11.1 pounds per square inch absolute (psia) (76.6 kPa) at all times.
 - b. Petroleum storage tanks shall each have a fixed roof with an internal floating roof and shall meet the specifications pursuant to 40 CFR Part 60, Section 60.112b(a)(1), consisting of the following:
 - i. The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal floating roof shall be floating on the liquid surface at all times, except during initial fill and during those intervals when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible.
 - ii. The petroleum storage tanks shall be equipped with one of the following closure devices between the wall of the storage tank and the edge of the internal floating roof:
 - (1) A foam or liquid-filled seal mounted in contact with the liquid (liquid-mounted seal);

- (2) Two (2) seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage tank and the edge of the internal floating roof. The lower seal may be vapor mounted, but both must be continuous; or
 - (3) A mechanical shoe seal.
- iii. Each opening in a noncontact internal floating roof, except for automatic bleeder vents (vacuum breaker vents) and the rim space vents is to provide a projection below the liquid surface.
 - iv. Each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains is to be equipped with a cover or lid which is to be maintained in a closed position at all times (i.e., no visible gap), except when the device is in actual use. The cover or lid shall be equipped with a gasket. Covers on each access hatch and automatic gauge float well shall be bolted except when they are in use.
 - v. Automatic bleeder vents shall be equipped with a gasket and are to be closed at all times when the roof is floating, except when the roof is being floated off or is being landed on the roof support legs.
 - vi. Rim space vents shall be equipped with a gasket and are to be set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting.
 - vii. Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The sample well shall have a slit fabric cover that covers at least ninety (90) percent of the opening.
 - viii. Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover.
 - ix. Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover.

(Auth.: HAR §11-60.1-3, §11-60.1-39, §11-60.1-90, §11-60.1-161, §11-60.1-174; 40 CFR §60.112b, §63.640)¹

- 2. Each petroleum storage tank identified in Section A of this Attachment shall be equipped with a permanent submerged fill pipe. A submerged fill pipe means a fill pipe the discharged opening of which is entirely submerged when the liquid level is six (6) inches above the bottom of the tank; or when applied to a tank which is loaded from the side, shall mean a fill pipe where the bottom of the discharge opening is no more than eighteen (18) inches above the bottom of the tank.

(Auth.: HAR §11-60.1-3, §11-60.1-39, §11-60.1-90)

Section D. Monitoring and Recordkeeping Requirements

1. Records

All records, including support information, shall be maintained for at least five (5) years from the date of the monitoring sample, measurement, test, report, or application. Support information includes all maintenance, inspection, and repair records, and copies of all reports required by this permit. These records shall be true, accurate, and maintained in a permanent form suitable for inspection and made available to the Department or its representative(s) upon request.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90)

2. The permittee shall maintain and operate a tank gauging system for each petroleum storage tank to monitor the throughput of petroleum product for the purpose of calculating annual emissions.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-11, §11-60.1-90)

3. Inspections

- a. For a storage tank equipped with the seal system specified in Attachment IIA, Special Condition No. C.1.b.ii.(1), inspect in accordance with Attachment IIA, Special Condition Nos. D.4, D.5, and D.6.
- b. For a storage tank equipped with a double-seal system, as specified in Attachment IIA, Special Condition No. C.1.b.ii.(2), inspect in accordance with:
 - i. Attachment IIA, Special Condition Nos. D.4, D.5, and D.6; or
 - ii. Attachment IIA, Special Condition Nos. D.4 and D.6, except inspect at least every **five (5) years** instead of **ten (10) years**.
- c. For a storage tank equipped with the seal system specified in Attachment IIA, Special Condition No. C.1.b.ii.(3), inspect in accordance with Attachment IIA, Special Condition Nos. D.4, D.5, and D.6.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90, §11-60.1-161, §11-60.1-174;
40 CFR §60.113b, §63.640)¹

4. Initial Inspection

After installing the control equipment required to meet Attachment IIA, Special Condition No. C.1.b, the permittee shall visually inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service), prior to filling the storage tank with VOL. If there are holes, tears, or other openings in the primary seal, the secondary seal, or the seal fabric or defects in the internal floating roof, or both, the permittee shall repair the items before filling the storage tank.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90, §11-60.1-161, §11-60.1-174; 40 CFR §60.113b, §63.640)¹

5. Annual Inspection

The permittee shall visually inspect the internal floating roof, the primary seal, or the secondary seal (if one is in service) through manholes and roof hatches on the fixed roof at least once every **twelve (12) months** after initial fill. If the internal floating roof is not resting on the surface of the VOL inside the storage tank, or there is liquid accumulated on the roof, or the seal is detached, or there are holes or tears in the seal fabric, the permittee shall repair the items or empty and remove the storage tank from service within **forty-five (45) days**. If a failure that is detected during inspections required by this condition cannot be repaired within **forty-five (45) days** and if the tank cannot be emptied within **forty-five (45) days**, up to two (2) **thirty (30) day** extensions may be requested from the Department in the annual inspection report required by Attachment IIA, Special Condition No. E.3. Such a request for an extension must document that alternate storage capacity is unavailable and specify a schedule of actions the permittee will take that will assure that the control equipment will be repaired or the storage tank will be emptied as soon as possible.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90, §11-60.1-161, §11-60.1-174; 40 CFR §60.113b, §63.640(n)(8))¹

6. Inspection after Tank Emptied and Degassed

The permittee shall visually inspect the internal floating roof, the primary seal, the secondary seal (if one is in service), gaskets, slotted membranes, and sleeve seals (if any) each time the storage tank is emptied and degassed. If the internal floating roof has defects, the primary seal has holes, tears, or other openings in the seal or seal fabric, or the secondary seal has holes, tears, or other openings in the seal or seal fabric, or the gaskets no longer close off the liquid surfaces from the atmosphere, or the slotted membrane has more than ten (10) percent open area, the permittee shall repair the items, as necessary, so that none of the conditions specified in this paragraph exist before refilling the storage tank with VOL. In no event shall inspections conducted in accordance with this condition occur at intervals greater than **ten (10) years** for tank inspections specified in Attachment IIA, Special Condition Nos. D.3.a, D.3.b.i, and D.3.c. In no event, shall inspections conducted in accordance with this condition occur at intervals greater than **five (5) years** for inspections specified in Attachment IIA, Special Condition No. D.3.b.ii.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90, §11-60.1-161, §11-60.1-174; 40 CFR §60.113b, §63.640)¹

7. Records

- a. The permittee shall keep records of each inspection performed as required by Attachment IIA, Special Condition Nos. D.4, D.5, and D.6. Records shall include the tank identification, the date the tank was inspected, and the observed condition of each component of the control equipment (seals, internal floating roof, and fittings, etc.).
- b. Records shall be maintained on the type of VOL stored, the period of storage, and the maximum true vapor pressure (in psia) of the VOL stored during the respective storage period. Determination of the maximum true vapor pressure shall be done in accordance with 40 CFR §60.116b(e). The method used to determine the maximum true vapor pressure shall be identified in the records.
- c. Records showing the dimensions (feet) of the storage tanks and the analysis showing the capacity (gallons or barrels) of the storage tanks shall be maintained for the life of the tank.
- d. Petroleum Storage Tank No. 6 (Group 2 storage tank). Records showing the dimensions (feet) of the storage tank and the analysis showing the capacity (gallons or barrels) of the storage tank shall be maintained for as long as liquid is stored. Records of the data, assumptions, and procedures used to make the determination of Group 2 status shall be kept.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90, §11-60.1-161, §11-60.1-174; 40 CFR §60.115b, §60.116b, §63.640)¹

Section E. Notification and Reporting Requirements

1. Tank Filling and Refilling

The permittee shall notify the Department in writing at least **thirty (30) days** prior to the filling or refilling of each storage tank for which an inspection is required by Attachment IIA, Special Condition Nos. D.4 and D.6, to afford the Department the opportunity to have an observer present. If the inspection required by Attachment IIA, Special Condition D.6, is not planned and the permittee could not have known about the inspection **thirty (30) days** in advance or refilling the storage tank, the permittee shall notify the Department at least **seven (7) days prior** to the refilling of the storage tank. Notification shall be made by telephone followed immediately by written documentation demonstrating why the inspection was unplanned. Alternatively, this notification, including the written documentation, may be made in writing and sent by express mail, so that the Department receives the notice at least **seven (7) days prior** to the refilling.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90, §11-60.1-161, §11-60.1-174;
40 CFR §60.115b, §63.640)¹

2. After installing the control equipment in Attachment IIA, Special Condition No. C.1.b, the permittee shall furnish the Department with a report that describes the control equipment and certifies that the control equipment meets the specifications in Attachment IIA, Special Condition No. C.1.b. This report shall be an attachment to the notification required by 40 CFR §60.7(a)(3).

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90, §11-60-161, §11-60.1-174;
40 CFR §60.115b, §63.640)¹

3. Annual Inspection Report

A report shall be submitted to the Department, within **thirty (30) days** of the annual visual inspection required by Attachment IIA, Special Condition No. D.5, if any conditions described in Attachment IIA, Special Condition No. D.5, are detected. Each report shall identify the storage tank, the nature of defects, and the date the storage tank was emptied or the nature of and date the repair was made. If an extension is utilized in accordance with Attachment A, Special Condition No. D.5, the permittee shall, in the next periodic report, identify the storage tank; provide the information listed in Attachment IIA, Special Condition No. D.5, and describe the nature and date of the repair made or provide the date the storage tank was emptied.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90, §11-60-161, §11-60-174;
40 CFR §60.115b, §63.640(n)(8))¹

4. Other Inspection Reports

A report shall be submitted to the Department, for inspections required by Attachment IIA, Special Condition No. D.3.b. This report shall be submitted within **thirty (30) days** if an inspection finds holes or tears in the seal or seal fabric, or defects in the internal floating roof, or other control equipment defects listed in Attachment IIA, Special Condition No. D.5. The report shall identify the storage tank and the reason it did not meet the specifications of Attachment IIA, Special Condition Nos. C.1.b or D.3.b, and list each repair made.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90, §11-60-161, §11-60-174; 40 CFR §60.115b, §63.640)¹

5. Standard Condition Reporting

Notification and reporting pertaining to the following events shall be done in accordance with Attachment I, Standard Condition Nos. 14, 17, and 24, respectively:

- a. Anticipated date of initial start-up, actual date of construction commencement, and actual date of start-up of each storage tank;
- b. Emissions of air pollutants in violation of HAR, Chapter 11-60.1 or this permit (excluding technology-based emission exceedances due to emergencies); and
- c. Permanent discontinuance of construction, modification, relocation, or operation of the facility covered by this permit.

(Auth.: HAR §11-60.1-8, §11-60.1-15, §11-60.1-16, §11-60.1-90)

6. Deviations

The permittee shall report **within five (5) working days** any deviations from permit requirements, including those attributed to upset conditions, the probable cause of such deviations, and any corrective actions or preventive measures taken. Corrective actions may include a requirement for testing, or more frequent monitoring, or could trigger implementation of a corrective action plan.

(Auth.: HAR §11-60.1-3, §11-60.1-15, §11-60.1-16, §11-60.1-90)

7. Annual Emissions

- a. As required by Attachment IV and in conjunction with the requirements of Attachment III, Annual Fee Requirements, the permittee shall submit **annually** the total tons per year emitted of each regulated air pollutant including hazardous air pollutants (HAPs). The reporting of annual emissions is due **within sixty (60) days** following the end of each calendar year. Completion and submittal of the **Annual Emissions Form: Internal Floating Roof Storage Tanks** shall be used for reporting.

- b. Upon the written request of the permittee, the deadline for reporting of annual emissions may be extended, if the Department determines that reasonable justification exists for the extension.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-90, §11-60.1-114)

8. Compliance Certification

- a. During the permit term, the permittee shall submit at least **annually** to the Department and U.S. EPA, Region 9, the attached **Compliance Certification Form** pursuant to HAR, Subsection 11-60.1-86. The permittee shall indicate whether or not compliance is being met with each term or condition of this permit. The compliance certification shall include, at a minimum, the following information:
 - i. The identification of each term or condition of the permit that is the basis of the certification;
 - ii. The compliance status;
 - iii. Whether compliance was continuous or intermittent;
 - iv. The methods used for determining the compliance status of the source currently and over the reporting period;
 - v. Any additional information indicating the source's compliance status with any applicable enhanced monitoring and compliance certification, including the requirements of Section 114(a)(3) of the Clean Air Act or any applicable monitoring and analysis provisions of Section 504(b) of the Clean Air Act;
 - vi. Brief description of any deviations including identifying as possible exceptions to compliance any periods during which compliance is required and which the excursion or exceedances as defined in 40 CFR 64 occurred; and
 - vii. Any additional information as required by the Department, including information to determine compliance.
- b. The compliance certification shall be submitted within **sixty (60) days after** the end of each calendar year and shall be signed and dated by a responsible official.
- c. Upon the written request of the permittee, the deadline for submitting the compliance certification may be extended, if the Department determines that reasonable justification exists for the extension.

(Auth.: HAR §11-60.1-4, §11-60.1-86, §11-60.1-90)

Section F. Agency Notification

Any document (including reports) required to be submitted by this Covered Source Permit shall be in accordance with Attachment I, Standard Condition No. 28.

(Auth.: HAR §11-60.1-4, §11-60.1-90)

¹The citations to the Code of Federal Regulations (CFR) identified under a particular condition, indicate that the permit condition complies with the specified provision(s) of the CFR. Due to the integration of the preconstruction and operating permit requirements, permit conditions may incorporate more stringent requirements than those set forth in the CFR.

²The citations to the State Implementation Plan (SIP) identified under a particular condition, indicate that the permit condition complies with the specified provision(s) of the SIP.

**ATTACHMENT IIB: SPECIAL CONDITIONS
TANK TRUCK LOAD RACK
COVERED SOURCE PERMIT NO. 0838-01-C**

Issuance Date:

Expiration Date:

In addition to the Standard Conditions of the Covered Source Permit, the following Special Conditions shall apply to the permitted facility:

Section A. Equipment Description

1. Attachment IIB of this permit encompasses the following equipment and associated appurtenances:
 - a. One (1) petroleum tank truck load rack with three (3) truck bays.
 - i. Bottom loading; and
 - ii. Eighteen (18) gasoline loading arms, six (6) diesel loading arms, two (2) jet fuel loading arms, and four (4) ethanol loading arms.
 - b. One (1) 54.2 MMBtu/hr John Zink enclosed flame vapor combustion unit, model no. ZCT-3-8-45-X-2/8-2/8-XX, with a forty-five (45) foot exhaust stack height. No steam assist. Uses propane for pilot gas.

(Auth.: HAR §11-60.1-3)
 2. The permittee shall attach an identification tag or nameplate on the equipment to show the model number, serial number, and manufacturer. The identification tag or name plate shall be permanently displayed on the equipment in a conspicuous location.
- (Auth.: HAR §11-60.1-5)

Section B. Applicable Federal Regulations

1. The petroleum tank truck load rack and associated appurtenances are subject to the provisions of the following federal regulations:
 - a. 40 CFR Part 60, Standards of Performance for New Stationary Sources, Subpart A, General Provisions.
 - b. 40 CFR Part 60, Standards of Performance for New Stationary Sources, Subpart XX, Standards of Performance for Bulk Gasoline Terminals.
 - c. 40 CFR Part 60, Standards of Performance for New Stationary Sources, Subpart Ja, Standards of Performance for Petroleum Refineries for Which Construction, Reconstruction, or Modification Commenced After May 14, 2007.
 - d. 40 CFR Part 63, National Emission Standards for Hazardous Air Pollutants for Source Categories, Subpart A, General Provisions.

- e. 40 CFR Part 63, National Emission Standards for Hazardous Air Pollutants for Source Categories, Subpart CC, National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161, §11-60.1-174; 40 CFR §60.1, §60.100a, §60.500, §63.1, §63.640, §63.650)¹

2. The permittee shall comply with all applicable provisions of these standards, including all emission limits and all notification, testing, monitoring, and reporting requirements. The major requirements of these standards are detailed in the special conditions of this permit.

(Auth.: HAR §11-60.1-3, §11-60.1-90)

Section C. Operational Limitations

1. Petroleum Tank Truck Load Rack

- a. The maximum throughput of the petroleum tank truck load rack shall not exceed 4,400,000 barrels of gasoline per rolling twelve-month (12-month) period.
- b. The maximum throughput of the petroleum tank truck load rack shall not exceed 484,000 barrels of ethanol per rolling twelve-month (12-month) period.
- c. The maximum throughput of the petroleum tank truck load rack shall not exceed 3,840,000 barrels of diesel and biodiesel combined per rolling twelve-month (12-month) period.
- d. The maximum throughput of the petroleum tank truck load rack shall not exceed 1,476,000 barrels of jet fuel per rolling twelve-month (12-month) period.
- e. The maximum throughput of the petroleum tank truck load rack shall not exceed 24,000 barrels of transmix per rolling twelve-month (12-month) period.

Note: Gasoline, diesel, and jet fuel throughputs do not include additives.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-90)

2. The permittee shall install, maintain, and operate the vapor combustion unit as an air pollution control device for the petroleum tank truck load rack.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-90)

3. The vapor combustion unit shall be connected, fully functional, and operational at all times whenever the petroleum tank truck load rack is in operation loading gasoline or transmix.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-90)

4. The vapor combustion unit shall be operated and maintained in accordance with the manufacturer's specifications.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-90)

5. The permittee shall comply with the following requirements:
 - a. The petroleum tank truck load rack shall be equipped with a vapor collection system designed to collect the total organic compounds vapors displaced from gasoline tank trucks during product loading.
 - b. The emissions to the atmosphere from the vapor collection system due to the loading of liquid product into gasoline tank trucks shall not exceed ten (10) milligrams of total organic compounds per liter of gasoline loaded.
 - c. Each vapor collection system shall be designed to prevent any total organic compounds vapors collected at one loading rack or lane from passing to another loading rack or lane to the atmosphere.
 - d. Loadings of liquid product into all gasoline tank trucks shall be limited to vapor-tight gasoline tank trucks using the following procedures:
 - i. The permittee shall obtain the vapor tightness documentation described in Attachment IIB, Special Condition No. D.8.c, for each gasoline tank truck which is loaded at the subject facility.
 - ii. The permittee shall require the tank identification number to be recorded as each gasoline tank truck is loaded at the subject facility.
 - iii. The permittee shall cross-check each tank identification number obtained in Attachment IIB, Special Condition No. C.5.d.ii, with the file of tank vapor tightness documentation within two (2) weeks after the corresponding tank is loaded, unless either of the following conditions is maintained:
 - (1) If less than an average of one (1) gasoline tank truck per month over the last twenty-six (26) weeks is loaded without vapor tightness documentation then the documentation cross-check shall be performed each quarter; or
 - (2) If less than an average of one (1) gasoline tank truck per month over the last fifty-two (52) weeks is loaded without vapor tightness documentation then the documentation cross-check shall be performed semiannually.
 - (3) If either the quarterly or semiannual cross-check reveals that these conditions were not maintained, the permittee must return to biweekly monitoring until such time as these conditions are again met.
 - iv. The permittee shall notify the owner or operator of each nonvapor-tight gasoline tank truck loaded at the subject facility within one (1) week of the documentation cross-check in Attachment IIB, Special Condition No. C.5.d.iii.
 - v. The permittee shall take steps assuring that the nonvapor-tight gasoline tank truck will not be reloaded at the subject facility until vapor tightness documentation for that gasoline tank truck is obtained which documents that:
 - (1) The gasoline tank truck meets the test requirements in 40 CFR §63.425(e);
 - (2) For each gasoline tank truck failing the test in 40 CFR §63.425 (f) or (g) at the facility, the gasoline tank truck either:
 - (a) Before repair work is performed on the gasoline tank truck, meets the test requirements in 40 CFR §63.425 (g) or (h), or

- (b) After repair work is performed on the gasoline tank truck before or during the tests in 40 CFR §63.425 (g) or (h), subsequently passes the annual certification test described in 40 CFR §63.425(e).
- vi. Alternate procedures to Attachment IIB, Special Condition Nos. C.5.d.i thru C.5.d.v, for limiting gasoline tank truck loadings may be used upon application to, and approved by, the Department.
- e. The permittee shall ensure that loadings of gasoline tank trucks at the subject facility are made only into tanks equipped with vapor collection equipment that is compatible with the terminal's vapor collection system.
- f. The permittee shall ensure that the terminal's and the gasoline tank truck's vapor collection systems are connected during each loading of a gasoline tank truck at the subject facility. Examples of actions to accomplish this include training drivers in the hookup procedures and posting visible reminder signs at the subject loading racks.
- g. The vapor collection and liquid loading equipment shall be designed and operated to prevent gauge pressure in the delivery tank from exceeding 4,500 pascals (450 mm of water) during product loading. This level is not to be exceeded when measured by the procedures specified in Attachment IIB, Special Condition No. F.4.
- h. No pressure-vacuum vent in the bulk gasoline terminal's vapor collection system shall begin to open at a system pressure less than 4,500 pascals (450 mm of water).

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-174, 40 CFR §63.650)¹

- 6. For any six (6) minute averaging period, the vapor combustion unit shall not exhibit visible emissions of twenty (20) percent opacity or greater, except as follows: during startup, shutdown, or equipment breakdown, the vapor combustion unit may exhibit visible emissions not greater than sixty (60) percent opacity for a period aggregating not more than six (6) minutes in any sixty (60) minute period.

(Auth.: HAR §11-60.1-3, §11-60.1-32, §11-60.1-90)

7. Vapor Combustion Unit

- a. The vapor combustion unit shall only combust fuel gas that has a H₂S content that does not exceed 162 ppmv determined hourly on a three-hour (3-hour) rolling average basis and sixty (60) ppmv determined daily on a 365 successive calendar day rolling average basis.
- b. The vapor combustion unit shall only combust commercial-grade propane as a pilot gas with a sulfur content not to exceed thirty (30) ppmv.

(Auth.: HAR §11-60.1-3, §11-60.1-38, §11-60.1-90, 40 CFR §60.102a(g)(1)(ii), §60.107a(a)(3)(ii), §60.107a(a)(3)(iv))¹

Section D. Monitoring and Recordkeeping Requirements

1. Records

All records, including support information, shall be maintained for at least five (5) years from the date of the monitoring sample, measurement, test, report, or application. Support information includes all maintenance, inspection, and repair records, and copies of all reports required by this permit. These records shall be true, accurate, and maintained in a permanent form suitable for inspection and made available to the Department or its representative(s) upon request.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90)

2. The permittee shall install, maintain and operate a non-resetting volumetric flow meter to monitor the throughput of petroleum products (gasoline, ethanol, diesel, jet fuel, transmix) at the petroleum tank truck load rack. The non-resetting meter shall not allow the manual resetting or other manual adjustments of the meter readings. The installation of any new non-resetting meters or the replacement of any existing non-resetting meters shall be designed to accommodate a minimum of five (5) years of equipment operation, considering any operational limitations, before the meter returns to a zero reading.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-11, §11-60.1-90)

3. The permittee shall maintain records on the monthly and rolling twelve-month (12-month) throughputs of each petroleum product (gasoline, ethanol, diesel, jet fuel, transmix) loaded. Monthly records shall include:

- a. Date of meter reading;
- b. Meter reading at the beginning of each month;
- c. Total throughputs of each product for each month; and
- d. Total throughputs of each product on a rolling twelve-month (12-month) basis.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-11, §11-60.1-90)

4. Visible Emissions (VE)

The permittee shall conduct **monthly** (calendar month) VE observations for the vapor combustion unit by a certified reader in accordance with 40 CFR Part 60, Appendix A, Method 9, or U.S. EPA approved equivalent methods, or alternate methods with prior written approval from the Department. For each month, two (2) consecutive six (6) minute observations shall be taken at fifteen (15) second intervals. Records shall be completed and maintained in accordance with the **Visible Emissions Form Requirements**. The monthly VE observations are not required for the months that the vapor combustion unit did not operate.

(Auth.: HAR §11-60.1-3, §11-60.1-32, §11-60.1-90)

5. The permittee shall install, calibrate, certify, operate, and maintain, according to the manufacturer's specifications, a continuous parameter monitoring system (CPMS) capable of measuring temperature installed in the firebox or in the ductwork immediately downstream from the firebox in a position before any substantial heat exchange occurs. The permittee shall operate the vapor processing system in a manner not to go below the operating parameter value (temperature) established using the procedures in Attachment IIB, Special Condition No. F.10. Operation of the vapor processing system in a manner going below the operating parameter value, shall constitute a violation of the emission standard in Attachment IIB, Special Condition No. C.5.b.

Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-174, 40 CFR §63.650)¹

6. The permittee shall keep an up-to-date, readily accessible record of the continuous monitoring data required under Attachment IIB, Special Condition No. D.5. This record shall indicate the time intervals during which loadings of gasoline tank trucks have occurred or, alternatively, shall record the operating parameter data only during such loadings. The date and time of day shall also be indicated at reasonable intervals on this record.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-174, 40 CFR §63.650)¹

7. The permittee shall record simultaneously with the Notification of Compliance Status required under 40 CFR §63.9(h) and Attachment IIB, Special Condition No. E.4, all data and calculations, engineering assessments, and manufacturer's recommendations used in determining the operating parameter value under Attachment IIB, Special Condition No. F.10.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-174, 40 CFR §63.650)¹

8. The permittee shall keep records of the test results for each gasoline tank truck loading at the facility as follows:
 - a. Annual certification testing performed under 40 CFR §63.425(e);
 - b. Continuous performance testing performed anytime at the facility under 40 CFR §63.425(f), (g), and (h);
 - c. The permittee shall maintain a tank truck vapor tightness documentation file on all gasoline tank trucks loaded at the subject facility. The file for each gasoline tank truck shall be updated at least once per year to reflect current test results. This documentation file shall include, as a minimum, the following information:
 - i. Name of test: Annual Certification Test – Method 27 (40 CFR §63.425(e)(1)); Annual Certification Test – Internal Vapor Valve (40 CFR §63.425(e)(2)); Leak Detection Test (40 CFR §63.425(f)); Nitrogen Pressure Decay Field Test (40 CFR §63.425(g)); Continuous Performance Pressure Decay Test (40 CFR §63.425(h));
 - ii. Tank truck owner's name and address;
 - iii. Tank truck identification number;
 - iv. Test location and date;

- v. Tester name and signature;
- vi. Witnessing inspector, if any: Name, signature, and affiliation;
- vii. Vapor tightness repair: Nature of repair work and when performed in relation to vapor tightness testing; and
- viii. Test results: Test pressure, pressure or vacuum change, mm of water, time period of test, number of leaks found with instrument, and leak definition.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-174, 40 CFR §63.650)¹

9. As an alternative to keeping records at the terminal of each gasoline tank truck test results as required in Attachment IIB, Special Condition No. D.8.c, the permittee may comply with the requirements in either paragraph a or b below:
 - a. An electronic copy of each record is instantly available at the terminal.
 - i. The copy of each record is an exact duplicate image of the original paper record with certifying signatures.
 - ii. The Department is notified in writing that each terminal using this alternative is in compliance with paragraph a.
 - b. For facilities that use a terminal automation system to prevent gasoline tank trucks that do not have valid tank truck vapor tightness documentation from loading (e.g., via a card lock-out system), a copy of the documentation is made available (e.g., via facsimile) for inspection by the Department during the course of a site visit, or within mutually agreeable time frame.
 - i. The copy of each record is an exact duplicate image of the original paper record with certifying signatures.
 - ii. The Department is notified in writing that each terminal using this alternative is in compliance with paragraph b.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-174, 40 CFR §63.650)¹

10. Vapor Combustion Unit

- a. The permittee may apply for an exemption from the H₂S monitoring requirements of 40 CFR §60.107a(a)(2) for low-sulfur fuel gas streams. A fuel gas stream that is demonstrated to be low-sulfur is exempt from the monitoring requirements until there are changes in operating conditions or stream composition. The permittee shall submit to the Department a written application for an exemption from monitoring. The application must contain the information described in 40 CFR §60.107a(b)(1). The permittee shall keep a copy of the application as well as the letter from the Department granting approval of the application.

- b. The permittee shall maintain records of the fuel gas exemption that applies to the combustion of commercial-grade propane that is inherently low in sulfur content.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-11, §11-60.1-90, 40 CFR §60.107a(a)(3)(ii), §60.107a(a)(3)(iv), §60.108a(c)(5))¹

Section E. Notification and Reporting Requirements

1. Notification and reporting pertaining to the following events shall be done in accordance with Attachment I, Standard Condition Nos. 14, 16, 17, and 24 respectively:
 - a. Anticipated date of initial start-up, actual date of construction commencement, and actual date of start-up of the petroleum tank truck load rack and vapor combustion unit;
 - b. Intent to shut down air pollution control equipment for necessary scheduled maintenance;
 - c. Emissions of air pollutants in violation of HAR, Chapter 11-60.1 or this permit (excluding technology-based emission exceedances due to emergencies); and
 - d. Permanent discontinuance of construction, modification, relocation, or operation of the facility covered by this permit.

(Auth.: HAR §11-60.1-8, §11-60.1-15, §11-60.1-16, §11-60.1-90)

2. The permittee shall report **within five (5) working days** any deviations from permit requirements, including those attributable to upset conditions, the probable cause of such deviations, and any corrective actions or preventive measures taken. Corrective actions may include a requirement for testing, or more frequent monitoring, or could trigger implementation of a corrective action plan.

(Auth.: HAR §11-60.1-3, §11-60.1-15, §11-60.1-16, §11-60.1-90)

3. Annual Emissions
 - a. As required by Attachment IV and in conjunction with the requirements of Attachment III, Annual Fee Requirements, the permittee shall submit **annually** the total tons per year emitted of each regulated air pollutant including hazardous air pollutants (HAPs). The reporting of annual emissions is due **within sixty (60) days** following the end of each calendar year. Completion and submittal of the **Annual Emissions Report Form: Tank Truck Load Rack** shall be used for reporting.
 - b. Upon the written request of the permittee, the deadline for reporting of annual emissions may be extended, if the Department determines that reasonable justification exists for the extension.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-90, §11-60.1-114)

4. Compliance Certification

- a. During the permit term, the permittee shall submit at least **annually** to the Department and U.S. EPA, Region 9, the attached **Compliance Certification Form** pursuant to HAR, Subsection 11-60.1-86. The permittee shall indicate whether or not compliance is being met with each term or condition of this permit. The compliance certification shall include, at a minimum, the following information:
 - i. The identification of each term or condition of the permit that is the basis of the certification;
 - ii. The compliance status;
 - iii. Whether compliance was continuous or intermittent;
 - iv. The methods used for determining the compliance status of the source currently and over the reporting period;
 - v. Any additional information indicating the source's compliance status with any applicable enhanced monitoring and compliance certification, including the requirements of Section 114(a)(3) of the Clean Air Act or any applicable monitoring and analysis provisions of Section 504(b) of the Clean Air Act;
 - vi. Brief description of any deviations including identifying as possible exceptions to compliance any periods during which compliance is required and which the excursion or exceedances as defined in 40 CFR 64 occurred; and
 - vii. Any additional information as required by the Department, including information to determine compliance.
- b. The compliance certification shall be submitted within **sixty (60) days after** the end of each calendar year and shall be signed and dated by a responsible official.
- c. Upon the written request of the permittee, the deadline for submitting the compliance certification may be extended, if the Department determines that reasonable justification exists for the extension.

(Auth.: HAR §11-60.1-4, §11-60.1-86, §11-60.1-90)

5. Monitoring Reports

The permittee shall submit **semi-annually** the following written reports to the Department and U.S. EPA, Region 9. The reports shall be submitted **within sixty (60) days after** the end of each semi-annual calendar period (January 1 - June 30 and July 1 - December 31).

- a. The petroleum tank truck load rack throughput. The enclosed **Monitoring Report Form: Tank Truck Load Rack** shall be used for reporting.
- b. Any opacity exceedances as determined by the required VE monitoring. Each exceedance reported shall include the date, six (6) minute average opacity reading, possible reason for exceedance, duration of exceedance, and corrective actions taken. If there are no exceedances, the permittee shall submit in writing a statement indicating that for each equipment there were no exceedances for that semi-annual period. The enclosed **Monitoring Report Form: Opacity Exceedances** shall be used for reporting.

- c. A compliance report containing the following information:

For the petroleum tank truck load rack, each loading of a gasoline tank truck for which vapor tightness documentation had not been previously obtained by the facility.

- d. An excess emissions report containing the following information:

- i. Each exceedance or failure to maintain, as appropriate, the monitored operating parameter value determined under Attachment IIB, Special Condition No. F.10. The report shall include the monitoring data for the days on which exceedances or failures to maintain have occurred, and a description and timing of the steps taken to repair or perform maintenance on the vapor collection and processing system or the CPMS.
- ii. Each instance of a nonvapor-tight gasoline tank truck loading at the facility in which the permittee failed to take steps to assure that such gasoline tank truck would not be reloaded at the facility before vapor tightness documentation for that gasoline tank truck was obtained.
- iii. Each reloading of a nonvapor-tight gasoline tank truck at the facility before vapor tightness documentation for that gasoline tank truck is obtained by the facility in accordance with Attachment IIB, Special Condition No. C.5.d.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-174; 40 CFR §63.650)¹

6. The permittee shall notify the owner or operator of each nonvapor-tight gasoline tank truck loaded at the subject facility within one (1) week after the loading has occurred as required in Attachment IIB, Special Condition No. C.5.d.iv.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-174; 40 CFR §63.650)¹

7. The permittee shall submit the serial number of the vapor combustion unit to the Department within **five (5) working days** after initial startup of the vapor combustion unit.

(Auth.: HAR §11-60.1-5, §11-60.1-90)

8. Notification of Compliance Status

The permittee shall report simultaneously with the Notification of Compliance Status required under 40 CFR §63.9(h) and Attachment IIB, Special Condition No. E.4, all data and calculations, engineering assessments, and manufacturer's recommendations used in determining the operating parameter value under Attachment IIB, Special Condition No. F.10.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-174, 40 CFR §63.650)¹

Section F. Testing Requirements

1. **Within sixty (60) days** after achieving the maximum expected operating capacity of the vapor combustion unit, but not later than **one-hundred eighty (180) days** after the initial startup of the vapor combustion unit, and **annually** thereafter, the permittee shall conduct or cause to be conducted performance tests on the vapor processing and collection system to determine compliance with Attachment IIB, Special Condition Nos. C.5.b and C.5.g.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-174; 40 CFR §63.650)¹

2. Immediately before the performance test required to determine compliance with Attachment IIB, Special Condition Nos. C.5.b and C.5.g, the permittee shall use Method 21 referenced in Appendix A of 40 CFR Part 60 to monitor for leakage of vapor all potential sources in the terminal's vapor collection system equipment while a gasoline tank truck is being loaded. The permittee shall repair all leaks with readings of 500 ppm (as methane) or greater before conducting the performance test.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-174; 40 CFR §63.650)¹

3. The test methods and procedures are shown below and are referenced in Appendix A of 40 CFR Part 60. The permittee shall determine compliance with Attachment IIB, Special Condition No. C.5.b, as follows:
 - a. The performance test shall be six (6) hours long during which at least 300,000 liters of gasoline is loaded. If this is not possible, the test may be continued the same day until 300,000 liters of gasoline is loaded or the test may be resumed the next day with another complete six-hour (6-hour) period. In the latter case, the 300,000 liter criterion need not be met. However, as much as possible, testing should be conducted during the six-hour (6-hour) period in which the highest throughput normally occurs.
 - b. If the vapor processing system is intermittent in operation, the performance test shall begin at a reference vapor holder level and shall end at the same reference point. The test shall include at least two (2) startups and shutdowns of the vapor processor. If this does not occur under automatically controlled operations, the system shall be manually controlled.
 - c. The emission rate (E) of total organic compounds shall be computed using the equation described in 40 CFR Part 60, Section 60.503(c)(3).
 - d. The performance test shall be conducted in intervals of five (5) minutes. For each interval "I," readings from each measurement shall be recorded, and the volume exhausted (V_{esi}) and the corresponding average total organic compounds concentration (C_{ei}) shall be determined. The sampling system response time shall be considered in determining the average total organic compounds concentration corresponding to the volume exhausted.
 - e. Method 2B shall be used for combustion vapor processing systems used to determine the volume (V_{esi}) air-vapor mixture exhausted at each interval.

- f. Method 25A or 25B shall be used for determining the total organic compounds concentration (C_{ei}) at each interval. The calibration gas shall be either propane or butane. The permittee may exclude the methane and ethane content in the exhaust vent by any method (e.g., Method 18) approved by the Department.
- g. To determine the volume (L) of gasoline dispensed during the performance test period at all loading racks whose vapor emissions are controlled by the processing system being tested, terminal records or readings from gasoline dispensing meters at each loading rack shall be used.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-174; 40 CFR §63.650)¹

- 4. The permittee shall determine compliance with Attachment IIB, Special Condition No. C.5.g, as follows:
 - a. A pressure measurement device (liquid manometer, magnehelic gauge, or equivalent instrument), capable of measuring up to five hundred (500) mm of water gauge pressure with ± 2.5 mm of water precision, shall be calibrated and installed on the terminal's vapor collection system at a pressure tap as close as possible to the connection with the gasoline tank truck.
 - b. During the performance test, the pressure shall be recorded every five (5) minutes while a gasoline truck is being loaded; the highest instantaneous pressure that occurs during each loading shall also be recorded. Every loading position must be tested at least once during the performance test.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-174; 40 CFR §63.650)¹

- 5. The tests shall be made at the expense of the permittee including providing sampling and testing facilities. The Department may monitor the tests.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-174, 40 CFR §63.7)¹

- 6. Any deviations from these conditions, test methods, or procedures may be cause for rejection of the test results unless such deviations are approved by the Department before the tests.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-174, 40 CFR §63.7)¹

- 7. **At least sixty (60) days prior to performing the performance test**, the permittee shall submit a written performance test plan to the Department and the U.S. EPA, Region 9, that describes the test date(s), test duration, test locations, test methods, source operation, and other parameters that may affect test results. Such a plan shall conform to U.S. EPA guidelines including quality assurance procedures. A performance test plan that does not have the approval of the Department may be grounds to invalidate any test and require a retest.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-174, 40 CFR §63.7)¹

8. **Within sixty (60) days** after completion of the performance test, the permittee shall submit to the Department and the U.S. EPA, Region 9, the test report which shall include the operating conditions of the petroleum tank truck loading rack at the time of the test, the summarized test results, comparative results with the permit emission limits, and other pertinent field and laboratory data.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-174, 40 CFR §63.7)¹

9. Upon written request and justification, the Department may waive the requirement for a specific annual performance test. The waiver request is to be submitted prior to the required performance test and must include documentation justifying such action. Documentation should include, but is not limited to, the results of the prior test indicating compliance by a wide margin, documentation of continuing compliance, and further that operations of the source have not changed since the previous performance test.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-174, 40 CFR §63.7)¹

10. For each performance test conducted under Attachment IIB, Special Conditions Nos. F.1, F.2, and F.3, the permittee shall determine a monitored operating parameter value for the vapor processing system using the following procedure:
- a. During the performance test, continuously record the operating parameter (temperature);
 - b. Determine an operating parameter value based on the parameter data monitored during the performance test, supplemented by engineering assessments and the manufacturer's recommendations; and
 - c. Provide for the Department's approval the rationale for the selected operating parameter value, and monitoring frequency and averaging time, including data and calculations used to develop the value and a description of why the value, monitoring frequency, and averaging time demonstrate continuous compliance with the emission standard in 40 CFR §63.422(b).

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-174; 40 CFR §63.650)¹

11. For performance tests performed after the initial test, the permittee shall document the reasons for any change in the operating parameter value since the previous performance test.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-174; 40 CFR §63.650)¹

12. The permittee shall comply with the requirements of 40 CFR §63.425 using the following test methods:

Annual Certification Test – Method 27 (40 CFR §63.425(e)(1))
Annual Certification Test – Internal Vapor Valve (40 CFR §63.425(e)(2))
Leak Detection Test (40 CFR §63.425(f))
Nitrogen Pressure Decay Field Test (40 CFR §63.425(g))
Continuous Performance Pressure Decay Test (40 CFR §63.425(h))

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-174; 40 CFR §63.650)¹

Section G. Agency Notification

Any document (including reports) required to be submitted by this covered source permit shall be in accordance with Attachment I, Standard Condition No. 28.

(Auth.: HAR §11-60.1-4, §11-60.1-90)

¹ The citations to the Code of Federal Regulations (CFR) identified under a particular condition, indicate that the permit condition complies with the specified provision(s) of the CFR. Due to the integration of the pre-construction and operating permit requirements, permit conditions may incorporate more stringent requirements than those set forth in the CFR.

² The citations to the State Implementation Plan (SIP) identified under a particular condition, indicate that the permit condition complies with the specified provision(s) of the SIP.

**ATTACHMENT IIC: SPECIAL CONDITIONS
MISCELLANEOUS EMISSION SOURCES AND REQUIREMENTS
COVERED SOURCE PERMIT NO. 0838-01-C**

Issuance Date:

Expiration Date:

In addition to the standard conditions of the Covered Source Permit, the following special conditions shall apply to the permitted facility:

Section A. Equipment Description

1. This portion of the Covered Source Permit encompasses the requirements for miscellaneous emission sources at the Campbell Terminal not detailed in the Special Conditions of Attachments IIA and IIB. Miscellaneous facility-wide requirements are also listed here.

(Auth.: HAR §11-60.1-3)

Section B. Applicable Federal Regulations

1. All compressors, valves, pumps, pressure relief devices, sampling connection systems, open-ended valves or lines, and flanges or other connectors *in VOC service* as defined in §60.481a of 40 CFR Part 60, Subpart VVa, and for which construction, modification, or reconstruction is commenced after November 7, 2006, at the Campbell Terminal, are subject to the provisions of the following federal regulations:
 - a. 40 CFR Part 60, Standards of Performance for New Stationary Sources, Subpart A, General Provisions.
 - b. 40 CFR Part 60, Standards of Performance for New Stationary Sources, Subpart GGGa, Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for Which Construction, Reconstruction, or Modification Commenced After November 7, 2006.

The permittee shall comply with all applicable requirements of these standards, including all emission limits, notification, reporting, monitoring, testing, and recordkeeping requirements. The major requirements of these standards are detailed in the special conditions of this permit.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161, 40 CFR §60.1, §60.590a)¹

2. All individual drain systems, oil-water separator, and aggregate facility, as defined in §60.691 of 40 CFR Part 60, Subpart QQQ, and for which construction, modification, or reconstruction is commenced after May 4, 1987, at the Campbell Terminal, are subject to the provisions of the following federal regulations:
 - a. 40 CFR Part 60, Standards of Performance for New Stationary Sources, Subpart A, General Provisions.

- b. 40 CFR Part 60, Standards of Performance for New Stationary Sources, Subpart QQQ, Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems.

The permittee shall comply with all applicable requirements of these standards, including all emission limits, notification, reporting, monitoring, testing, and recordkeeping requirements.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161, 40 CFR §60.1, §60.690)¹

3. All Group 1 wastewater streams, as defined in §63.641 of 40 CFR Part 63, Subpart CC, at the Campbell Terminal, are subject to the provisions of the following federal regulations:
 - a. 40 CFR Part 61, National Emission Standard for Hazardous Air Pollutants, Subpart A, General Provisions.
 - b. 40 CFR Part 61, National Emission Standard for Hazardous Air Pollutants, Subpart FF, National Emission Standard for Benzene Waste Operations.

The permittee shall comply with all applicable requirements of these standards, including all emission limits, notification, reporting, monitoring, testing, and recordkeeping requirements. The major requirements of these standards are detailed in the special conditions of this permit.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11.60.1-180, 40 CFR §61.01, §61.340)¹

4. All pumps, compressors, pressure relief devices, sampling connection systems, open-ended valves or lines, valves, or instrumentation systems *in organic hazardous air pollutant service*, as defined in §63.641 of 40 CFR Part 63, Subpart CC, at the Campbell Terminal, are subject to the provisions of the following federal regulations:
 - a. 40 CFR Part 63, National Emission Standards for Hazardous Air Pollutants for Source Categories, Subpart A, General Provisions.
 - b. 40 CFR Part 63, National Emission Standards for Hazardous Air Pollutants for Source Categories, Subpart CC, National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries.

The permittee shall comply with all applicable requirements of these standards, including all emission limits, notification, reporting, monitoring, testing, and recordkeeping requirements. The major requirements of these standards are detailed in the special conditions of this permit.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11.60.1-174, 40 CFR §63.1, §63.640)¹

Section C. Operational and Emission Limitations

1. All pumps and compressors handling volatile organic compounds having a Reid Vapor Pressure (RVP) of 1.5 pounds per square inch (psi) or greater which can be fitted with mechanical seals shall have mechanical seals or other equipment of equal efficiency for purposes of air pollution control as may be approved by the Department. Pumps and compressors not capable of being fitted with mechanical seals, such as reciprocating pumps, shall be fitted with the best sealing system available for air pollution control given the particular design of pump or compressor as may be approved by the Department.

(Auth.: HAR §11-60.1-3, §11-60.1-41, §11-60.1-90)

2. The permittee shall not cause or allow the emissions of gas streams containing volatile organic compounds from a vapor blowdown system unless these gases are burned by smokeless flares, or abated by an equally effective control device as approved by the Department.

(Auth.: HAR §11-60.1-3, §11-60.1-42, §11-60.1-90)

3. Equipment subject to 40 CFR Part 60, Subpart GGGa, and 40 CFR Part 63, Subpart CC
 - a. The permittee shall comply with the requirements of 40 CFR §60.482-1a to §60.482.10a as soon as practicable, but no later than one hundred eighty (180) days after initial startup.
 - b. For a given *process unit* as defined in 40 CFR §60.591a, the permittee may elect to comply with the requirements of 40 CFR §60.592a(b)(1),(2), or (3) as an alternative to the requirements in 40 CFR §60.482-7a.
 - c. The permittee may apply to the Department and U.S. EPA Region 9 for a determination of equivalency for any means of emission limitation that achieves a reduction in emissions of VOC at least equivalent to the reduction in emissions of VOC achieved by the controls required by 40 CFR Part 60, Subpart GGGa. In doing so, the permittee shall comply with the requirements of 40 CFR §60.484a.
 - d. The permittee shall comply with the provisions of 40 CFR §60.485a except as provided in 40 CFR §60.593a.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161, §11-60.1-174, 40 CFR §60.592a, §63.640)¹

4. Wastewater streams in equipment subject to 40 CFR Part 61, Subpart FF, and 40 CFR Part 63, Subpart CC
 - a. The permittee shall comply with the requirements of 40 CFR §61.340 through §61.355.

- b. Each owner or operator required under 40 CFR Part 61, Subpart FF, to perform periodic measurement of benzene concentration in wastewater, or to monitor process or control device operating parameters shall operate in a manner consistent with the minimum or maximum (as appropriate) permitted concentration or operating parameter values. Operation of the process, treatment unit, or control device resulting in a measured concentration or operating parameter value outside the permitted limits shall constitute a violation of the emission standards. Failure to perform required leak monitoring for closed vent systems and control devices or failure to repair leaks within the time period specified in 40 CFR Part 61, Subpart FF, shall constitute a violation of the standard.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-174, §11-60.1-180, 40 CFR §63.647)¹

Section D. Monitoring and Recordkeeping Requirements

1. All records, including support information, shall be true, accurate, and maintained at the facility for at least five (5) years from the date of the monitoring samples, measurements, tests, reports, or application. Support information includes all calibration and maintenance records and copies of all reports required by the permit. These records shall be in a permanent form suitable for inspection and made available to the Department or their representatives upon request.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90)

2. Equipment subject to 40 CFR Part 60, Subpart GGGa, and 40 CFR Part 63, Subpart CC

The permittee shall comply with the recordkeeping provisions of 40 CFR §60.486a.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161, §11-60.1-174, 40 CFR §60.592a, §63.640)¹

3. Fenceline Monitoring for Benzene

- a. The permittee shall conduct sampling along the facility property boundary and analyze the samples in accordance with 40 CFR Part 63, Appendix A, Methods 325A and 325B and 40 CFR §63.658(b) through (k).
- b. The target analyte is benzene.
- c. The permittee shall determine passive monitor locations in accordance with 40 CFR Part 63, Appendix A, Method 325A, Section 8.2.
- d. The permittee shall collect and record meteorological data according to the applicable requirements in 40 CFR §63.658(d)(1) through (3).
- e. The permittee shall use a sampling period and sampling frequency as specified in 40 CFR §63.658(e)(1) through (3).

- f. Within forty-five (45) days of completion of each sampling period, the permittee shall determine whether the results are above or below the action level using the procedures in 40 CFR §63.658(f)(1) through (3).
- g. Within five (5) days of determining that the action level has been exceeded for any annual average Δc and no longer than fifty (50) days after completion of the sampling period, the permittee shall initiate a root cause analysis to determine the cause of such exceedance and to determine appropriate corrective action. The root cause analysis and initial corrective action analysis shall be completed and initial corrective actions taken no later than forty-five (45) days after determining there is an exceedance. Root cause analysis and corrective action may include, but is not limited to:
 - i. Leak inspection using 40 CFR Part 60, Appendix A-7, Method 21, and repairing any leaks found.
 - ii. Leak inspection using optical gas imaging and repairing any leaks found.
 - iii. Visual inspection to determine the cause of the high benzene emissions and implementing repairs to reduce the level of emissions.
 - iv. Employing progressively more frequent sampling, analysis and meteorology (e.g. using shorter sampling periods for 40 CFR Part 63, Appendix A, Methods 325A and 325B, or using active sampling techniques).
- h. If, upon completion of the corrective action analysis and corrective actions such as those described in Attachment IIC, Special Condition No. D.3.g, the Δc value for the next fourteen-day (14-day) sampling period for which the sampling start time begins after the completion of the corrective actions is greater than $9 \mu\text{g}/\text{m}^3$ or if all corrective action measures identified require more than forty-five (45) days to implement, the permittee shall develop a corrective action plan that describes the corrective action(s) completed to date, additional measures that the permittee proposes to employ to reduce fence-line concentrations below the action level, and a schedule for completion of these measures. The permittee shall submit the corrective action plan to the Department within sixty (60) days after receiving the analytical results indicating that the Δc value for the fourteen-day (14-day) sampling period following completion of the initial corrective action is greater than $9 \mu\text{g}/\text{m}^3$ or, if no initial corrective actions were identified, no later than sixty (60) days following the completion of the corrective action analysis required in Attachment IIC, Special Condition No. D.3.g.
- i. The permittee may request approval from the Department for a site-specific monitoring plan to account for offsite upwind sources or onsite sources excluded under 40 CFR §63.640(g) according to the requirements in 40 CFR §63.658(i)(1) through (4).
- j. The permittee shall comply with the recordkeeping requirements in 40 CFR §63.655(i)(8)(i) through (x) on an ongoing basis.
- k. As outlined in 40 CFR §63.7(f), the permittee may submit a request for an alternative test method. At a minimum, the request must follow the requirements outlined in 40 CFR §63.658(k)(1) through (7).

- I. The permittee must achieve compliance on or before January 30, 2018.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-174, 40 CFR §63.640, §63.655(i)(8), §63.658, Table 11(4))¹

Section E. Notification and Reporting Requirements

1. Annual Emissions

As required by Attachment IV and in conjunction with the requirements of Attachment III, Annual Fee Requirements, the permittee shall submit **on an annual basis** the total tons per year emitted of each regulated air pollutant, including hazardous air pollutants. The reporting of annual emissions is due within **sixty (60) days following the end of each calendar year**. The enclosed **Annual Emissions Report Form: Equipment Leaks** or an equivalent form, shall be used in reporting fugitive emissions.

Upon written request of the permittee, the deadline for reporting annual emissions may be extended if the Department of Health determines that reasonable justification exists for the extension.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-90, §11-60.1-114)

2. Additional notification and reporting requirements shall be conducted in accordance with the standard conditions found in Attachment I, Standard Conditions 14, 16, 17, and 24, respectively. These notifications shall include, but not be limited to:

- a. Anticipated date of initial start-up, actual date of construction commencement, and actual date of start-up of Campbell Terminal;
- b. Intent to shutdown air pollution control equipment for necessary scheduled maintenance;
- c. Emissions of air pollutants in violation of HAR, Chapter 11-60.1 or this permit (excluding technology-based emission exceedances due to emergencies); and
- d. Permanent discontinuance of construction, modification, relocation or operation of the facility covered by this permit.

(Auth.: HAR §11-60.1-8, §11-60.1-15, §11-60.1-16, §11-60.1-90)

3. The permittee shall report **within five (5) working days any deviations from permit requirements**, including those attributable to upset conditions, the probable cause of such deviations and any corrective actions or preventative measures taken. Corrective actions may include a requirement for more frequent monitoring, or could trigger implementation of a corrective action plan.

(Auth.: HAR §11-60.1-3, §11-60.1-15, §11-60.1-16, §11-60.1-90)

4. Compliance Certification

During the permit term, the permittee shall submit at least **annually** to the Department and U.S. EPA, Region 9, the attached **Compliance Certification Form**, pursuant to HAR §11-60.1-86. The permittee shall indicate whether or not compliance is being met with each term or condition of this permit. The compliance certification shall be submitted within **sixty (60) days after the end of each calendar year**, and shall be signed and dated by a responsible official. The compliance certification shall include at a minimum the following information:

- a. The identification of each term or condition of the permit that is the basis of the certification;
- b. The compliance status;
- c. Whether compliance was continuous or intermittent;
- d. The methods used for determining the compliance status of the source currently and over the reporting period;
- e. Any additional information indicating the source's compliance status with any applicable enhanced monitoring and compliance certification including the requirements of Section 114(a)(3) of the Clean Air Act or any applicable monitoring and analysis provisions of Section 504(b) of the Clean Air Act; and
- f. Any additional information as required by the Department including information to determine compliance.

Upon written request of the permittee, the deadline for submitting the compliance certification may be extended, if the Department determines that reasonable justification exists for the extension.

(Auth.: HAR §11-60.1-4, §11-60.1-86, §11-60.1-90)

5. Equipment subject to 40 CFR Part 60, Subpart GGGa, and 40 CFR Part 63, Subpart CC

The permittee shall comply with the reporting provisions of 40 CFR §60.487a, including the submittal of semi-annual reports to the Department and U.S. EPA, Region 9. The reports shall be submitted **within sixty (60) days after** the end of each semi-annual calendar period (January 1 - June 30 and July 1 - December 31) beginning six (6) months after the initial startup date of the Campbell Terminal.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161, §11-60.1-174, 40 CFR §60.592a, §63.640)¹

6. The permittee shall comply with the reporting provisions of 40 CFR §63.655, including §63.655(e), (f), (g), and (h).

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-174, 40 CFR §63.655)¹

7. Fenceline Monitoring for Benzene

The permittee shall submit within forty-five (45) calendar days after the end of each quarterly reporting period covered by the periodic report, the following information to the EPA's Compliance and Emissions Data Reporting Interface (CEDRI). CEDRI can be accessed through the EPA's Central Data Exchange (CDX) (<https://cdx.epa.gov/>). The permittee need not transmit this data prior to obtaining twelve (12) months of data.

- a. Individual sample results for each monitor for each sampling period during the quarterly reporting period. For the first reporting period and for any period in which a passive monitor is added or moved, the permittee shall report the coordinates of all of the passive monitoring locations. The permittee shall determine the coordinates using an instrument with an accuracy of at least three (3) meters. Coordinates shall be in decimal degrees with at least five decimal places.
- b. The biweekly annual average concentration difference (Δc) values for benzene for the quarterly reporting period.
- c. Notation for each biweekly value that indicates whether background correction was used, all measurements in the sampling period were below detection, or whether an outlier was removed from the sampling period data set.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-174, 40 CFR §63.655(h)(8))¹

Section F. Agency Notifications

Any document (including reports) required to be submitted by this Covered Source Permit shall be in accordance with Attachment I, Standard Condition No. 28.

(Auth.: HAR §11-60.1-4, §11-60.1-90)

¹The citations to the Code of Federal Regulations (CFR) identified under a particular condition, indicate that the permit condition complies with the specified provision(s) of the CFR. Due to the integration of the preconstruction and operating permit requirements, permit conditions may incorporate more stringent requirements than those set forth in the CFR.

²The citations to the State Implementation Plan (SIP) identified under a particular condition, indicate that the permit condition complies with the specified provision(s) of the SIP.

**ATTACHMENT II - INSIG: SPECIAL CONDITIONS
INSIGNIFICANT ACTIVITIES
COVERED SOURCE PERMIT NO. 0838-01-C**

Issuance Date:

Expiration Date:

In addition to the Standard Conditions of the Covered Source Permit, the following Special Conditions shall apply to the permitted facility:

Section A. Equipment Description

This attachment encompasses the following insignificant activities:

1. One (1) 10,000 gallon fixed roof tank no. 20 storing IVD additive;
2. One (1) 10,000 gallon fixed roof tank no. 21 storing IVD additive;
3. One (1) 10,000 gallon fixed roof tank no. 22 storing lubricity additive;
4. One (1) 10,000 gallon fixed roof petroleum contact water (PCW) tank;
5. One (1) 10,000 gallon fixed roof oil-water separator tank;
6. One (1) 350 gallon tote tank no. 1 – red dye fuel additive;
7. One (1) 350 gallon tote tank no. 2 – anti-static fuel additive; and
8. One (1) emergency diesel engine generator, 1490 bhp, Tier 2, or greater.

(Auth.: HAR §11-60.1-3)

Section B. Operational Limitations

1. The permittee shall take measures to operate applicable insignificant activities in accordance with the provisions of HAR, Subchapter 2, for visible emissions, fugitive dust, incineration, process industries, sulfur oxides from fuel combustion, storage of volatile organic compounds, volatile organic compound water separation, pump and compressor requirements, and waste gas disposal.

(Auth.: HAR §11-60.1-3, §11-60.1-82, §11-60.1-90)

2. The Department may at any time require the permittee to further abate emissions if an inspection indicates poor or insufficient controls.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-82, §11-60.1-90)

Section C. Monitoring and Recordkeeping Requirements

1. The Department reserves the right to require monitoring, recordkeeping, or testing of any insignificant activity to determine compliance with the applicable requirements.

(Auth.: HAR §11-60.1-3, §11-60.1-90)

2. All records shall be true, accurate and maintained for at least **five (5) years** from the date of any required monitoring, recordkeeping, testing, or reporting. These records shall be in a permanent form suitable for inspection and made available to the Department or their authorized representative upon request.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90)

Section D. Notification and Reporting

Compliance Certification

During the permit term, the permittee shall submit at least **annually** to the Department and U.S. EPA, Region 9, the attached **Compliance Certification Form**, pursuant to HAR §11-60.1-86. The permittee shall indicate whether or not compliance is being met with each term or condition of this permit. The compliance certification shall include, at a minimum, the following information:

1. The identification of each term or condition of the permit that is the basis of the certification;
2. The compliance status;
3. Whether compliance was continuous or intermittent;
4. The methods used for determining the compliance status of the source currently and over the reporting period;
5. Any additional information indicating the source's compliance status with any applicable enhanced monitoring and compliance certification including the requirements of Section 114(a)(3) of the Clean Air Act or any applicable monitoring and analysis provisions of Section 504(b) of the Clean Air Act;
6. Brief description of any deviations including identifying as possible exceptions to compliance and periods during which compliance is required and which the excursion or exceedances as defined in 40 CFR 64 occurred; and
7. Any additional information as required by the Department including information to determine compliance.

The compliance certification shall be submitted **within sixty (60) days** after the end of each calendar year, and shall be signed and dated by a responsible official.

Upon written request of the permittee, the deadline for submitting the compliance certification may be extended, if the Department determines that reasonable justification exists for the extension.

In lieu of addressing each emission unit as specified in the **Compliance Certification Form**, the permittee may address insignificant activities as a single unit provided compliance is met with all applicable requirements. If compliance is not totally attained, the permittee shall identify the specific insignificant activity and provide the details associated with the noncompliance.

(Auth.: HAR §11-60.1-4, §11-60.1-86, §11-60.1-90)

CSP No. 0838-01-C
Attachment II-INSIG
Page 3 of 3
Issuance Date:
Expiration Date:

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Section E. Agency Notification

Any document (including reports) required to be submitted by this Covered Source Permit shall be done in accordance with Attachment I, Standard Condition No. 28.

(Auth.: HAR §11-60.1-4, §11-60.1-90)

**ATTACHMENT III: ANNUAL FEE REQUIREMENTS
COVERED SOURCE PERMIT NO. 0838-01-C**

Issuance Date:

Expiration Date:

The following requirements for the submittal of annual fees are established pursuant to Hawaii Administrative Rules (HAR), Title 11, Chapter 60.1, Air Pollution Control. Should HAR, Chapter 60.1, be revised such that the following requirements are in conflict with the provisions of HAR, Chapter 60.1, the permittee shall comply with the provisions of HAR, Chapter 60.1:

1. Annual fees shall be paid in full:
 - a. Within **one hundred twenty (120) days** after the end of each calendar year; and
 - b. Within **thirty (30) days** after the permanent discontinuance of the covered source.
2. The annual fees shall be determined and submitted in accordance with Hawaii Administrative Rules, Chapter 11-60.1, Subchapter 6.
3. The annual emissions data for which the annual fees are based shall accompany the submittal of any annual fees and be submitted on forms furnished by the Department.
4. The annual fees and the emission data shall be mailed to:

**Clean Air Branch
Environmental Management Division
Hawaii Department of Health
919 Ala Moana Boulevard, Room 203
Honolulu, HI 96814**

**ATTACHMENT IV: ANNUAL EMISSIONS REPORTING REQUIREMENTS
COVERED SOURCE PERMIT NO. 0838-01-C**

Issuance Date:

Expiration Date:

In accordance with the Hawaii Administrative Rules, Title 11, Chapter 60.1, Air Pollution Control, the permittee shall report to the Department of Health the nature and amounts of emissions.

1. Complete the attached form(s):

Annual Emissions Report Form: Internal Floating Roof Storage Tanks

Annual Emissions Report Form: Tank Truck Load Rack

Annual Emissions Report Form: Equipment Leaks

2. The reporting period shall be from January 1 to December 31 of each year. All reports shall be submitted to the Department within **sixty (60) days** after the end of each calendar year and shall be mailed to the following address:

**Clean Air Branch
Environmental Management Division
Hawaii Department of Health
919 Ala Moana Boulevard, Room 203
Honolulu, HI 96814**

3. The permittee shall retain the information submitted, including all emission calculations. These records shall be in a permanent form suitable for inspection, retained for a minimum of five (5) years, and made available to the Department upon request.
4. Any information submitted to the Department without a request for confidentiality shall be considered public record.
5. In accordance with HAR, Section 11-60.1-14, the permittee may request confidential treatment of specific information, including information concerning secret processes or methods of manufacture, by submitting a written request to the Director and clearly identifying the specific information that is to be accorded confidential treatment.

**COMPLIANCE CERTIFICATION FORM
COVERED SOURCE PERMIT NO. 0838-01-C
PAGE 1 OF ____**

Issuance Date: _____

Expiration Date: _____

In accordance with the Hawaii Administrative Rules, Title 11, Chapter 60.1, Air Pollution Control, the permittee shall report to the Department of Health the following certification at least annually or more frequently as requested by the Department:

(Make Copies of the Compliance Certification Form for Future Use)

For Period: _____ Date: _____

Company/Facility Name: _____

Responsible Official (print): _____

Title : _____

Responsible Official (signature): _____

I certify that I have knowledge of the facts herein set forth, that the same are true, accurate and complete to the best of my knowledge and belief, and that all information not identified by me as confidential in nature shall be treated by Department of Health as public record. I further state that I will assume responsibility for the construction, modification, or operation of the source in accordance with the Hawaii Administrative Rules, Title 11, Chapter 60.1, Air Pollution Control, and any permit issued thereof.

**COMPLIANCE CERTIFICATION FORM
COVERED SOURCE PERMIT NO. 0838-01-C
(CONTINUED, PAGE 2 OF ___)**

Issuance Date:

Expiration Date:

The purpose of this form is to evaluate whether or not the facility was in compliance with the permit terms and conditions during the covered period. If there were any deviations to the permit terms and conditions during the covered period, the deviation(s) shall be certified as *intermittent compliance* for the particular permit term(s) or condition(s). Deviations include failure to monitor, record, report, or collect the minimum data required by the permit to show compliance. In the absence of any deviation, the particular permit term(s) or condition(s) may be certified as *continuous compliance*.

Instructions:

Please certify Sections A, B, and C below for continuous or intermittent compliance. Sections A and B are to be certified as a group of permit conditions. Section C shall be certified individually for each operational and emissions limit condition as listed in the Special Conditions section of the permit (list all applicable equipment for each condition). Any deviations shall also be listed individually and described in Section D. The facility may substitute its own generated form in verbatim for Sections C and D.

A. Attachment I, Standard Conditions

| <u>Permit term/condition</u> | <u>Equipment</u> | <u>Compliance</u> |
|------------------------------|------------------------------------|--|
| All standard conditions | All Equipment listed in the permit | <input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent |

B. Special Conditions - Monitoring, Recordkeeping, Reporting, Testing, and INSIG

| | | |
|--|--|---|
| <u>Permit term/condition</u> All monitoring conditions | <u>Equipment</u> All Equipment listed in the permit | <u>Compliance</u> <input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent |
| <u>Permit term/condition</u> All recordkeeping conditions | <u>Equipment</u> All Equipment listed in the permit | <u>Compliance</u> <input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent |
| <u>Permit term/condition</u> All reporting conditions | <u>Equipment</u> All Equipment listed in the permit | <u>Compliance</u> <input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent |
| <u>Permit term/condition</u> All testing conditions | <u>Equipment</u> All Equipment listed in the permit | <u>Compliance</u> <input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent |
| <u>Permit term/condition</u> All INSIG conditions | <u>Equipment</u> All Equipment listed in the permit | <u>Compliance</u> <input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent |

| | |
|---|-------------------------|
| COMPLIANCE CERTIFICATION FORM COVERED SOURCE PERMIT NO. 0838-01-C (CONTINUED, PAGE ____ OF ____) | |
| Issuance Date: | Expiration Date: |

C. Special Conditions - Operational and Emissions Limitations

Each permit term/condition shall be identified in chronological order using attachment and section numbers (e.g., Attachment II, B.1, Attachment IIA, Special Condition No. B.1.f, etc.). Each equipment shall be identified using the description stated in Section A of the Special Conditions (e.g., unit no., model no., serial no., etc.). Check all methods (as required by permit) used to determine the compliance status of the respective permit term/condition.

| <u>Permit term/condition</u> | <u>Equipment(s)</u> | <u>Method</u> | <u>Compliance</u> |
|------------------------------|---------------------|---|--|
| | | <input type="checkbox"/> monitoring <input type="checkbox"/> recordkeeping <input type="checkbox"/> reporting <input type="checkbox"/> testing <input type="checkbox"/> none of the above | <input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent |
| | | <input type="checkbox"/> monitoring <input type="checkbox"/> recordkeeping <input type="checkbox"/> reporting <input type="checkbox"/> testing <input type="checkbox"/> none of the above | <input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent |
| | | <input type="checkbox"/> monitoring <input type="checkbox"/> recordkeeping <input type="checkbox"/> reporting <input type="checkbox"/> testing <input type="checkbox"/> none of the above | <input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent |
| | | <input type="checkbox"/> monitoring <input type="checkbox"/> recordkeeping <input type="checkbox"/> reporting <input type="checkbox"/> testing <input type="checkbox"/> none of the above | <input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent |
| | | <input type="checkbox"/> monitoring <input type="checkbox"/> recordkeeping <input type="checkbox"/> reporting <input type="checkbox"/> testing <input type="checkbox"/> none of the above | <input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent |
| | | <input type="checkbox"/> monitoring <input type="checkbox"/> recordkeeping <input type="checkbox"/> reporting <input type="checkbox"/> testing <input type="checkbox"/> none of the above | <input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent |
| | | <input type="checkbox"/> monitoring <input type="checkbox"/> recordkeeping <input type="checkbox"/> reporting <input type="checkbox"/> testing <input type="checkbox"/> none of the above | <input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent |

(Make Additional Copies if Needed)

**COMPLIANCE CERTIFICATION FORM
COVERED SOURCE PERMIT NO. 0838-01-C
(CONTINUED, PAGE ___ OF ___)**

Issuance Date:

Expiration Date:

D. Deviations

| <u>Permit Term/ Condition</u> | <u>Equipment(s) / Brief Summary of Deviation</u> | <u>Deviation Period time (am/pm) & date (mo/day/yr)</u> | <u>Date of Written Deviation Report to DOH (mo/day/yr)</u> |
|-----------------------------------|--|---|--|
| | | Beginning: Ending: | |

*Identify as possible exceptions to compliance any periods during which compliance is required and in which an excursion or exceedance as defined under 40 CFR 64 occurred.

(Make Additional Copies if Needed)

**ANNUAL EMISSIONS REPORT FORM
INTERNAL FLOATING ROOF STORAGE TANKS
COVERED SOURCE PERMIT NO. 0838-01-C
(PAGE 1 OF 3)**

Issuance Date: _____

Expiration Date: _____

In accordance with the Hawaii Administrative Rules, Title 11, Chapter 60.1, Air Pollution Control, the permittee shall report to the Department of Health the nature and amounts of emissions.

For Reporting Period: _____ Date: _____

Company: _____

Facility Name: _____

I certify that I have knowledge of the facts herein set forth, that the same are true, accurate and complete to the best of my knowledge and belief, and that all information not identified by me as confidential in nature shall be treated by the Department of Health as public record.

Responsible Official (print): _____

Title and Phone Number: _____

Responsible Official (signature): _____

| TANK NUMBER | 1 | 2 | 3 | 4 | 5 |
|-----------------------------|---|---|---|---|---|
| TANK CAPACITY (gallons) | | | | | |
| TANK DIAMETER (ft) | | | | | |
| TANK EXTERIOR COLOR | | | | | |
| NO. OF TURNOVERS | | | | | |
| PRODUCT TYPE | | | | | |
| REID VAPOR PRESSURE (psia) | | | | | |
| TRUE VAPOR PRESSURE (psia) | | | | | |
| VAPOR MOLECULAR WEIGHT | | | | | |
| DISTILLATION SLOPE | | | | | |
| AVG. STORAGE TEMP. (°F) | | | | | |
| ANNUAL THROUGHPUT (gallons) | | | | | |

**ANNUAL EMISSIONS REPORT FORM
INTERNAL FLOATING ROOF STORAGE TANKS
COVERED SOURCE PERMIT NO. 0838-01-C
(CONTINUED, PAGE 2 OF 3)**

Issuance Date:

Expiration Date:

| TANK NUMBER | 7 | 8 | 9 | 10 | 11 |
|-----------------------------|----------|----------|----------|-----------|-----------|
| TANK CAPACITY (gallons) | | | | | |
| TANK DIAMETER (ft) | | | | | |
| TANK EXTERIOR COLOR | | | | | |
| NO. OF TURNOVERS | | | | | |
| PRODUCT TYPE | | | | | |
| REID VAPOR PRESSURE (psia) | | | | | |
| TRUE VAPOR PRESSURE (psia) | | | | | |
| VAPOR MOLECULAR WEIGHT | | | | | |
| DISTILLATION SLOPE | | | | | |
| AVG. STORAGE TEMP. (°F) | | | | | |
| ANNUAL THROUGHPUT (gallons) | | | | | |

**ANNUAL EMISSIONS REPORT FORM
INTERNAL FLOATING ROOF STORAGE TANKS
COVERED SOURCE PERMIT NO. 0838-01-C
(CONTINUED, PAGE 3 OF 3)**

Issuance Date: _____

Expiration Date: _____

COMPLETE THIS SHEET FOR EACH STORAGE TANK (Make Copies As Needed)

TANK NO. _____

| DECK FITTINGS | | | |
|--|-------|--------------------------------------|-------|
| Access hatch (24" dia) | QTY | Gauge-hatch/sample port | QTY |
| bolted cover, gasket | _____ | Weighted mechanical, gasket | _____ |
| unbolted cover, gasket | _____ | Weighted mechanical, ungasketed | _____ |
| unbolted cover, no gasket | _____ | Slit fabric seal, 10% open area | _____ |
| Fixed roof support column well | QTY | Vacuum breaker | QTY |
| Round pipe, ungasketed sliding cover | _____ | Weighted mechanical, ungasketed | _____ |
| Round pipe, gasketed sliding cover | _____ | Weighted mechanical, gasketed | _____ |
| Round pipe, flex fabric sleeve seal | _____ | Deck drain (3" dia.) | QTY |
| Built-up col., ungasketed sliding cover | _____ | Open | _____ |
| Built-up col., gasketed sliding cover | _____ | 90% closed | _____ |
| Unslotted guide-pole and well | QTY | Stub drain | _____ |
| Ungasketed sliding cover | _____ | Deck leg | QTY |
| Ungasketed sliding cover w/ pole sleeve | _____ | Adjustable, internal floating | _____ |
| Gasketed sliding cover | _____ | Adjustable, pontoon area, ungasketed | _____ |
| Gasketed sliding cover w/pole wiper | _____ | Adjustable, pontoon area, gasketed | _____ |
| Gasketed sliding cover w/pole sleeve | _____ | Adjustable, pontoon area, sock | _____ |
| Slotted guide-pole/sample well | QTY | Adjustable, center area, ungasketed | _____ |
| Ungasketed or gasketed sliding cover | _____ | Adjustable, center area, gasketed | _____ |
| Ungasketed or gasketed sliding cover w/float | _____ | Adjustable, center area, sock | _____ |
| Gasketed sliding cover w/pole wiper | _____ | Adjustable, double deck roofs | _____ |
| Gasketed sliding cover w/pole sleeve | _____ | Rim vent | QTY |
| Gasketed sliding cover w/float & pole wiper | _____ | Weighted mechanical, ungasketed | _____ |
| Gasketed sliding cover w/float, wiper & sleeve | _____ | Weighted mechanical, gasketed | _____ |
| Automatic gauge float well | QTY | Ladder well | QTY |
| unbolted cover, ungasketed | _____ | Sliding cover, ungasketed | _____ |
| unbolted cover, gasket | _____ | Sliding cover, gasketed | _____ |
| bolted cover, gasket | _____ | | |

Type of deck (check one)

- ___ Column-supported fixed roof with bolted deck, total length of deck seams _____ ft
- ___ Column-supported fixed roof with welded deck
- ___ Self-supporting fixed roof with bolted deck, total length of deck seams _____ ft
- ___ Self-supporting fixed roof with welded deck
- ___ Other, describe _____ total length of deck seams _____ ft

Type of rim-seal system (check all that apply)

- | | | |
|----------------------------|---------------------------|---------------------------|
| ___ Mechanical shoe seal | ___ Liquid mounted seal | ___ Vapor mounted seal |
| ___ Primary only | ___ Primary only | ___ Primary only |
| ___ Shoe mounted secondary | ___ Weather shield | ___ Weather shield |
| ___ Rim mounted secondary | ___ Rim mounted secondary | ___ Rim mounted secondary |

**ANNUAL EMISSIONS REPORT FORM
TANK TRUCK LOAD RACK
COVERED SOURCE PERMIT NO. 0838-01-C**

Issuance Date: _____**Expiration Date:** _____

In accordance with HAR, Title 11, Chapter 60.1, Air Pollution Control, the permittee shall report to the Department of Health the nature and amounts of emissions.

(Make Copies for Additional Use)

For Reporting Period: _____ Date: _____

Company: _____

Facility Name: _____

I certify that I have knowledge of the facts herein set forth, that the same are true, accurate and complete to the best of my knowledge and belief, and that all information not identified by me as confidential in nature shall be treated by the Department of Health as public record.

Responsible Official (print): _____

Title and Phone Number: _____

Responsible Official (signature): _____

Report the product throughput for the reporting period in the following table:

| Product | Total Throughput (barrels/yr) |
|----------|----------------------------------|
| Gasoline | |
| Ethanol | |
| Diesel | |
| Jet Fuel | |
| Transmix | |

**ANNUAL EMISSIONS REPORT FORM
EQUIPMENT LEAKS
COVERED SOURCE PERMIT NO. 0838-01-C**

Issuance Date: _____

Expiration Date: _____

In accordance with the Hawaii Administrative Rules, Title 11, Chapter 60.1, Air Pollution Control, the permittee shall report to the Department of Health the nature and amounts of emissions.

(Make Copies for Future Use)

For Period: _____ Date: _____

Facility Name: _____

Equipment Location: _____

Equipment Description: _____

Equipment Capacity/Rating (specify units): _____
(Units such as Horsepower, kilowatt, tons/hour, Btu/hr, etc.)

Serial/ID No.: _____

I certify that I have knowledge of the facts herein set forth, that the same are true, accurate and complete to the best of my knowledge and belief, and that all information not identified by me as confidential in nature shall be treated by the Department of Health as public record.

Responsible Official (print): _____

Title and Phone Number: _____

Responsible Official (signature): _____

| EMISSION SOURCE ¹ | ANNUAL PROCESS RATE ² | NOTES |
|-------------------------------------|---|--------------|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

¹Specify emission source. For example, list wastewater treatment unit, flare, valves, flanges, compressor seals, etc.

²Specify annual process rate. For example, list gallons wastewater/yr, etc.

**MONITORING REPORT FORM
TANK TRUCK LOAD RACK
COVERED SOURCE PERMIT NO. 0838-01-C**

Issuance Date: _____

Expiration Date: _____

In accordance with HAR, Title 11, Chapter 60.1, Air Pollution Control, the permittee shall report to the Department of Health and U.S. EPA, Region 9, the following information semi-annually:

(Make Copies for Additional Use)

For Reporting Period: _____ Date: _____

Company: _____

Facility Name: _____

I certify that I have knowledge of the facts herein set forth, that the same are true, accurate and complete to the best of my knowledge and belief, and that all information not identified by me as confidential in nature shall be treated by the Department of Health as public record.

Responsible Official (print): _____

Title and Phone Number: _____

Responsible Official (signature): _____

1. Report the petroleum tank truck load rack throughput for the reporting period:

| Month | Gasoline Monthly (barrels) | Gasoline Rolling 12 Mo. (barrels) | Ethanol Monthly (barrels) | Ethanol Rolling 12 Mo. (barrels) | Diesel Monthly (barrels) | Diesel Rolling 12 Mo. (barrels) | Jet Fuel Monthly (barrels) | Jet Fuel Rolling 12 Mo. (barrels) | Transmix Monthly (barrels) | Transmix Rolling 12 Mo. (barrels) |
|-----------|----------------------------|-----------------------------------|---------------------------|----------------------------------|--------------------------|---------------------------------|----------------------------|-----------------------------------|----------------------------|-----------------------------------|
| January | | | | | | | | | | |
| February | | | | | | | | | | |
| March | | | | | | | | | | |
| April | | | | | | | | | | |
| May | | | | | | | | | | |
| June | | | | | | | | | | |
| July | | | | | | | | | | |
| August | | | | | | | | | | |
| September | | | | | | | | | | |
| October | | | | | | | | | | |
| November | | | | | | | | | | |
| December | | | | | | | | | | |

2. Identify deviations from permit requirements.

**VISIBLE EMISSIONS FORM REQUIREMENTS
STATE OF HAWAII
COVERED SOURCE PERMIT NO. 0838-01-C**

Issuance Date:

Expiration Date:

The ***Visible Emissions (VE) Form*** shall be completed **monthly** (*each calendar month*) for each equipment subject to opacity limits in accordance with 40 CFR Part 60, Appendix A, Method 9. VE observations shall be conducted for each equipment subject to opacity limits by a certified reader in accordance with Method 9. The VE Form shall be completed as follows:

1. VE observations shall take place during the day only. The opacity shall be noted in five (5) percent increments (e.g., 25%).
2. Orient the sun within a one hundred forty (140) degree sector to your back. Provide a source layout sketch on the VE Form using the symbols as shown.
3. For VE observations of stacks, stand at least three (3) stack heights but not more than a quarter mile from the stack.
4. For VE observations of fugitive emissions from crushing and screening plants, stand at least 4.57 meters (15 feet) from the visible emissions source, but not more than a quarter mile from the visible emission source.
5. Two (2) consecutive six (6) minute observations shall be taken at fifteen (15) second intervals for each stack or emission point.
6. The six (6) minute average opacity reading shall be calculated for each observation.
7. If possible, the observations shall be performed as follows:
 - a. Read from where the line of sight is at right angles to the wind direction.
 - b. The line of sight shall not include more than one (1) plume at a time.
 - c. Read at the point in the plume with the greatest opacity (without condensed water vapor), ideally while the plume is no wider than the stack diameter.
 - d. Read the plume at fifteen (15) second intervals only. Do not read continuously.
 - e. The equipment shall be operating at the maximum permitted capacity.
8. If the equipment was shut-down for that period, briefly explain the reason for shut-down in the comment column.

The permittee shall retain the completed VE Forms for recordkeeping. These records shall be in a permanent form suitable for inspection, retained for a minimum of five (5) years, and made available to the Department, or their representative upon request.

Any required initial and annual performance test performed in accordance with Method 9 by a certified reader shall satisfy the respective equipment's VE monitoring requirements for the month the performance test is performed.

| | |
|--|-------------------------------|
| VISIBLE EMISSIONS FORM | |
| COVERED SOURCE PERMIT NO. 0838-01-C | |
| Issuance Date: _____ | Expiration Date: _____ |

(Make Copies for Future Use for Each Stack or Emission Point)

Company Name: _____

For stacks, describe equipment and fuel: _____

For fugitive emissions from crushers and screens, describe:

Fugitive emission point: _____

Plant Production (tons/hr): _____

(During observation)



Draw North Arrow



Site Conditions:

Emission point or stack height above ground (ft): _____

Emission point or stack distance from observer (ft): _____

Emission color (black or white): _____

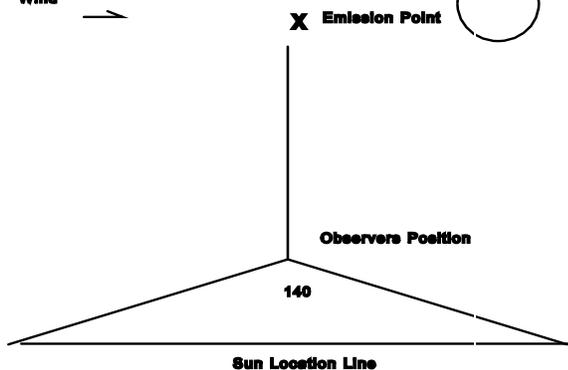
Sky conditions (% cloud cover): _____

Wind speed (mph): _____

Temperature (EF): _____

Observer Name: _____

Certified? (Yes/No): _____



Observation Date and Start Time: _____

| MINUTES | Seconds | | | | COMMENTS |
|---|---------|----|----|----|----------|
| | 0 | 15 | 30 | 45 | |
| 1 | | | | | |
| 2 | | | | | |
| 3 | | | | | |
| 4 | | | | | |
| 5 | | | | | |
| 6 | | | | | |
| Six (6) Minute Average Opacity Reading (%): | | | | | |

Observation Date and Start Time: _____

| MINUTES | Seconds | | | | COMMENTS |
|---|---------|----|----|----|----------|
| | 0 | 15 | 30 | 45 | |
| 1 | | | | | |
| 2 | | | | | |
| 3 | | | | | |
| 4 | | | | | |
| 5 | | | | | |
| 6 | | | | | |
| Six (6) Minute Average Opacity Reading (%): | | | | | |