

Issuance Date

**CERTIFIED MAIL**  
**RETURN RECEIPT REQUESTED**  
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14-xxxE CAB  
File No. 0370

Mr. Sayle Hirashima  
CFO/VP  
Mid Pac Petroleum, LLC  
1100 Alakea Street, 8<sup>th</sup> Floor  
Honolulu, Hawaii 96813

Dear Mr. Hirashima:

**Subject: Covered Source Permit (CSP) No. 0370-02-C**  
**Application for Initial Permit No. 0370-04**  
**Mid Pac Petroleum, LLC**  
**Kauai Petroleum Company, Ltd.**  
**Petroleum Bulk Loading Terminal**  
**Located At: 3185 Waapa Road, Lihue, Kauai**  
**Date of Expiration: Issuance Date + 5 years**

The subject covered source permit is issued in accordance with Hawaii Administrative Rules, Title 11, Chapter 60.1. The issuance of this permit is based on the plans, specifications, and information submitted as part of your initial application received on September 29, 2014, and additional information received on October 29, 2014, and October 31, 2009. A receipt for the application filing fee of \$1,000.00 is enclosed.

The covered source permit 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 - Equipment in Gasoline Service
- Attachment IID: Special Conditions - Diesel Engine Generator
- Attachment II - INSIG: Special Conditions - Insignificant Activities
- Attachment III: Annual Fee Requirements
- Attachment IV: Annual Emissions Reporting Requirements

Mr. Sayle Hirashima  
Issuance Date  
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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: Diesel Engine Generator
- Monitoring Report Form: Internal Floating Roof Storage Tanks
- Monitoring Report Form: Tank Truck Load Rack
- Monitoring Report Form: Flare Hours of Operation
- Monitoring Report Form: Equipment Leaks
- Monitoring Report Form: Malfunctions
- Monitoring Report Form: Diesel Engine Generator Hours of Operation
- Monitoring Report Form: Diesel Engine Generator Fuel Certification
- Monitoring Report Form: Opacity Exceedances
- Excess Emissions Report Form: Equipment Leaks

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:nn  
Enclosures

c: Logan Kastner, EHS – Kauai  
CAB Monitoring Section

**ATTACHMENT I: STANDARD CONDITIONS  
COVERED SOURCE PERMIT NO. 0370-02-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)<sup>2</sup>
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)<sup>2</sup>
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)<sup>2</sup>

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)<sup>2</sup>

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)<sup>2</sup>

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))<sup>1</sup>

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)

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<sup>1</sup>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 preconstruction and operating permit requirements, permit conditions may incorporate more stringent requirements than those set forth in the CFR.

<sup>2</sup>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 IIA: SPECIAL CONDITIONS  
PETROLEUM STORAGE TANKS  
COVERED SOURCE PERMIT NO. 0370-02-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. Tank No. 1 – 7,300 barrel internal floating roof petroleum storage tank;
- b. Tank No. 4 – 7,500 barrel internal floating roof petroleum storage tank; and
- c. Tank No. 9 – 3,100 barrel internal floating roof petroleum storage tank.

(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 no. 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 Tank Nos. 1, 4, and 9

The petroleum storage tanks are subject to the provisions of the following federal regulations when storing gasoline:

- a. 40 Code of Federal Regulations (CFR) Part 63, National Emission Standards for Hazardous Air Pollutants for Source Categories, Subpart A, General Provisions; and
- b. 40 CFR Part 63, Subpart BBBB, National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-174; 40 CFR §63.1, §63.11081)<sup>1</sup>

2. The permittee shall comply with all applicable requirements of the standards listed above, 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 Limitations**

1. Construction and Operation (Tank Nos. 1, 4, and 9)

The petroleum storage tanks shall be equipped with an internal floating roof and meet the following specifications:

- a. The true vapor pressure of the volatile organic liquid (VOL) stored inside the petroleum storage tanks shall be maintained below eleven (11) pounds per square inch absolute (psia) at all times;
- b. The petroleum storage tanks shall meet the following requirements when storing gasoline. Equip each internal floating roof gasoline storage tank according to the requirements of 40 CFR §60.112b(a)(1), except for the secondary seal requirements under 40 CFR §60.112b(a)(1)(ii)(B) and the requirements in 40 CFR §60.112b(a)(1)(iv) through (ix); and
- c. The permittee shall be in compliance with the applicable requirements specified in Attachment IIA, Special Condition No. C.1.b, for the internal floating roof storage tanks at the first degassing and cleaning activity after January 10, 2011, or by January 10, 2018, whichever is first.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-174; 40 CFR §63.11087)<sup>1</sup>

**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 (Tank Nos. 1, 4, and 9)

Internal floating roof storage tank inspections of the floating roof systems shall be performed according to the requirements of 40 CFR §60.113b(a).

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-174; 40 CFR §63.11092)<sup>1</sup>

4. Records (Tank Nos. 1, 4, and 9)

When storing gasoline, the permittee shall keep records for each gasoline storage tank in accordance with 40 CFR §60.115b. For each petroleum storage tank, the following records shall also be maintained at the facility:

- a. 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;
- b. Type of seal(s);
- c. Type of VOL stored, the period of storage, and the maximum true vapor pressure (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; and
- d. Each inspection and corrective action performed; including records of the storage tank identification no., the date the tank was inspected, the observed condition of each component of the control equipment (seals, internal floating roof, fittings, etc.), and any repairs made.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-11, §11-60.1-90, §11-60.1-174, 40 CFR §63.11094)<sup>1</sup>

5. Malfunctions

The permittee shall keep the following records for malfunctions:

- a. Records of the occurrence and duration of each malfunction of operation (i.e., process equipment) or the air pollution control and monitoring equipment.
- b. Records of actions taken during periods of malfunction to minimize emissions in accordance with 40 CFR §63.11085(a), including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-174; 40 CFR §63.11094)<sup>1</sup>

**Section E. Notification and Reporting Requirements**

1. Standard Condition Reporting

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

- a. Emissions of air pollutants in violation of HAR, Chapter 11-60.1 or this permit (excluding technology-based emission exceedances due to emergencies); and
- b. 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. 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)

3. 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)

#### 4. Notifications

- a. The permittee shall submit to the Department and U.S. EPA, Region 9, a Notification of Compliance Status as specified in 40 CFR §63.9(h). The Notification of Compliance Status must specify which compliance options included in Table 1 of 40 CFR Part 63, Subpart BBBBBB, is used to comply with Subpart BBBBBB. The Notification of Compliance Status shall be submitted in accordance with Attachment IIA, Special Condition No. E.3.
- b. The permittee shall submit to the Department and U.S. EPA, Region 9, additional notifications specified in 40 CFR §63.9, as applicable.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90, §11-60.1-174; 40 CFR §63.11093)<sup>1</sup>

#### 5. 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, §11-60.1-90, §11-60.1-114)

#### 6. 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. A compliance report for Tank Nos. 1, 4, and 9. The enclosed **Monitoring Report Form: Internal Floating Roof Storage Tanks** shall be used for reporting.
- b. The number, duration, and a brief description of each type of malfunction which occurred during the reporting period and which caused or may have caused any applicable emission limitation to be exceeded. Include a description of actions taken by the permittee during a malfunction to minimize emissions in accordance with

- 40 CFR §63.11085(a), including actions taken to correct a malfunction. The enclosed **Monitoring Report Form: Malfunctions** shall be used for reporting.
- c. Any deviations from permit requirements shall be clearly identified.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-174; 40 CFR §63.11095)<sup>1</sup>

**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)

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<sup>1</sup>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.

<sup>2</sup>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 IIB: SPECIAL CONDITIONS  
TANK TRUCK LOAD RACK  
COVERED SOURCE PERMIT NO. 0370-02-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:
  - a. One (1) bottom-loading petroleum tank truck load rack with four (4) to six (6) product arms and associated appurtenances; and
  - b. One (1) air-assisted flare with a stack height of 32.0 feet (with shroud) located at primary location or 13.1 feet located at alternate location. Primary and alternate locations are as indicated in the covered source permit application.

(Auth.: HAR §11-60.1-3)

2. An identification tag or nameplate shall be displayed on the equipment to show the model number, serial number, and manufacturer. The identification tag or nameplate shall be attached to the equipment in a permanent and 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 when loading gasoline:
  - a. 40 CFR Part 63, National Emission Standards for Hazardous Air Pollutants for Source Categories, Subpart A, General Provisions;
  - b. 40 CFR Part 63, Subpart BBBBBB, National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities;
  - c. 40 CFR Part 60, Standards of Performance for New Stationary Sources, Subpart A, General Provisions; and
  - d. 40 CFR Part 60, Subpart XX, Standards of Performance for Bulk Gasoline Terminals.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161, §11-60.1-174; 40 CFR §60.1, §60.500, §63.1, §63.11081)<sup>1</sup>

2. The permittee shall comply with all applicable requirements of the standards listed above, 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 Limitations**

1. The maximum throughput of the petroleum tank truck load rack shall not exceed 949,000 barrels of gasoline/naphtha, 793,000 barrels of jet fuel, 219,000 barrels of diesel, and 94,900 barrels of ethanol, per any rolling twelve-month (12-month) period.

(Auth.: HAR §11-60.1-3, §11.60.1-5, §11-60.1-90)

2. The permittee shall use submerged filling at the petroleum tank truck load rack with a submerged fill pipe that is no more than six (6) inches from the bottom of the cargo tank.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-174; 40 CFR §63.11088, Table 2)<sup>1</sup>

3. The total hours of operation of the flare shall not exceed 2,920 hours in any rolling twelve-month (12-month) period.

(Auth.: HAR §11-60.1-3, §11.60.1-5, §11-60.1-90)

4. The permittee shall install, maintain, and operate the flare 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)

5. The flare shall be connected, fully functional and operational at all times whenever the petroleum tank truck load rack is in operation loading gasoline/naphtha or ethanol. The flare shall be operated at all times when emissions of gasoline/naphtha or ethanol may be vented to it.

(Auth.: HAR §11-60.1-3, §11.60.1-5, §11-60.1-90, §11-60.1-161; 40 CFR §60.18, §60.503)<sup>1</sup>

6. The flare 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)

7. The flare pilot gas shall be propane.

(Auth.: HAR §11-60.1-3, §11.60.1-5, §11-60.1-90)

8. The flare shall be designed and operated with no visible emissions as determined by the methods specified in Attachment IIB, Special Condition No. F.4, except for periods not to exceed a total of five (5) minutes during any two (2) consecutive hours.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161; 40 CFR §60.18, §60.503)<sup>1</sup>

9. The flare shall be operated with a flame present at all times, as determined by the methods specified in Attachment IIB, Special Condition No. D.8.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161; 40 CFR §60.18, §60.503)<sup>1</sup>

10. The flare shall be used only with the net heating value of the gas being combusted being 300 Btu/scf or greater. The net heating value of the gas being combusted shall be determined by the methods specified in 40 CFR §60.18(f)(3).

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161; 40 CFR §60.18, §60.503)<sup>1</sup>

11. The flare shall be designed for and operated with an exit velocity less than the velocity  $V_{max}$ , as determined by the methods specified in 40 CFR §60.18(f)(6).

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161; 40 CFR §60.18, §60.503)<sup>1</sup>

12. The permittee shall comply with the following requirements:

- a. The petroleum tank truck loading 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 thirty-five (35) 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 from passing to another loading rack;
- 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.9, 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.12.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 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 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.12.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 tank is obtained;
  - vi. Alternate procedures to Attachment IIB, Special Condition Nos. C.12.d.i thru C.12.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.3; and
  - 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, §11-60.1-161; 40 CFR §60.502)<sup>1</sup>

#### **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 non-resetting volumetric flow meter to monitor and record the throughput of gasoline/naphtha, jet fuel, diesel, and ethanol 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 install, operate, and maintain a non-resetting hour meter on the flare to monitor and record the total hours of operation of the flare. 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 meter or the replacement of any existing non-resetting meter 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)

4. Each calendar month, the permittee shall inspect the vapor collection system, the vapor processing system, and each loading rack handling gasoline during the loading of gasoline tank trucks for total organic compounds liquid or vapor leaks. For purposes of this paragraph, detection methods incorporating sight, sound, or smell are acceptable. Each detection of a leak shall be recorded and the source of the leak repaired within **fifteen (15) calendar days** after it is detected. For equipment in gasoline service, leaks shall be inspected and repaired in accordance with Attachment IIC, Special Condition Nos. C.1 and C.2.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161; 40 CFR §60.502)<sup>1</sup>

5. The permittee shall maintain records on the following items:
  - a. Each monthly inspection performed, including the date(s) of inspections, findings, leak determination method, corrective actions taken, and the inspector's name. Inspection findings shall state whether or not leaks were detected. For each leak detected, record the location, nature, and severity of each leak;
  - b. Records of all equipment replaced or repaired;
  - c. The total throughputs of gasoline/naphtha, jet fuel, diesel, and ethanol loaded at the petroleum tank truck load rack on a monthly and rolling twelve-month (12-month) basis. Monthly records shall include:
    - i. Date of meter reading;
    - ii. Meter reading at the beginning of each month;
    - iii. Total throughputs of each product for each month; and
    - iv. Total throughputs of each product on a rolling twelve-month (12-month) basis.
  - d. The total hours of operation of the flare on a monthly and rolling twelve-month (12-month) basis. Monthly records shall include:

- i. Date of meter reading;
- ii. Meter reading at the beginning of each month;
- iii. Total hours of operation for each month; and
- iv. Total hours of operation 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)

6. Malfunctions

The permittee shall keep the following records for malfunctions:

- a. Records of the occurrence and duration of each malfunction of operation (i.e., process equipment) or the air pollution control and monitoring equipment; and
- b. Records of actions taken during periods of malfunction to minimize emissions in accordance with 40 CFR §63.11085(a), including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-174; 40 CFR §63.11094)<sup>1</sup>

7. The permittee shall monitor the flare to ensure that it is operated and maintained in conformance with its design.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161; 40 CFR §60.18, §60.503)<sup>1</sup>

8. The permittee shall monitor the presence of a flare pilot flame using a thermocouple or any other equivalent device to detect the presence of a flame.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161; 40 CFR §60.18, §60.503)<sup>1</sup>

9. 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 as determined by 40 CFR Part 60, Appendix A, EPA Reference Method 27, Determination of Vapor Tightness of Gasoline Delivery Tank Using Pressure-Vacuum Test. This documentation file shall include, as a minimum, the following information:

- a. Test title: Gasoline Delivery Tank Pressure Test - EPA Reference Method 27;
- b. Tank truck owner and address;
- c. Tank identification number;
- d. Test location and date;
- e. Tester name and signature;
- f. Witnessing inspector, if any: Name, signature, and affiliation;
- g. Vapor tightness repair: Nature of repair work and when performed in relation to vapor tightness testing; and

- h. 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, §11-60.1-161, §11-60.1-174; 40 CFR §60.505, §63.11094)<sup>1</sup>

10. As an alternative to keeping records at the terminal of each gasoline tank truck as indicated in Attachment IIB, Special Condition No. D.9, 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, §11-60.1-161, §11-60.1-174; 40 CFR §60.505, §63.11094)<sup>1</sup>

11. The permittee shall keep documentation of all notifications required per Attachment IIB, Special Condition No. C.12.d.iv on file.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90, §11-60.1-161, 40 CFR §60.505)<sup>1</sup>

12. The permittee shall keep records of all replacements or additions of components performed on an existing vapor processing system.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90, §11-60.1-161; 40 CFR §60.505)<sup>1</sup>

13. The permittee shall make records available **within twenty-four (24) hours** of a request by the Department or the U.S. EPA, Region 9, to document the load rack's average daily gasoline throughput.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-174; 40 CFR §63.11088, 40 CFR Part 63, Subpart BBBB, Table 2)<sup>1</sup>

### **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:
- Anticipated date of initial start-up, actual date of construction commencement, and actual date of start-up;
  - Intent to shut down air pollution control equipment for necessary scheduled maintenance;
  - Emissions of air pollutants in violation of HAR, Chapter 11-60.1 or this permit (excluding technology-based emission exceedances due to emergencies); and
  - 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
- 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: Tank Truck Load Rack**, shall be used for reporting.
  - 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, §11-60.1-90, §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. Notifications

- a. The permittee shall submit to the Department and U.S. EPA, Region 9, a Notification of Compliance Status as specified in 40 CFR §63.9(h). The Notification of Compliance Status shall be submitted in accordance with Attachment IIB, Special Condition No. E.4.
- b. The permittee shall submit to the Department and U.S. EPA, Region 9, additional notifications specified in 40 CFR §63.9, as applicable.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90, §11-60.1-174; 40 CFR §63.11093)<sup>1</sup>

6. 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 total throughputs of gasoline/naphtha, jet fuel, diesel, and ethanol loaded at the petroleum tank truck load rack. The enclosed **Monitoring Report Form: Tank Truck Load Rack** shall be used for reporting.
- b. The total hours of operation of the flare. The enclosed **Monitoring Report Form: Flare Hours of Operation** shall be used for reporting.
- c. Any opacity exceedances of the flare.
- d. 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.

- e. The number, duration, and a brief description of each type of malfunction which occurred during the reporting period and which caused or may have caused any applicable emission limitation to be exceeded. Include a description of actions taken by the permittee during a malfunction to minimize emissions in accordance with 40 CFR §63.11085(a), including actions taken to correct a malfunction. The enclosed **Monitoring Report Form: Malfunctions** shall be used for reporting.
- f. An excess emissions report containing the following information:
  - i. Each instance of a non-vapor-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; and
  - ii. Each reloading of a non-vapor-tight gasoline tank truck at the facility before vapor tightness documentation for that gasoline tank truck is obtained by the facility in accordance with 40 CFR §63.11094(b).
- g. Any deviations from permit requirements shall be clearly identified.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90, §11-60.1-174; 40 CFR §63.11095)<sup>1</sup>

7. 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.12.d.iv.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90, §11-60.1-161, 40 CFR §60.502)<sup>1</sup>

8. The permittee shall submit the manufacturer, model number, and serial number of the flare to the Department within **five (5) working days** after initial startup of the flare. The final number of product load arms and final flare location shall also be submitted at this time.

(Auth.: HAR §11-60.1-5, §11-60.1-90)

#### **Section F. Testing Requirements**

1. **Within sixty (60) days** after achieving the maximum expected operating capacity of the petroleum tank truck load rack, but not later than **one-hundred eighty (180) days** after the initial startup of the petroleum tank truck load rack, and **annually** thereafter, the permittee shall conduct or cause to be conducted performance tests on the petroleum tank truck load rack to determine compliance with Attachment IIB, Special Condition No. C.12.g.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161; 40 CFR §60.503)<sup>1</sup>

2. Immediately before the performance test required to determine compliance with Attachment IIB, Special Condition No. C.12.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 10,000 ppm (as methane) or greater before conducting the performance test.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161; 40 CFR §60.503)<sup>1</sup>

3. The permittee shall determine compliance with Attachment IIB, Special Condition No. C.12.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  $\pm 2.5$  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, §11-60.1-161; 40 CFR §60.503)<sup>1</sup>

4. The procedures in 40 CFR Part 60, Appendix A, Method 22 shall be used to determine the compliance of the flare with the visible emission provisions in Attachment IIB, Special

Condition No. C.8. The observation period is two (2) hours and shall be used in accordance with Method 22.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161; 40 CFR §60.18, §60.503)<sup>1</sup>

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, §11-60.1-161, 40 CFR §60.8)<sup>1</sup>

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, §11-60.1-161, 40 CFR §60.8)<sup>1</sup>

7. **At least thirty (30) 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, §11-60.1-161, 40 CFR §60.8)<sup>1</sup>

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, §11-60.1-161, 40 CFR §60.8)<sup>1</sup>

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, §11-60.1-161, 40 CFR §60.8)<sup>1</sup>

**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)

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<sup>1</sup>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.

<sup>2</sup>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  
EQUIPMENT IN GASOLINE SERVICE  
COVERED SOURCE PERMIT NO. 0370-02-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**

Attachment IIC of this permit encompasses each piece of equipment used in a system that transfers gasoline or gasoline vapors. Equipment under Attachment IIC is each valve, pump, pressure relief device, sampling connection system, open-ended valve or line, flange or other connector in the gasoline liquid transfer, and vapor collection systems. Equipment under Attachment IIC also includes the entire vapor processing system except for exhaust port(s) or stack(s).

(Auth.: HAR §11-60.1-3)

**Section B. Applicable Federal Regulations**

1. Each piece of equipment in gasoline service is subject to the provisions of Attachment IIC and the following federal regulations:
  - a. 40 CFR Part 63, National Emission Standards for Hazardous Air Pollutants for Source Categories, Subpart A, General Provisions; and
  - b. 40 CFR Part 63, Subpart BBBBBB, National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-174; 40 CFR §63.11081)<sup>1</sup>

2. The permittee shall comply with all applicable requirements of the standards listed above, 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 Limitations and Standards**

1. Leak Inspection
  - a. The permittee shall perform monthly leak inspection of all equipment in gasoline service. For the monthly leak inspection, detection methods incorporating sight, sound, and smell are acceptable.

- b. A log book shall be used and shall be signed by the permittee at the completion of each inspection. A section of the log book shall contain a list, summary description, or diagram(s) showing the location of all equipment in gasoline service at the facility.
- c. Each detection of a liquid or vapor leak shall be recorded in the log book.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-174; 40 CFR §63.11089)<sup>1</sup>

2. Leak Repair

- a. When a leak is detected, an initial attempt at repair shall be made as soon as practicable, but no later than five (5) calendar days after the leak is detected. Repair or replacement of leaking equipment shall be completed within fifteen (15) calendar days after detection of each leak, except as provided in Attachment IIC, Special Condition No. C.2.b.
- b. Delay of repair of leaking equipment will be allowed if the repair is not feasible within fifteen (15) days.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-174; 40 CFR §63.11089)<sup>1</sup>

**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. Recordkeeping

- a. The permittee shall prepare and maintain a record describing the types, identification numbers, and locations of all equipment in gasoline service. If an instrument program is implemented for leak inspections, the record shall contain a full description of the program.
- b. The permittee shall record in a log book for each leak that is detected the following information:
  - i. The equipment type and identification number;
  - ii. The nature of the leak (i.e., vapor or liquid) and the method of detection (i.e., sight, sound, or smell);

- iii. The date the leak was detected and the date of each attempt to repair the leak;
- iv. Repair methods applied in each attempt to repair the leak;
- v. "Repair delayed" and the reason for the delay if the leak is not repaired within fifteen (15) calendar days after discovery of the leak;
- vi. The expected date of successful repair of the leak if the leak is not repaired within fifteen (15) days;
- vii. The date of successful repair of the leak; and
- viii. Inspector's name and signature.

(Auth: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90, §11-60.1-174, 40 CFR §63.11094)<sup>1</sup>

### **Section E. Notification and Reporting Requirements**

#### 1. Standard Condition Reporting

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

- a. Emissions of air pollutants in violation of HAR, Chapter 11-60.1 or this permit (excluding technology-based emission exceedances due to emergencies); and
- b. 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; SIP §11-60-10, §11-60-16)<sup>2</sup>

#### 2. Deviations

The permittee shall report **within five (5) days** any deviations from the 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 additional testing, more frequent monitoring, or 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. 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 and 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)

#### 4. Notifications

- a. The permittee shall submit to the Department and U.S. EPA, Region 9, a Notification of Compliance Status as specified in 40 CFR §63.9(h). Notification of compliance status shall be submitted in accordance with Attachment IIC, Special Condition No. E.3.
- b. The permittee shall submit to the Department and U.S. EPA, Region 9, additional notifications specified in 40 CFR §63.9, as applicable.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90, §11-60.1-174; 40 CFR §63.9, §63.11093)<sup>1</sup>

#### 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. For equipment leak inspections, the number of equipment leaks not repaired within fifteen (15) days after detection. The enclosed **Monitoring Report Form: Equipment Leaks** shall be used for reporting.

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

For each occurrence of an equipment leak for which no repair attempt was made within five (5) days or for which repair was not completed within fifteen (15) days after detection:

- i. The date on which the leak was detected;
- ii. The date of each attempt to repair the leak;
- iii. The reasons for the delay of repair; and
- iv. The date of successful repair.

The enclosed **Excess Emissions Report Form: Equipment Leaks** shall be used for reporting.

- c. Any deviations from permit requirements shall be clearly identified.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90, §11-60.1-174; 40 CFR §63.11089, §63.11095)<sup>1</sup>

#### **Section F. 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)

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<sup>1</sup>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 preconstruction and operating permit requirements, permit conditions may incorporate more stringent requirements than those set forth in the CFR.

<sup>2</sup>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 IID: SPECIAL CONDITIONS  
DIESEL ENGINE GENERATOR  
COVERED SOURCE PERMIT NO. 0370-02-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 permit encompasses the following equipment and related appurtenances:

One (1) 300 bhp or less diesel engine generator (Tier 4 rated) with a stack height of 8.5 feet located at primary location or at alternate location. Primary and alternate locations are as indicated in the covered source permit application.

(Auth.: HAR §11-60.1-3)

2. An identification tag or name plate shall be displayed on the diesel engine generator to show model no., serial no., and manufacturer. The identification tag or name plate shall be permanently attached to the diesel engine generator in a conspicuous location.

(Auth.: HAR §11-60.1-5, §11-60.1-90)

**Section B. Applicable Federal Regulations**

1. The diesel engine generator is 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, Subpart IIII, Standards of Performance for Stationary Compression Ignition Internal Combustion Engines;
- c. 40 CFR Part 63, National Emission Standards for Hazardous Air Pollutants for Source Categories, Subpart A, General Provisions; and
- d. 40 CFR Part 63, Subpart ZZZZ, National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161, 40 CFR §60.1, §60.4200, §63.1, §63.6585)<sup>1</sup>

2. The permittee shall comply with all applicable provisions of the standards listed above, including all emission limitations 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, §11-60.1-161, 40 CFR §60.1, §60.4200, §63.1, §63.6585)<sup>1</sup>

**Section C. Emission and Operational Limitations, and/or Standards**

1. The total hours of operation of the diesel engine generator shall not exceed 4,745 hours in any rolling twelve-month (12-month) period.

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

2. The diesel engine generator shall be fired only on diesel no. 2 with a maximum sulfur content of 0.0015% by weight and a minimum cetane index of forty (40) or a maximum aromatic content of thirty-five (35) volume percent.

(Auth.: HAR §11-60.1-3, §11-60.1-90, 40 CFR §60.4207, §63.6590)<sup>1</sup>

3. For any six (6) minute averaging period, the diesel engine generator shall not exhibit visible emissions of twenty (20) percent opacity or greater, except as follows: during start-up, shut-down, or equipment breakdown, the diesel engine generator 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) minutes.

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

4. The diesel engine generator shall be properly maintained and kept in good operating condition at all times with scheduled inspections and maintenance as recommended by the manufacturer; or as needed.

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

**Section D. Monitoring and Recordkeeping Requirements**

1. The permittee shall install, operate, and maintain a non-resetting hour meter on the diesel engine generator to monitor and record the total hours of operation of the diesel engine generator. 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 meter or the replacement of any existing non-resetting meter 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)

2. The permittee shall maintain records on the following items:
  - a. The total hours of operation of the diesel engine generator on a monthly and rolling twelve-month (12-month) basis. Monthly records shall include:

- i. Date of meter reading;
  - ii. Meter reading at the beginning of each month;
  - iii. Total hours of operation for each month; and
  - iv. Total hours of operation on a rolling twelve-month (12-month) basis.
- b. Fuel delivery receipts showing the fuel type, sulfur content (percent by weight), cetane index or aromatic content (volume percent), date of delivery, and gallons of fuel delivered to the site for use in the diesel engine generator shall be maintained. Fuel sulfur content, cetane index, and aromatic content may be demonstrated by providing the supplier's fuel specification sheet for the type of fuel purchased and received; and
- c. Records on inspections, maintenance, and any repair work conducted on the diesel engine generator. At a minimum, these records shall include: the date of the inspection/work, name and title of personnel performing inspection/work, a short description of the action and/or any such repair work, and a description of the part(s) inspected or repaired.

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

3. Visible Emissions (VE)

The permittee shall conduct **monthly** (calendar month) VE observations for the diesel engine generator 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 diesel engine generator did not operate.

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

4. All records, including support information, shall be maintained for at least **five (5) years** from the date of any required monitoring, recordkeeping, testing, or reporting. 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 their representative upon request.

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

**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, 17, and 24, respectively:

- a. *Anticipated date of initial start-up, actual date of construction commencement, and actual date of start-up;*
- 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)

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 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)

### 3. Monitoring Reports

The permittee shall submit **semi-annually** the following written report to the Department for monitoring purposes. The report shall be submitted within **sixty (60) days** after the end of each semi-annual calendar period (January 1 to June 30 and July 1 to December 31) and shall include the following:

- a. The total hours of operation of the diesel engine generator on a monthly and rolling twelve-month (12-month) basis. The enclosed **Monitoring Report Form: Diesel Engine Generator Hours of Operation**, shall be used for reporting;
- b. The type of fuel fired, maximum sulfur content (percent by weight), minimum cetane index and maximum aromatic content (volume percent). The enclosed **Monitoring Report Form: Diesel Engine Generator Fuel Certification**, shall be used for reporting; and
- c. 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.

- d. Any deviations from permit requirements shall be clearly identified.

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

4. Annual Emissions Reports

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** *after the end of each calendar year*. The enclosed **Annual Emissions Report Form: Diesel Engine Generator**, shall be used in reporting.

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

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

5. Compliance Certification Form

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, Section 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:

- 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;
- f. Brief description of any deviations including identifying as possible exceptions to compliance any periods during which compliance is required and in which the excursion or exceedances as defined in 40 CFR 64 occurred; and
- g. 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.

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

6. Initial Notification

The permittee shall submit to the Department and U.S. EPA Region 9, an initial notification of applicability within 120 days after initial startup of the diesel engine generator. The notification shall include the information in 40 CFR §63.9(b)(2)(i) through (v), and a statement that the diesel engine generator has no additional requirements and an explanation of the basis of the exclusion.

(Auth.: HAR §11-60.1-3, §11-60.1-90; 40 CFR §60.4214, §63.6645)<sup>1</sup>

7. The permittee shall submit the manufacturer, model number, and serial number of the diesel engine generator to the Department within **five (5) working days** after initial startup of the diesel engine generator. The final location of the diesel engine generator shall also be submitted at this time.

(Auth.: HAR §11-60.1-5, §11-60.1-90)

**Section F. Agency Notification**

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

(Auth.: HAR §11-60.1-4, §11-60.1-90)

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<sup>1</sup>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 preconstruction and operating permit requirements, permit conditions may incorporate more stringent requirements than those set forth in the CFR.

<sup>2</sup>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 II - INSIG: SPECIAL CONDITIONS  
INSIGNIFICANT ACTIVITIES  
COVERED SOURCE PERMIT NO. 0370-02-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 insignificant activities listed in HAR, §11-60.1-82(f) and (g) for which provisions of this permit and HAR, Subchapter 2, General Prohibitions apply.

(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, including support information, shall be maintained for at least **five (5) years** from the date of any required monitoring, recordkeeping, testing, or reporting. 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 their 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, Section 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:

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.

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)

**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. 0370-02-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 of Health.
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. 0370-02-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: Diesel Engine Generator**

2. The reporting period shall be from January 1 to December 31 of each year. All reports shall be submitted to the Department of Health 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 of Health upon request.
4. Any information submitted to the Department of Health 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. 0370-02-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. 0370-02-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. 0370-02-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
		<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. 0370-02-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) &amp; 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. 0370-02-C  
(PAGE 1 OF 2)**

**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 Period: \_\_\_\_\_ Date: \_\_\_\_\_

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: \_\_\_\_\_

Responsible Official (Signature): \_\_\_\_\_

<b>TANK NUMBER</b>	<b>1</b>	<b>2</b>	<b>4</b>	<b>9</b>
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)				

**PROPOSED**

**ANNUAL EMISSIONS REPORT FORM  
INTERNAL FLOATING ROOF STORAGE TANKS  
COVERED SOURCE PERMIT NO. 0370-02-C  
(CONTINUED, PAGE 2 OF 2)**

**Issuance Date:** \_\_\_\_\_

**Expiration Date:** \_\_\_\_\_

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

**TANK NO.** \_\_\_\_\_

<b>DECK FITTINGS</b>			
<b>Access hatch (24" dia)</b>	QTY	<b>Gauge-hatch/sample port</b>	QTY
	_____		_____
	_____		_____
_____	_____	_____	_____
<b>Fixed roof support column well</b>	QTY	<b>Vacuum breaker</b>	QTY
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	<b>Deck drain (3" dia.)</b>	QTY
_____	_____	_____	_____
_____	_____	_____	_____
<b>Unslotted guide-pole and well</b>	QTY	<b>Stub drain</b>	QTY
_____	_____	<b>Deck leg</b>	QTY
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
<b>Slotted guide-pole/sample well</b>	QTY	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	<b>Rim vent</b>	QTY
_____	_____	_____	_____
_____	_____	_____	_____
<b>Automatic gauge float well</b>	QTY	<b>Ladder well</b>	QTY
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

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. 0370-02-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/Naphtha	
Jet Fuel	
Diesel	
Ethanol	

**ANNUAL EMISSIONS REPORT FORM  
DIESEL ENGINE GENERATOR  
COVERED SOURCE PERMIT NO. 0370-02-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: \_\_\_\_\_

Company/Facility Name: \_\_\_\_\_

Equipment Location: \_\_\_\_\_

Equipment Description: \_\_\_\_\_

Equipment Capacity/Rating (specify units): \_\_\_\_\_  
(Units such as horsepower, kilowatt, tons/hour, etc.)

Serial/ID Nos.: \_\_\_\_\_

**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: \_\_\_\_\_

Responsible Official (Signature): \_\_\_\_\_

TYPE OF FUEL FIRED	ANNUAL FUEL CONSUMPTION (GALLONS/YEAR)	MAXIMUM SULFUR CONTENT (% BY WEIGHT)

**MONITORING REPORT FORM  
INTERNAL FLOATING ROOF STORAGE TANKS  
COVERED SOURCE PERMIT NO. 0370-02-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 true vapor pressure exceedances above 11 psia for the reporting period:

Tank No.	True Vapor Pressure (psia)	How Determined	Type of Fuel Stored	Period of Exceedance	Storage Temperature (°F)

2. Report a summary of tank inspection for the reporting period:

Tank No.	Inspection Date	Deficiencies/Defects	Date and Repair Made	Date Tank was Last Emptied
		Description		

3. For the reporting period, attach the information required from 40 CFR §60.115b(a) for complying with Option 2(b) in Table 1 of 40 CFR Part 63, Subpart BBBBBB as applicable for Tank Nos. 1, 4, and 9.

4. Identify deviations from permit requirements.

**MONITORING REPORT FORM  
TANK TRUCK LOAD RACK  
COVERED SOURCE PERMIT NO. 0370-02-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	Product				Product			
	Gasoline/ Naphtha (gallons)	Jet Fuel (gallons)	Diesel (gallons)	Ethanol (gallons)	Gasoline/ Naphtha Rolling 12- Months (gallons)	Jet Fuel Rolling 12- Months (gallons)	Diesel Rolling 12- Months (gallons)	Ethanol Rolling 12- Months (gallons)
January								
February								
March								
April								
May								
June								
July								
August								
September								
October								
November								
December								

2. Identify deviations from permit requirements.

**MONITORING REPORT FORM  
FLARE HOURS OF OPERATION  
COVERED SOURCE PERMIT NO. 0370-02-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 following information semi-annually:

(Make Copies for Future Use)

For Period: \_\_\_\_\_ Date: \_\_\_\_\_

Company/Facility Name: \_\_\_\_\_

Equipment Location: \_\_\_\_\_

Equipment Description: \_\_\_\_\_

Equipment Capacity/Rating (specify units): \_\_\_\_\_  
(Units such as horsepower, kilowatt, tons/hour, etc.)

Serial/ID Nos.: \_\_\_\_\_

**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: \_\_\_\_\_

Responsible Official (Signature): \_\_\_\_\_

MONTH	TOTAL HOURS OF OPERATION MONTHLY BASIS	TOTAL HOURS OF OPERATION ROLLING 12-MONTH BASIS
JANUARY		
FEBRUARY		
MARCH		
APRIL		
MAY		
JUNE		
JULY		
AUGUST		
SEPTEMBER		
OCTOBER		
NOVEMBER		
DECEMBER		





**MONITORING REPORT FORM  
DIESEL ENGINE GENERATOR HOURS OF OPERATION  
COVERED SOURCE PERMIT NO. 0370-02-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 following information semi-annually:

(Make Copies for Future Use)

For Period: \_\_\_\_\_ Date: \_\_\_\_\_

Company/Facility Name: \_\_\_\_\_

Equipment Location: \_\_\_\_\_

Equipment Description: \_\_\_\_\_

Equipment Capacity/Rating (specify units): \_\_\_\_\_  
(Units such as horsepower, kilowatt, tons/hour, etc.)

Serial/ID Nos.: \_\_\_\_\_

**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: \_\_\_\_\_

Responsible Official (Signature): \_\_\_\_\_

<b>MONTH</b>	<b>TOTAL HOURS OF OPERATION MONTHLY BASIS</b>	<b>TOTAL HOURS OF OPERATION ROLLING 12-MONTH BASIS</b>
JANUARY		
FEBRUARY		
MARCH		
APRIL		
MAY		
JUNE		
JULY		
AUGUST		
SEPTEMBER		
OCTOBER		
NOVEMBER		
DECEMBER		

**MONITORING REPORT FORM  
DIESEL ENGINE GENERATOR FUEL CERTIFICATION  
COVERED SOURCE PERMIT NO. 0370-02-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 following information semi-annually:

(Make Copies for Future Use)

For Period: \_\_\_\_\_ Date: \_\_\_\_\_

Company/Facility Name: \_\_\_\_\_

Equipment Location: \_\_\_\_\_

Equipment Description: \_\_\_\_\_

Equipment Capacity/Rating (specify units): \_\_\_\_\_  
(Units such as horsepower, kilowatt, tons/hour, etc.)

Serial/ID Nos.: \_\_\_\_\_

**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: \_\_\_\_\_

Responsible Official (Signature): \_\_\_\_\_

1.

TYPE OF FUEL FIRED	MAXIMUM SULFUR CONTENT (% BY WEIGHT)	MINIMUM CETANE INDEX	MAXIMUM AROMATIC CONTENT (VOLUME %)

2. Identify deviations from permit requirements.





**VISIBLE EMISSIONS FORM REQUIREMENTS  
STATE OF HAWAII  
COVERED SOURCE PERMIT NO. 0370-02-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. At least **annually** (*calendar year*), VE observation 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 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 of Health, 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. 0370-02-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)

**Site Conditions:**

Emission point or stack height above ground (ft): \_\_\_\_\_

Emission point or stack distance from observer (ft): \_\_\_\_\_

Emission color (black or white): \_\_\_\_\_

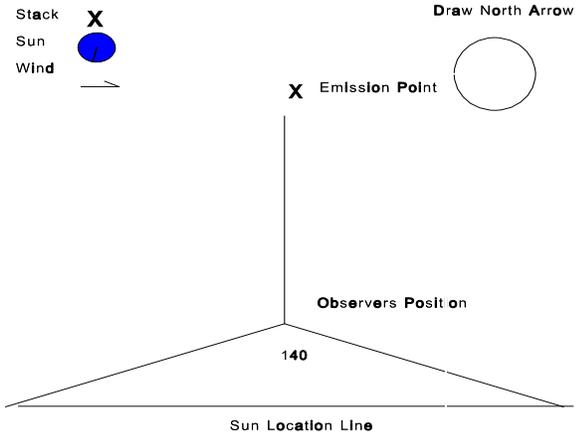
Sky conditions (% cloud cover): \_\_\_\_\_

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 (%):					