

PROPOSED

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
(xxx)

ISSUE DATE

12-xxxE CAB
File No. 0092

Mr. Joseph D. Lovan
Western Regional Manager
Aloha Petroleum, Ltd.
91-1019 Apuu Street
Ewa Beach, Hawaii 96706

Dear Mr. Lovan:

Subject: Covered Source Permit (CSP) No. 0092-02-C
Permit Application Renewal No. 0092-07
Aloha Petroleum, Ltd.
Honolulu Terminal
Located at: 789 North Nimitz Highway, Honolulu, Oahu
Date of Expiration: 5 YEARS FROM ISSUE

The subject covered source permit is issued in accordance with Hawaii Administrative Rules (HAR), Title 11, Chapter 60.1. The issuance of this permit is based on the plans and specifications that you submitted as part of your application received on June 29, 2010 and the additional information received on January 31, August 1, and October 13, 2011, and February 16, 2012. The conditions of this permit renewal supersede all conditions in all prior permits.

This covered source permit is issued subject to the conditions/requirements set forth in the following attachments:

Attachment I: Standard Conditions
Attachment IIA: Special Conditions - Equipment in Gasoline Service
Attachment IIB: Special Conditions - Storage Tanks
Attachment IIC: Special Conditions - Bottom Loading Load Rack
Attachment IID: Special Conditions - Marine Vessel Loading Dock
Attachment II - INSIG: Special Conditions - Insignificant Activities
Attachment III: Annual Fee Requirements
Attachment IV: Annual Emissions Reporting Requirements

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

Compliance Certification Form
Annual Emissions Report Form: Storage Tanks
Annual Emissions Report Form: Bottom Loading Load Rack
Annual Emissions Report Form: Marine Vessel Loading Dock

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Monitoring Report Form: Equipment Leaks
Monitoring Report Form: Storage Tanks
Monitoring Report Form: Bottom Loading Load Rack
Monitoring Report Form: Marine Vessel Loading Dock
Monitoring Report Form: Malfunctions
Excess Emissions Report Form: Equipment Leaks
Excess Emissions Report Form: Bottom Loading Load Rack

The following plan is enclosed for compliance assurance monitoring requirements:

Compliance Assurance Monitoring Plan: Total Organic Compounds

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, 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.

Sincerely,

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

MM:nn
Enclosures

c: CAB Monitoring Section

**ATTACHMENT I: STANDARD CONDITIONS
COVERED SOURCE PERMIT NO. 0092-02-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)²
3. This permit is not transferable whether by operation of law or otherwise, from person to person, from place to place, or from one piece of equipment to another without the approval of the Department of Health, except as provided in HAR, Section 11-60.1-91.

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

(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 of Health 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 of Health, 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 of Health 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

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

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

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

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

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

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

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

(Auth.: HAR §11-60.1-14, §11-60.1-90)

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

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

(Auth.: HAR §11-60.1-9, §11-60.1-90)

20. The Department of Health 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 of Health.

(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 of Health, 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 of Health by a responsible official of the source.

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

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

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

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

(Auth.: HAR §11-60.1-93)

27. The compliance plan and compliance certification submittal requirements shall be in accordance with HAR, Sections 11-60.1-85 and 11-60.1-86. As specified in HAR, Section 11-60.1-86, the compliance certification shall be submitted to the Department of Health 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
State of 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)

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

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

PROPOSED

ATTACHMENT IIA: SPECIAL CONDITIONS - EQUIPMENT IN GASOLINE SERVICE COVERED SOURCE PERMIT NO. 0092-02-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 each piece of equipment used in a system that transfers gasoline or gasoline vapors. Equipment under Attachment IIA is each valve, pump, pressure relief device, sampling connection system, open-ended valve or line, flange or other connector in the gasoline liquid transfer. The conditions from Attachment IIA are not applicable to equipment and components specified in Attachment IID, Special Condition No. A.1 for the marine vessel loading dock.

(Auth.: HAR §11-60.1-3)

Section B. Federal Regulations

1. Each piece of equipment in gasoline service is subject to the provisions of the following federal regulations:
 - a. 40 Code of Federal Regulations (CFR) Part 63, National Emission Standards for Hazardous Air Pollutants, Subpart A, General Provisions.
 - 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, §11-60.1-161; 40 CFR §60.2, §60.110b, §63.11081)¹

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

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161)

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 responsible official or operator 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, §11-60.1-161; 40 CFR §63.11089)¹

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 IIA, 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, §11-60.1-161; 40 CFR §63.11089)¹

Section D. Monitoring and Recordkeeping Requirements

1. Records

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

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-81, §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, §11-60.1-81, §11-60.1-90; 40 CFR §63.11094)

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)²

2. Notifications

- a. The permittee shall submit to the Department of Health and U.S. EPA, Region 9, notification of compliance status as specified in 40 CFR §63.9(h). Notification of compliance status shall be submitted in accordance with Attachment IIA, Special Condition No. E.6.
- b. The permittee shall submit to the Department of Health and U.S. EPA, Region 9, additional notifications specified in 40 CFR §63.9, as applicable.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-11, §11-60.1-90; 40 CFR §63.11093)¹

3. 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)

4. Monitoring Reports

The permittee shall complete and submit a **semi-annual** monitoring report to the Department of Health and U.S. EPA, Region 9. Each report 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). The enclosed **Monitoring Report Form: Equipment Leaks** and **Monitoring Report Form: Malfunctions** shall be used for reporting.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-90; 40 CFR §63.11095)

5. Excess Emissions Report

The permittee shall complete and submit an excess emissions report to the Department of Health and U.S. EPA, Region 9, at the time the semi-annual monitoring reports specified in Attachment IIA, Special Condition No. E.4 are submitted. The enclosed **Excess Emissions Report Form: Equipment Leaks** shall be used for reporting.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-90; 40 CFR §63.11089, §63.11095)

6. Compliance Certification

- a. During the permit term, the permittee shall submit at least **annually** to the Department of Health 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 of Health, 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 of Health determines that reasonable justification exists for the extension.

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

Section F. Agency Notification

1. 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)

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

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

PROPOSED

ATTACHMENT IIB: SPECIAL CONDITIONS - STORAGE TANKS COVERED SOURCE PERMIT NO. 0092-02-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 storage tanks, vapor line, vapor recovery unit (VRU), and associated appurtenances:
 - a. Fixed roof and internal floating roof tanks listed in the table below.

Tank No.	Capacity (barrels)	Tank Description
1	80,000	fixed roof tank vented to VRU
2	80,000	fixed roof tank with internal floating roof and double wiper seals
3	10,000	fixed roof tank vented to VRU
6	10,000	fixed roof tank with internal floating roof and double wiper seals
13	54,000	fixed roof tank vented to VRU
14	10,000	fixed roof tank vented to VRU
-----	greater than or equal to 40,000 gallons (952 barrels)	tanks storing VOL with true vapor pressure equal to or greater than 1.5 psia

- b. Twelve-inch (12-inch) vapor line with manifold connecting load rack and gasoline storage Tank Nos. 1, 3, 13, and 14 to VRU.
 - c. John Zink VRU, model AAT-X-1650-7-13-8-2-X, with two (2) activated carbon adsorption vessels servicing gasoline storage Tank Nos. 1, 3, 13, and 14 and bottom loading load rack.

(Auth.: HAR §11-60.1-3)

2. Identification

The permittee shall identify the tank number and product stored for each tank. The identification number and type of product stored shall be displayed on each tank at a conspicuous location.

(Auth.: HAR §11-60.1-5)

Section B. Federal Regulations

1. Tank Nos. 1, 2, 3, 6, 13, and 14

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

- a. 40 CFR Part 63, National Emission Standards for Hazardous Air Pollutants, 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, §11-60.1-161; 40 CFR §63.11081)¹

2. Compliance

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

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161)

Section C. Operational Limitations and Standards

1. Construction and Operation (Tank Nos. 2 and 6)

For storing gasoline, Tank Nos. 2 and 6, 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 storage tanks shall be maintained below 11 psia at all times.
- b. The storage tanks shall meet either one of the following requirements:
 - i. 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 §60.112b(a)(1)(iv) through (ix) of 40 CFR Part 60.
 - ii. Equip and operate each internal floating roof gasoline storage tank according to the requirements in 40 CFR §63.1063(a)(1) and (b), except for secondary seal requirements under 40 CFR §63.1063(a)(1)(i)(C) and (D).

- c. The permittee shall be in compliance with the applicable requirements specified in Attachment IIB, Special Condition No. C.1.b, for the internal floating roof tanks at the first

degassing and cleaning activity after January 10, 2011, or by January 10, 2018, whichever is first.

- d. The floating roof shall float on the stored liquid surface at all times, except as specified in 40 CFR 60.112b(a) and 40 CFR 63.1063(b) as applicable.
- e. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible.

(Auth.: HAR §11-60.1-3, §11-60.1-39, §11-60.1-90; 40 CFR §60.112b, §63.1063, §63.11087)¹

2. Construction and Operation (Tank Nos. 1, 3, 13, and 14)

The storage tanks shall be equipped with a closed vent system connected to the VRU and meet the following specifications:

- a. The closed vent system for the tanks shall be designed to collect all volatile organic compound (VOC) vapors and gases discharged from each storage vessel and operated with no detectable emissions as indicated by an instrument reading of less than 500 ppm above background and visual inspections as determined in 40 CFR Part 60, Subpart VV, §60.485(b).
- b. The VRU with closed vent system shall be designed and operated to reduce inlet total organic compound (TOC) emissions by 95 weight-percent or greater (represented by the 35 mg/liter TOC emissions limit specified in Attachment IIC, Special Condition No. C.4.a).
- c. The VRU blower shall activate at a tank vapor space pressure set point that is not higher than 1.8 inches of water gauge. The VRU blower shall be fully functional and operate to vent vapors to the VRU at tank vapor space pressures greater than or equal to 1.8 inches of water gauge.
- d. The permittee shall operate the vapor processing system in a manner not to exceed the continuous emissions monitoring system (CEMS) concentration threshold specified in Attachment IIB, Special Condition No. D.3.d. The operator shall shut down the load rack and pipeline supply to tanks connected to VRU if the propane concentration specified in Special Condition No. D.3.d is exceeded.
- e. Operation of the vapor processing system in a manner exceeding the concentration threshold specified in Attachment IIB, Special Condition No. D.3.d shall constitute a violation of the emission standard specified in Attachment IIB, Special Condition No. C.2.b.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161; 40 CFR §60.112b(a)(3), §63.11087, §63.11092)

3. Tanks Greater Than 40,000 Gallons Capacity

Tanks greater than 40,000 gallons capacity storing VOL with a true vapor pressure equal to or greater than 1.5 psia (e.g., transmix, denatured ethanol, naphtha, aviation gasoline,

motor gasoline, etc.) shall be either pressurized to prevent vapor or gas loss to the atmosphere or designed and equipped with one of the following vapor loss control devices:

- a. A floating roof as specified in HAR §11-60.1-39 (a)(1);
- b. A vapor recovery system as specified in HAR §11-60.1-39 (a)(2); or
- c. Other equipment or means of equal efficiency for purposes of air pollution control as may be approved by the Department of Health.

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

Section D. Monitoring and Recordkeeping Requirements

1. Records

The permittee shall maintain records, including support information, at the facility for at least five (5) years from the date of the monitoring samples, measurements, tests, reports, or application. Support information includes all 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 of Health or its representative(s) upon request.

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

2. Inspections (Tank Nos. 2 and 6)

Floating roof systems for Tank Nos. 2 and 6 shall be inspected as follows when storing gasoline:

- a. According to the requirements of 40 CFR §60.113b(a) for option specified in Attachment IIB, Special Condition Nos. C.1.b.i; or
- b. According to the requirements of 40 CFR §63.1063(c)(1) for option specified in Attachment IIB, Special Condition Nos. C.1.b.ii.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161; 40 CFR §63.11092)¹

3. CEMS at VRU Outlet

- a. The permittee shall calibrate, certify, operate, and maintain, according to manufacturer's specifications, a CEMS to measure and record the organic compound concentration while gasoline vapors are vented to the VRU from load rack and gasoline storage Tank Nos. 1, 3, 13, and 14.
- b. The CEMS shall be installed in the exhaust air stream of each carbon adsorption vessel of the VRU to continuously record the organic compound outlet concentration.

- c. The CEMS shall collect four or more data values equally spaced over each hour and average the values over a 6-hour averaging period.
- d. To ensure compliance with the emissions limit specified in Attachment IIB, Special Condition No. C.2.b, the maximum allowable organic compound concentration, measured as propane (C₃H₈), shall be set on the CEMS at 3.7% by volume (37,000 ppmv) based on a 6-hour averaging period.
- e. The permittee shall operate and maintain an audible and visual high level alarm to alert the operator when the organic compound concentration threshold specified in Attachment IIB, Special Condition No. D.3.d is exceeded.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161; 40 CFR §63.11092)¹

4. Records (Tank Nos. 2 and 6)

- a. The permittee shall keep records for each gasoline storage tank in accordance with:
 - i. 40 CFR §60.115b(a) if complying with Attachment IIB, Special Condition No. C.1.b.i; or
 - ii. 40 CFR §63.1065 if complying with Attachment IIB, Special Condition Nos. C.1.b.ii.
- b. Records shall be maintained on the type of VOL stored, the period of storage, and the maximum true vapor pressure (in psia) of VOL during the respective storage period. Determination of the true vapor pressure shall be done in accordance with 40 CFR 60.116b(e).
- c. Records shall be maintained on the annual throughput for each VOL stored inside the storage tanks.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161; 40 CFR §63.11094)¹

5. Records (Tank Nos. 1, 3, 13, and 14)

- a. Records shall be kept on all performance test reports documenting the results of testing to determine compliance with Attachment IIB, Special Condition Nos. C.2.a, C.2.b, and D.3.d.
- b. The performance test reports shall contain, at a minimum, the following parameters for testing gasoline storage tanks vented to the VRU:
 - i. The identification number of tank(s) connected to VRU that are filled with gasoline during the test;
 - ii. The gallons of gasoline loaded into one or more gasoline storage tanks connected to VRU while testing;
 - iii. The 6-hour average propane concentration(s) measured and recorded by the CEMS in ppmv and percent by volume over the duration of the performance test; and

- iv. The reasons for any change in the propane concentration threshold specified in Attachment IIB, Special Condition No. D.3.d, since the previous performance test.
- c. Records shall be maintained on information required by 40 CFR §60.115b(c) to comply with Option 2(a) in Table 1 of 40 CFR Part 63, Subpart BBBBBB.
- d. Records shall be maintained on the type of VOL stored, the period of storage, and the maximum true vapor pressure (in psia) of VOL during the respective storage period. Determination of the true vapor pressure shall be done in accordance with 40 CFR 60.116b(e).
- e. Records shall be maintained on the annual throughput for each VOL stored inside the storage tanks.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-90, §11-60.1-161)

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).
- 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, §11-60.1-161; 40 CFR §63.11094)

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. 16, 17, and 24, respectively:

- a. Intent to shut down air pollution control equipment for necessary scheduled maintenance;
- 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, or any storage tank 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; SIP §11-60-16)²

2. Notifications

- a. The permittee shall submit to the Department of Health and U.S. EPA, Region 9, 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 to 40 CFR Part 63, Subpart BBBBBB are used to comply with Subpart BBBBBB. Notification of compliance status shall be submitted in accordance with Attachment IIB, Special Condition No. E.7.
- b. The permittee shall submit to the Department of Health and U.S. EPA, Region 9, additional notifications specified in 40 CFR §63.9, as applicable.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-11, §11-60.1-90; 40 CFR §63.11093)¹

3. Performance Tests

Performance test plans and reports shall be submitted in accordance with Attachment IIB, Special Condition No. F.1.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-90, §11-60.1-161; 40 CFR §60.8)

4. Deviations

The permittee shall report in writing **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)

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: 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 of Health determines that reasonable justification exists for the extension.

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

6. Monitoring Reports

The permittee shall submit **semi-annually** the following written reports to the Department of Health 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). The enclosed **Monitoring Report Form: Storage Tanks** and **Monitoring Report Form: Malfunctions** shall be used for reporting.

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

7. Compliance Certification

- a. During the permit term, the permittee shall submit at least **annually** to the Department of Health 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 of Health, 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 of Health determines that reasonable justification exists for the extension.

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

8. Reporting (Tank Nos. 2 and 6)

The permittee shall report the applicable information for each gasoline storage tank as specified in:

- a. 40 CFR §60.115b(a) if complying with Attachment IIB, Special Condition No. C.1.b.i; or
- b. 40 CFR §63.1066 if complying with Attachment IIB, Special Condition No. C.1.b.ii.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161; 40 CFR §63.11095)¹

Section F. Testing Requirements

1. Performance Tests

Annual performance testing to determine compliance with the requirements specified in Attachment IIB, Special Condition Nos. C.2.a and C.2.b shall be conducted in accordance with Attachment IIC, Section F.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-11, §11-60.1-90, §60.8; SIP §11-60-15)^{1,2}

2. Test Plans and Reports

Performance test plans and reports shall be submitted in accordance with Attachment IIC, Special Condition Nos. F.5 and F.6, respectively.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-11, §11-60.1-90, §11-60.1-161; SIP §11-60-15)^{1,2}

Section G. Agency Notification

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

(Auth.: HAR §11-60.1-4, §11-60.1-90)

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

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

**ATTACHMENT IIC: SPECIAL CONDITIONS
BOTTOM LOADING LOAD RACK
COVERED SOURCE PERMIT NO. 0092-02-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 IIC encompasses the following load rack, vapor line, VRU, and associated appurtenances:
 - a. Two (2) lane bottom loading load rack with nine (9) 600 gallon per minute load arms vented to Tank Nos. 1, 3, 13, and 14;
 - b. Twelve-inch (12-inch) vapor line with manifold connecting load rack and gasoline storage Tank Nos. 1, 3, 13, and 14 to VRU; and
 - c. John Zink VRU, model AAT-X-1650-7-13-8-2-X, with two (2) activated carbon adsorption vessels servicing bottom loading load rack and Tank Nos. 1, 3, 13, and 14.

(Auth.: HAR §11-60.1-3)

2. An identification tag or name plate shall be displayed on the VRU to show model no. and manufacturer. The identification tag or name plate shall be permanently attached to the equipment at a conspicuous location.

(Auth.: HAR §11-60.1-5)

Section B. Applicable Federal Regulations

1. The bottom loading load rack and associated appurtenances are subject to the provisions of the following federal regulations:
 - a. 40 CFR Part 60, Standards of Performance for New Stationary Sources, Subpart A - General Provisions;
 - b. 40 CFR Part 60, Standards of Performance for New Stationary Sources, Subpart XX - Bulk Gasoline Terminals;
 - c. 40 CFR Part 63, National Emission Standards for Hazardous Air Pollutants, Subpart A – General Provisions;
 - d. 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; and
 - e. 40 CFR Part 64, Compliance Assurance Monitoring.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161; 40 CFR §60.1, 60.500, §63.11080, §63.11081)¹

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

major requirements of these standards are detailed in the special conditions of this covered source permit.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161)

Section C. Operational Limitations

1. Bottom Loading Load Rack

- a. The total combined gasoline and denatured ethanol throughput of the bottom loading load rack shall not exceed 256,000,000 gallons in any rolling twelve-month (12-month) period.
- b. The total throughput of the bottom loading load rack shall not exceed 10,000,000 gallons of distillate fuel in any rolling twelve-month (12-month) period.
- c. The permittee shall restore operation of the load rack to its normal or usual manner of operation in accordance with Attachment IIC, Special Condition No. D.6.d, if the organic compound concentration threshold specified in Attachment IIC, Special Condition No. D.5.d is exceeded.
- d. The permittee shall shut down the load rack and pipeline supply to tanks connected to VRU if the organic compound concentration threshold specified in Attachment IIC, Special Condition No. D.5.e, is exceeded.
- e. Operation of the vapor processing system in a manner exceeding the concentration threshold specified in Attachment IIC, Special Condition No. D.5.e, shall constitute a violation of the emission standard specified in Attachment IIC, Special Condition No. C.4.a.

(Auth.: HAR §11-60.1-3, §11.60.1-5, §11-60.1-90, §11-60.1-161)

2. Tank Truck Loading

Loading of liquid product into all gasoline tank trucks shall be limited to vapor-tight gasoline tank trucks using the following procedures:

- a. Obtain the vapor tightness documentation referenced in Attachment IIC, Special Condition No. D.3, for each gasoline tank truck which is to be loaded at the facility;
- b. Require the tank identification number to be recorded as each gasoline tank truck is loaded at the terminal;
- c. **Within two (2) weeks** after the corresponding tank truck loading, the permittee shall cross-check each tank identification number with the vapor tightness documentation file referenced in this Attachment IIC, Special Condition No. D.3;
- d. Notify the owner or operator of the respective tank truck within **one (1) week** of the documentation cross-check in Attachment IIC, Special Condition No. C.2.c, if the documentation file shows a tank truck to be nonvapor-tight;
- e. Ensure that the nonvapor-tight tank truck will not be reloaded at the facility until the vapor-tightness documentation for that truck is obtained, and the test results document a vapor-tight tank;

- f. Alternate procedures to Attachment IIC, Special Condition Nos. C.2.a through C.2.e, for limiting gasoline tank truck loadings may be used upon application to and approval by, the Department of Health; and
- g. Gasoline tank truck in 40 CFR §60.501 shall have the same meaning as gasoline cargo tank in 40 CFR §63.11095.

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

3. Vapor Collection System

- a. The vapor collection system shall be designed to prevent any TOC vapors collected at one loading rack or lane from passing to another loading rack or lane to the atmosphere.
- b. The permittee shall ensure that loadings of gasoline tank trucks are made into tank trucks equipped with vapor collection equipment that is compatible with the terminal's vapor collection system.
- c. The permittee shall ensure that the terminal's and the tank truck's vapor collection systems are connected properly during each tank truck loading. Examples of actions to accomplish this include training drivers in the hookup procedures and posting visible reminder signs at the loading rack.
- d. The vapor collection and liquid loading equipment shall be designed and operated to prevent gauge pressure in the gasoline tank truck 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 40 CFR §60.503(d).
- e. 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, §11-60.1-5, §11-60.1-11, §11-60.1-90, §11-60.1-161, 40 CFR §60.502, §60.503)¹

4. VRU for Load Rack and Tank Nos. 1, 3, 13, and 14

- a. Emissions to the atmosphere from the VRU servicing load rack and Tank Nos. 1, 3, 13, and 14 shall not exceed thirty-five (35) milligrams of total organic compounds per liter (35 mg/l) of gasoline loaded (i.e., gasoline loaded into truck cargo tanks at the load rack and gasoline loaded into storage Tank Nos. 1, 3, 13, and 14).
- b. The VRU shall be connected, fully functional, and operational at all times whenever gasoline vapors from the load rack and Tank Nos. 1, 3, 13, and 14 are vented to the VRU. The duration of the adsorption cycle shall be limited to below the breakthrough point of the activated carbon beds. At no time during the adsorption process shall the carbon beds exhibit breakthrough. The vapor recovery unit shall be operated and maintained in accordance with the manufacturer's specifications and recommendations.
- c. During periods of equipment breakdowns or malfunctions, the permittee shall, to the extent practicable, maintain and operate the bottom loading load rack, vapor collection system, and VRU in a manner consistent with good air pollution control practice to

minimize emissions. These incidences shall be subject to Attachment I, Standard Condition No. 17.

(Auth.: HAR §11-60.1-3, §11-60.1-16, §11-60.1-32, §11-60.1-90, §11-60.1-161; 40 CFR §60.502)¹

5. Leak Inspection and Repair

- a. Each calendar month, the vapor collection system, the vapor processing system, and load rack handling gasoline shall be inspected during the loading of gasoline tank trucks for total organic compound liquid or vapor leaks.
- b. Inspection for leaks or defects at the facility shall be performed in accordance with Attachment IIA, Special Condition No. C.1.
- c. Leaks or defects at the facility shall be repaired in accordance with Attachment IIA, Special Condition No. C.2.

(Auth.: HAR §11-60.1-3, §11-60.1-16, §11-60.1-90, §11-60.1-161; 40 CFR §60.502; 40 CFR §63.11088; SIP §11-60-15)^{1,2}

Section D. Monitoring and Recordkeeping

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 of Health or its representative(s) upon request.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-81, §11-60.1-90)

2. Load Rack Throughput

The permittee shall maintain and operate a non-resetting flow meter on each loading arm of the load rack to measure the product throughput. The non-resetting flow meter shall not allow the manual resetting or other manual adjustments of the meter readings. The installation of any new non-resetting meters or meter 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. A record of daily throughput of each product shall be maintained and the cumulative product throughput shall be reported in accordance with Attachment IIC, Special Condition Nos. E.4 and E.5.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90, §11-60.1-161)

3. Tank Truck Vapor Tightness

- a. The permittee shall maintain a tank truck vapor tightness documentation file on each gasoline tank truck to be loaded at the facility for purposes of the requirements specified in Attachment IIC, Special Condition No. C.2. The documentation file shall be kept updated **at least once per year** to reflect the most current test results for each gasoline cargo tank and include, as a minimum, the following information:
 - i. Name of test: Annual Certification Test - Method 27;
 - ii. Cargo tank owner's name and address;
 - iii. Cargo tank identification number;
 - iv. Testing location and date;
 - v. Tester name and signature;
 - vi. Witnessing inspector, if any: name, signature, and affiliation;
 - vii. Vapor tightness repair: Nature of repair work and when performed in relation to vapor tightness testing; and
 - viii. Test results: Test pressure; pressure or vacuum change, millimeters (mm) of water; time period of test; number of leaks found with instrument; and leak definition.
- b. A vapor-tight gasoline cargo tank means a cargo tank which has demonstrated within the twelve (12) preceding months that the product delivery tank meets the annual certification test. Conduct the test using a time period (t) for the pressure and vacuum tests of five (5) minutes. The initial pressure (P_i) for the pressure test shall be 460 mm of water (18 inches of water), gauge. The initial vacuum (V_i) for the vacuum test shall be 150 mm of water (6 inches of water). The maximum allowable pressure and vacuum changes (Δp , Δv) for all affected gasoline cargo tanks is three (3) inches of water, or less, in five (5) minutes.
- c. As an alternative to keeping records in accordance with in Attachment IIC, Special Condition No. D.3.a, the permittee may comply with either one of the following requirements:
 - i. The permittee shall maintain an electronic copy of each record that is instantly available at the terminal. The copy of each record must be an exact duplicate image of the original paper record with certifying signatures and the Department of Health must be notified in writing that the terminal is in compliance with all requirements of this condition.
 - ii. If the terminal uses a terminal automation system to prevent gasoline cargo tanks that do not have valid cargo tank vapor tightness documentation from loading (e.g., via a card lock-out system), a copy of the documentation shall be made available (e.g., via facsimile) for inspection by the Department of Health during the course of a site visit, or within a mutually agreeable time frame. The copy of each record shall be an exact duplicate image of the original paper record with certifying

signatures and the Department of Health must be notified in writing that the terminal is in compliance with the requirements of this condition.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-11, §11-60.1-90, §11-60.1-161; 40 CFR §60.505; §63.11092; SIP §11-60-15)^{1,2}

4. Pressure Measurement

The permittee shall operate and maintain a calibrated pressure measurement device (e.g., liquid manometer, magnehelic gauge, or equivalent instrument), capable of measuring up to 500 mm of water gauge pressure with ± 2.5 mm of water precision for purposes of the requirements specified in Attachment IIC, Special Condition No. C.3. The device shall be operated on the terminal's vapor collection system at a pressure tap located as close as possible to the connection with the gasoline tank truck.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90, §11-60.1-161; 40 CFR 60.503; SIP §11-60-15)^{1,2}

5. CEMS at VRU Outlet

- a. The permittee calibrate, certify, operate, and maintain, according to manufacturer's specifications, a CEMS to measure and record the organic compound concentration of gasoline vapors at the VRU outlet.
- b. The CEMS shall be installed in the exhaust air stream of each carbon adsorption vessel of the VRU to continuously record the outlet organic compound concentration.
- c. The CEMS shall collect four (4) or more data values equally spaced over each hour and average the values over a 6-hour averaging period.
- d. To warn the operator of an excursion pursuant to Attachment IIC, Special Condition No. D.6.a, the maximum allowable organic compound concentration, measured as propane (C_3H_8), shall be set on the CEMS at 1.8% by volume (18,000 ppmv) based on a 6-hour average.
- e. To ensure compliance with the emissions limit specified in Attachment IIC, Special Condition No. C.4.a, the maximum allowable organic compound concentration, measured as propane (C_3H_8), shall be set on the CEMS at 3.7% by volume (37,000 ppmv) based on a 6-hour average.
- f. The permittee shall operate and maintain an alarm (e.g., visual alarm) to alert the operator when the organic compound concentration threshold specified in Attachment IIC, Special Condition No. D.5.d, is exceeded.
- g. The permittee shall operate and maintain an audible and visual high level alarm to alert the operator when the organic compound concentration threshold specified in Attachment IIC, Special Condition No. D.5.e is exceeded.

6. Compliance Assurance Monitoring (CAM)

The load rack is subject to the following CAM requirements to ensure compliance with the emissions limit specified in Attachment IIC, Special Condition No. C.4.a:

- a. The permittee shall follow the enclosed CAM plan for TOC emissions and record excursions. Excursions are incidences when the organic compound concentration measured by the CEMS as propane, exceeds 1.8% by volume (18,000 ppmv) over any 6-hour averaging period;
- b. The Department of Health reserves the right to require additional monitoring in accordance with Attachment IIC, Special Condition No. D.6.f, if a failure to achieve compliance with the TOC emissions limit is identified;
- c. Except for monitoring malfunctions, associated repairs, required quality assurance or control activities (including as applicable, calibration checks and required zero and span adjustments), the permittee shall conduct all monitoring in continuous operation at all times that the load rack and Tank Nos. 1, 3, 13, and 14, are vented to the VRU. Data recorded during monitoring malfunctions, associated repairs, and required quality assurance control activities shall not be used for purposes of reporting excursions, including data averages and calculations, or for fulfilling minimum data availability requirement. The permittee shall use all the data collected during all other periods in assessing the operation of the control device and associated control system. A monitoring malfunction is any sudden, infrequent, not reasonably preventable failure of the monitoring to provide valid data. Monitoring failures that are caused in part by poor maintenance or careless operation are not malfunctions;
- d. Upon detecting an excursion, the permittee shall restore operation of the load rack (including control device and associated capture system [vapor line with manifold connecting load rack with Tank Nos. 1, 3, 13, and 14]) to its normal or usual manner of operation as expeditiously as practicable in accordance with good air pollution control practices for minimizing emissions. The response shall include minimizing the period of any start-up, shut-down, or malfunction and taking any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of the excursion (other than those caused by excused start-up or shut-down conditions). Such actions may include initial inspection and evaluation, recording that operations returned to normal without operator action (such as through response by a computerized distribution control system), or any necessary follow-up actions to return operation to within the applicable indicator range that would not cause an excursion as specified in Attachment IIC, Special Condition No. D.6.a;
- e. Determination of whether the permittee has used acceptable procedures in response to an excursion will be based on information available, which may include but is not limited to performance testing, monitoring results, review of operation and maintenance procedures and records, and inspection of the control device, associated capture system, and the process;
- f. If the permittee identifies a failure to achieve compliance with an emissions limit or standard for which monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of performance testing document a need to modify the existing indicator ranges or designated conditions, the permittee

shall promptly notify the Department of Health, and if necessary, submit a permit modification to address the necessary monitoring changes. Such a modification may include, but is not limited to, reestablishing indicator ranges or designated conditions, modifying the frequency of conducting monitoring and collecting data, or the monitoring of additional parameters; and

- g. The Department of Health may require the permittee to develop a quality improvement plan (QIP) in accordance with 40 CFR §64.8.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161; 40 CFR §52.21, §64.4, §64.7, §64.8)¹

7. Monthly Leak Inspections

Equipment leak records shall be kept in accordance with Attachment IIA, Special Condition No. D.2.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90, §11-60.1-161; 40 CFR §60.502, §60.505; SIP §11-60-15)^{1,2}

8. Maintenance

The permittee shall keep maintenance records of all component replacements and additions for the vapor collection system, VRU, and bottom loading load rack.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90, §11-60.1-161; 40 CFR 60.505; SIP §11-60-15)^{1,2}

9. Tank Truck Owner Notification

The permittee shall keep documentation of all notifications made to owners or operators of gasoline tank trucks that were found to be non-vapor tight, as required by Attachment IIC, Special Condition No. C.2.d.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90, §11-60.1-161; 40 CFR 60.505; SIP §11-60-15)^{1,2}

10. Performance Tests

Records shall be kept on all performance test reports documenting the results. For each performance test, the propane concentration at the VRU outlet shall be recorded by the CEMS.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90, §11-60.1-161)

11. 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, §11-60.1-161; 40 CFR §63.11094)

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. 16, 17, and 24, respectively:

- a. Intent to shut down air pollution control equipment for necessary scheduled maintenance;
- b. Emissions of air pollutants in violation of HAR, Chapter 11-60.1 or this permit (excluding technology-based emission exceedences 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; SIP §11-60-10; §11-60-16)²

2. Notifications

- a. The permittee shall submit to the Department of Health and U.S. EPA, Region 9, notification of compliance status as specified in 40 CFR §63.9(h). Notification of compliance status shall be submitted in accordance with Attachment IIB, Special Condition No. E.8.
- b. The permittee shall submit to the Department of Health and U.S. EPA, Region 9, additional notifications specified in 40 CFR §63.9, as applicable.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-11, §11-60.1-90; 40 CFR §63.11093)¹

3. 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 additional 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)

4. 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. The reporting of annual emissions is due **within sixty (60) days** following the end of each calendar year. Completion and submittal of the **Annual Emissions Report Form: Bottom Loading Load Rack**, shall be used for reporting.
- b. Upon the written request of the permittee, the deadline for reporting annual emissions may be extended, if the Department of Health determines that reasonable justification exists for the extension.

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

5. Monitoring Report

The permittee shall submit **semi-annually** the following written reports to the Department of Health and U.S. EPA, Region 9. The report 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). The enclosed **Monitoring Report Form: Bottom Loading Load Rack** and **Monitoring Report Form: Malfunctions** shall be used for reporting.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-11, §11-60.1-90, SIP §11-60-15)²

6. Excess Emissions Report

The permittee shall complete and submit an excess emissions report to the Department of Health and U.S. EPA, Region 9, at the time the semi-annual monitoring reports specified in Attachment IIC, Special Condition No. E.5 are submitted. The enclosed **Excess Emissions Report Form – Bottom Loading Load Rack** shall be used for reporting.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-90, 40 CFR §63.11089, 40 CFR §63.11095)

7. Performance Testing

- a. **At least sixty (60) days prior** to conducting a source performance test, the permittee shall submit a source test plan in accordance with Attachment IIC, Special Condition No. F.5.

- b. **Within sixty (60) days after** completion of a source performance test, the permittee shall submit the test results as specified in Attachment IIC, Special Condition No. F.6.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-11, §11-60.1-90, §11-60.1-161; 40 CFR 60.8, §60.503, 63.11093; SIP §11-60.1-15)^{1,2}

8. Compliance Certification

- a. During the permit term, the permittee shall submit **at least annually** to the Department of Health and U.S. EPA, Region 9, the attachment **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 of Health, 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 of Health determines that reasonable justification exists for the extension.

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

Section F. Testing Requirements

1. Performance Testing

- a. On an annual basis, or at such other times as determined by the Department of Health, the permittee shall conduct or cause to be conducted performance testing on the vapor collection system and VRU servicing load rack and Tank Nos. 1, 3, 13, and 14.

- b. Performance testing shall be conducted to determine compliance with Attachment IIB, Special Condition Nos. C.2.a and C.2.b, and Attachment IIC, Special Conditions Nos. C.3.d and C.4.a.
- c. Performance tests shall be conducted while operating the load rack and filling one or more gasoline storage tanks connected to VRU simultaneously.
- d. The CEMS shall be operational while conducting the performance test. Verification of operational status shall, as a minimum, include completion of the manufacturer's written requirements or recommendations for installation, operation, and calibration of the device.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-11, §11-60.1-90, §11-60.1-161; 40 CFR §60.8, §60.503; SIP §11-60-15)^{1,2}

2. Testing Expense and Monitoring

The permittee shall provide sampling and testing facilities at its own expense and the Department of Health may monitor the tests performed at the facility.

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

3. Test Procedures

- a. To determine compliance with Attachment IIB, Special Condition No. C.2.a for the closed vent system and to identify which areas of the vapor collection system need repairs, an instrument shall be used to determine the presence of leaking sources. The procedure shall be performed immediately before the performance test to monitor leakage of vapors from all potential sources of the vapor collection system. Any areas measured as 500 ppm (as methane) or greater, shall be repaired prior to conducting the performance test.
- b. To determine compliance with Attachment IIC, Special Condition No. C.3.d, during the performance test, the pressure shall be recorded every five (5) minutes while a gasoline tank 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.
- c. Compliance with Attachment IIB, Special Condition No. C.2.b and Attachment IIC, Special Condition No. C.4.a shall be determined as follows:
 - i. The performance test shall be six (6) hours long during which at least 300,000 liters of gasoline shall be loaded (i.e., loading gasoline at load rack and filling gasoline into one or more tanks connected to VRU simultaneously). If this is not possible, the test may be continued the same day until 300,000 liters of gasoline are loaded or the test may be resumed the next day with another complete 6-hour period. In the later case, the 300,000 liter criterion need not be met. As much as possible, testing should be conducted during the 6-hour period in which the highest throughput normally occurs.

- ii. If the VRU is intermittent in operation, the performance test shall begin at a reference vapor holder level and shall end at the same reference point. The test shall include at least two (2) startups and shutdowns of the VRU. If this does not occur under automatically controlled operations, the system shall be manually controlled.
- iii. The emission rate (E) of total organic compounds shall be computed using the equation described in 40 CFR Part 60, §60.503(c)(3).
- iv. The performance test shall be conducted in intervals of five (5) minutes. For each interval "I," readings from each measurement shall be recorded, and the volume exhausted (V_{esi}) and the corresponding average total organic compounds concentration (C_{ei}) shall be determined. The sampling system response time shall be considered in determining the average total organic compound concentration corresponding to the volume exhausted.
- v. To determine the volume (L) of gasoline dispensed during the performance test period, terminal records or readings from gasoline dispensing meters shall be used.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90, §11-60.1-161; 40 CFR 60.8; 40 CFR 60.503; SIP §11-60-15)^{1,2}

4. Test Methods

- a. Performance tests shall be conducted and results reported in accordance with the test methods and procedures set forth in 40 CFR §60.8, 40 CFR §60.503, and 40 CFR 60, Appendix A. The following test methods and provisions or EPA-approved equivalent test methods shall be used:
 - i. Method 21, Determination of Volatile Organic Compound Leaks. The instrument used for leak testing shall be calibrated before use each day of its use by the procedures specified in Method 21. The following calibration gases shall be used:
 - (1) Zero air (less than 10 ppm of hydrocarbon in air); and
 - (2) A mixture of methane and air at a concentration of about, but less than, 500 ppm methane.
 - ii. Method 2A, Direct Measurement of Gas Volume Through Pipes and Small Ducts. This procedure is to be used for all vapor type processing systems except combustion type processing systems.
 - iii. The following methods shall be used to determine the total organic compound concentration exiting the vapor recovery unit:
 - (1) Method 25A, Determination of Total Gaseous Organic Concentration Using a Flame ionization Analyzer; or
 - (2) Method 25B, Determination of Total Gaseous Organic Concentration Using a Nondispersive Infrared Analyzer.

- b. 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 of Health before the tests.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90; 40 CFR 60.8, 40 CFR §60.503, §63.11092; SIP §11-60-15)^{1,2}

5. Performance Test Plan

At least sixty (60) days prior to conducting the performance test, the permittee shall submit a written performance test plan to the Department of Health and U.S. EPA, Region 9, that includes date(s) of the test, test duration, test methods, source operation, and any other parameters that may affect the test results. A test plan that does not have the approval of the Department of Health may be grounds to invalidate any test and require a retest.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-11, §11-60.1-90; 40 CFR §60.8; SIP §11-60-15)^{1,2}

6. Performance Test Report

Within sixty (60) days after completion of the performance tests, the permittee shall submit to the Department of Health the test report which includes the operating conditions of the bottom loading load rack, gasoline storage tanks, and vapor recovery system, at the time of the test (e.g., gasoline throughput and number of leaks repaired prior to testing), the summarized test results, other pertinent support calculations, field/laboratory data, and parameters required pursuant to Attachment IIB, Special Condition No. D.5.b.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-11, §11-60.1-90, §11-60.1-161, 40 CFR 60.503; SIP §11-60-15)^{1,2}

7. Performance Test Waiver

Upon written request and justification, the Department of Health 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; 40 CFR §63.7)¹

Section G. Agency Notification

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

(Auth.: HAR §11-60.1-4, §11-60.1-90)

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

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

**ATTACHMENT IID: SPECIAL CONDITIONS
MARINE VESSEL LOADING DOCK
COVERED SOURCE PERMIT NO. 0092-02-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 IID of this permit encompasses equipment at the marine vessel loading dock consisting of pipelines, flanges or other connectors, fittings, piping, pumps, and valves at Pier 31 for loading and unloading of volatile organic liquid to and from marine vessel storage tanks. Equipment under Attachment IID includes the entire marine vessel loading system, except for exhaust ports or stacks.

(Auth.: HAR §11-60.1-3)

Section B. Operational Limitations

1. Loading Dock Throughput

- a. The total combined gasoline and denatured ethanol throughput of the marine vessel loading dock shall not exceed 16,000,000 gallons in any rolling twelve-month (12-month) period for product loaded into marine vessel storage tanks.
- b. The total throughput of the marine vessel loading dock shall not exceed 9,156,000 gallons of distillate fuel in any rolling twelve-month (12-month) period for product loaded into marine vessel storage tanks.

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

2. Equipment

Equipment and components for the marine vessel loading dock shall be properly connected and fully functional at all times to prevent vapor and liquid leaks when transferring VOL.

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

3. Leak Inspection and Repair

At least quarterly, the marine vessel loading dock shall be inspected for volatile organic liquid or vapor leaks during the loading of marine vessels. For purposes of this condition, detection methods incorporating sight, sound, or smell are acceptable. Each detection of a leak shall be repaired **within fifteen (15) calendar days** after it is detected.

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

4. Maintenance

Equipment and components from the marine vessel loading dock that transfer VOL shall be properly maintained and kept in good operating condition at all times. The permittee shall inspect and maintain equipment and components from the marine vessel loading dock to prevent vapor and liquid leaks when transferring VOL.

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

Section C. Monitoring and Recordkeeping Requirements

1. Records

All records, including support information, shall be maintained at the facility for at least five (5) years from the date of the monitoring samples, measurements, tests, reports, or application. Support information includes all 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 of Health or its representative upon request.

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

2. Leak Inspection and Repair

Records shall be maintained on each quarterly inspection performed. Records shall include the date of inspection, findings, leak determination method, corrective actions taken, reasons for any repair interval in excess of fifteen (15) days, and the inspector's name. Inspection findings shall state whether or not leaks are detected. For each leak detected, record the location, nature, and severity of each leak.

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

3. Loading Dock Throughput

Prior to loading and/or unloading any volatile organic liquid at the marine vessel loading dock, the permittee shall record the tank gauge readings to monitor the throughput of each type of VOL loaded into marine vessel storage tanks. The total throughput of each type of VOL loaded into marine vessel storage tanks shall be maintained on a rolling twelve-month (12-month) basis.

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

Section D. 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. 16, 17, and 24, respectively:

- a. Intent to shut down air pollution control equipment for necessary scheduled maintenance;
- b. Emissions of air pollutants in violation of HAR, Chapter 11-60.1 or this permit (excluding technology-based emission exceedences due to emergencies); and
- c. Permanent discontinuance of construction, modification, relocation, or operation of the facility, or any storage tank 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; SIP §11-60-16)²

2. Deviations

The permittee shall report in writing **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. 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 HAPs. The reporting of annual emissions is due **within sixty (60) days following** the end of each calendar year. Completion and submittal of the **Annual Emissions Report Form: Marine Vessel Loading Dock**, shall be used for reporting.
- b. Upon the written request of the permittee, the deadline for reporting annual emissions may be extended, if the Department of Health determines that reasonable justification exists for the extension.

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

4. Monitoring Report

The permittee shall submit **semi-annually** the following written report to the Department of Health. The report 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). The enclosed **Monitoring Report Form: Marine Vessel Loading Dock**, shall be used for reporting.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-11, §11-60.1-90, SIP §11-60-15)¹

5. Inspection, Maintenance, and Repair Log

The permittee shall maintain records on inspections (e.g., liquid and vapor leak inspections), maintenance, and any repair work conducted on equipment used to transfer VOL at the marine loading dock. At a minimum, these records shall include:

- a. The date of the inspection/repair work;
- b. The date and description of the findings or any maintenance or repair work performed;
- c. The name and title of personnel performing the inspection/work; and
- d. Part(s) inspected or repaired.

6. Compliance Certification

- a. During the permit term, the permittee shall submit at least **annually** to the Department of Health 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 of Health, 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 of Health determines that reasonable justification exists for the extension.

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

Section E. Agency Notification

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

(Auth.: HAR §11-60.1-4, §11-60.1-90)

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

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

**ATTACHMENT II – INSIG: SPECIAL CONDITIONS
INSIGNIFICANT ACTIVITIES
COVERED SOURCE PERMIT NO. 0092-02-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 II-INSIG encompasses the following insignificant activities:
 - a. 310,800 gallon vertical fixed cone roof Tank No. 8;
 - b. 474,600 gallon vertical fixed cone roof Tank No. 10;
 - c. 222,600 gallon vertical fixed cone roof Tank No. 11;
 - d. 222,600 gallon vertical fixed cone roof Tank No. 12;
 - e. 117,600 gallon vertical fixed cone roof Tank No. 15;
 - f. 117,600 gallon vertical fixed cone roof Tank No. 16;
 - g. 12,684 gallon vertical fixed cone roof Tank No. 18;
 - h. 6,000 gallon horizontal additive Tank No. 20;
 - i. 6,000 gallon horizontal fixed roof transmix tank;
 - j. horizontal fixed roof recovered gasoline tank;
 - k. Oil/water separator; and
 - l. Lubricant storage.

Section B. Operational Limitations

1. The permittee shall take measures to operate insignificant activities in accordance with the provisions of HAR, Subchapter 2.

(Auth.: HAR §11-60.1-3, §11-60.1-82, §11-60.1-90)
2. The Department of Health 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 of Health reserves the right to require monitoring, recordkeeping, or testing of any insignificant activity to determine compliance with the applicable requirements.

(Auth.: HAR §11-60.1-3, §11-60.1-90)

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

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

Section D. Notification and Reporting

1. Compliance Certification

- a. During the permit term, the permittee shall submit at least **annually** to the Department of Health 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. 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;
 - v. 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 Part 64 occurred; and
 - vi. Any additional information as required by the Department of Health including information to determine compliance.
- b. In lieu of addressing each emission unit as specified in the attached **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.
- c. 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 or authorized representative.
- d. Upon written request of the permittee, the deadline for submitting the compliance certification may be extended, if the Department of Health determines that reasonable justification exists for the extension.

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

CSP No. 0092-02-C
Attachment II - INSIG
Page 3 of 3
Issuance Date:
Expiration Date:

PROPOSED

Section E. Agency Notification

1. 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. 0092-02-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 permit tee shall comply with the provisions of HAR, Chapter 60.1:

1. Annual fees shall be paid in full:
 - a. Within **sixty (60) 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. 0092-02-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 forms:

Annual Emissions Report Form: Storage Tanks

Annual Emissions Report Form: Bottom Loading Load Rack

Annual Emissions Report Form: Marine Vessel Loading Dock

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. 0092-02-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. 0092-02-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. 0092-02-C
(CONTINUED, PAGE 3 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 piece of 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</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

(Make Additional Copies if Needed)

**COMPLIANCE CERTIFICATION FORM
COVERED SOURCE PERMIT NO. 0092-02-C
(CONTINUED, PAGE 4 OF ___)**

Issuance Date:

Expiration Date:

D. Deviations

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

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

(Make Additional Copies if Needed)

**ANNUAL EMISSIONS REPORT FORM
STORAGE TANKS
COVERED SOURCE PERMIT NO. 0092-02-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 following information:

(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: _____

Responsible Official (signature): _____

1. Report the following information for the reporting period:

TANK & PRODUCT DESCRIPTION	TANK NUMBER								
	1			2			3		
TANK CAPACITY (gallons)									
TANK DIAMETER (feet)									
DECK TYPE (bolted/welded)									
PRODUCT NAME	1			1			1		
	2			2			2		
	3			3			3		
TRUE VAPOR PRESSURE (psia)	1	2	3	1	2	3	1	2	3
LIQUID MOLECULAR WEIGHT									
VAPOR MOLECULAR WEIGHT									
AVG. STORAGE TEMPERATURE (°F)									
	1			1			1		
	2			2			2		
	3			3			3		

**ANNUAL EMISSIONS REPORT FORM
STORAGE TANKS
COVERED SOURCE PERMIT NO. 0092-02-C
(PAGE 2 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 following information:

1. Report the following information for the reporting period (continued):

TANK & PRODUCT DESCRIPTION	TANK NUMBER								
	6			13			14		
TANK CAPACITY (gallons)									
TANK DIAMETER (feet)									
DECK TYPE (bolted/welded)									
PRODUCT NAME	1			1			1		
	2			2			2		
	3			3			3		
TRUE VAPOR PRESSURE (psia)	1	2	3	1	2	3	1	2	3
LIQUID MOLECULAR WEIGHT									
VAPOR MOLECULAR WEIGHT									
AVG. STORAGE TEMPERATURE (°F)									
	1			1			1		
	2			2			2		
	3			3			3		

**ANNUAL EMISSIONS REPORT FORM
BOTTOM LOADING LOAD RACK
COVERED SOURCE PERMIT NO. 0092-02-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:

(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: _____

Responsible Official (signature): _____

1. Report the product throughput for the reporting period:

BOTTOM LOADING LOAD RACK	
Product Loaded	Throughput (gallons per year)
Ethanol Blended Gasoline	
Classic Gasoline (contains no ethanol)	
Distillate Oil	

**ANNUAL EMISSIONS REPORT FORM
MARINE VESSEL LOADING DOCK
COVERED SOURCE PERMIT NO. 0092-02-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:

(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: _____

Responsible Official (signature): _____

1. Report the throughput of product loaded into marine vessel storage tanks for the reporting period:

MARINE VESSEL LOADING DOCK	
Product Loaded	Throughput (gallons per year)
Ethanol Blended Gasoline	
Classic Gasoline (contains no ethanol)	
Denatured Ethanol	
Distillate Oil	

**MONITORING REPORT FORM
STORAGE TANKS
COVERED SOURCE PERMIT NO. 0092-02-C
(PAGE 2 OR 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 and U.S. EPA, Region 9, the following information semi-annually:

- 3. For the reporting period, attach the following information as applicable for Tank Nos. 2 and 6:
 - a. Information required from 40 CFR §60.115b(a) for complying with Option 2(b) in Table 1 of 40 CFR Part 63, Subpart BBBBBB; and
 - b. Information required from 40 CFR §63.1066 for complying with Option 2(d) in Table 1 of 40 CFR Part 63, Subpart BBBBBB.

- 4. For Tank Nos. 1, 3, 13, and 14, identify all incidences when the VRU blower was not operating to vent vapors from tanks to the VRU at a tank vapor space pressure greater than or equal to 1.8 inches of water gauge:

Date	Tank Vapor Space Pressure (inches of H ₂ O)	Corrective Action(s)

**MONITORING REPORT FORM
BOTTOM LOADING LOAD RACK
COVERED SOURCE PERMIT NO. 0092-02-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 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: _____

Responsible Official (signature): _____

1. Report the loading rack throughput for the reporting period:

Load Rack Throughput (gallons)				
Month	Gasoline and Denatured Ethanol		Distillate Fuel	
	Monthly Total	Rolling 12-Month Total	Monthly Total	Rolling 12-Month Total
January				
February				
March				
April				
May				
June				
July				
August				
September				
October				
November				
December				

2. Report excursions when organic compound concentration measured by CEMS at VRU outlet as propane exceeded 1.8% by volume (18,000 ppmv):

Date	Propane Concentration	Corrective Action(s)

**MONITORING REPORT FORM
MARINE VESSEL LOADING DOCK
COVERED SOURCE PERMIT NO. 0092-02-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 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: _____

Responsible Official (signature): _____

1. Report the marine vessel loading dock throughput of product loaded into marine vessel storage tanks for the reporting period:

Loading Dock Throughput (gallons)				
Month	Gasoline and Denatured Ethanol		Distillate Fuel	
	Monthly Total	Rolling 12-Month Total	Monthly Total	Rolling 12-Month Total
January				
February				
March				
April				
May				
June				
July				
August				
September				
October				
November				
December				

**EXCESS EMISSIONS REPORT FORM
BOTTOM LOADING LOAD RACK
COVERED SOURCE PERMIT NO. 0092-02-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 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: _____

Responsible Official (signature): _____

1. For the reporting period, report each instance a non-vapor-tight gasoline cargo tank loading occurred in which the permittee did not take steps to assure the cargo tank would not be reloaded before vapor tightness documentation for that cargo tank was obtained:

Cargo Tank Identification Number	Date of Loading

2. For the reporting period, report each reloading of a non-vapor-tight cargo tank before vapor tightness documentation for that cargo tank is obtained in accordance with 40 CFR §63.11094(b):

Cargo Tank Identification Number	Date of Loading

3. For the reporting period, report all incidences when the VOC concentration measured by CEMS as propane at VRU outlet, exceeded 3.7% by volume (37,000 ppmv):

Date	Propane Concentration

**COMPLIANCE ASSURANCE MONITORING PLAN
TOTAL ORGANIC COMPOUNDS
COVERED SOURCE PERMIT NO. 0092-02-C
(PAGE 1 OF 2)**

Issuance Date:

Expiration Date:

I. Background

A. Emissions Unit

Bottom Loading Load Rack and Tanks Connected to VRU

B. Applicable Regulation, Emissions Limit, and Monitoring Requirements

Regulation: 40 CFR Part 60, Subpart XX

Emissions Limit: TOCs – 35 mg/l gasoline loaded

C. Control Technology

Vapor Recovery Unit

II. Monitoring Approach

A. Indicators

Propane concentration in percent by volume or ppmv measured by CEMS
An alarm activates to alert operator if an excursion is measured

B. Measurement Approach

Presumptive acceptable continuous monitoring of propane concentration at VRU outlet

C. Indicator Range

An excursion is a propane concentration measured by the CEMS at VRU outlet that is greater than 1.8% by volume (18,000 ppmv) over a 6-hour averaging period

D. Performance Criteria

Data Representativeness: Propane CEMS operated and maintained in accordance with manufacturer's instructions

Verification of Operational Status: Completion of the manufacturer's written requirements for installation, operation, and calibration of the CEMS

QA/QC Practices and Criteria: The CEMS calibrated and maintained in accordance with manufacturer's recommendations
The CEMS manually calibrated if automatic calibration indicates unit is out of calibration

**COMPLIANCE ASSURANCE MONITORING PLAN
TOTAL ORGANIC COMPOUNDS
COVERED SOURCE PERMIT NO. 0092-02-C
(PAGE 2 OF 2)**

Issuance Date:

Expiration Date:

D. Performance Criteria (continued)

Monitoring Frequency:	Propane concentration recorded continuously
Data Collection Procedures:	Propane concentration recorded continuously CEMS collects four (4) or more data values equally spaced over each hour
Averaging Period:	6-hour average propane concentration