PROPOSED

Issue Date

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
(xxxx xxxx xxxx xxxx xxxx)

12-xxxE CAB
File No. 0066

Mr. Wade K. Nakashima
Manager, Supply and Distribution-Hawaii
Tesoro Hawaii, LLC
431 Kuwili Street, 2nd Floor
Honolulu, Hawaii 96817

Dear Mr. Nakashima:

Subject: Covered Source Permit (CSP) No. 0066-03-C
Renewal Application No. 0066-09
Tesoro Hawaii, LLC
Hilo Terminal No. 3
Located at: 607 Kalanianaole Avenue, Hilo, Hawaii
Date of Expiration: 5 Years from Issue Date

The subject covered source permit is issued in accordance with Hawaii Administrative Rules (HAR), Title 11, Chapter 60.1. The issuance of this permit modification is based on the plans, specifications, and information that you submitted as part of your application received on October 5, 2012. The conditions of this permit renewal supersede all conditions contained in all prior permits.

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

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

PROPOSED

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
Monitoring Report Form – Equipment Leaks
Monitoring Report Form – Storage Tanks
Monitoring Report Form – Bottom Loading Load Rack
Excess Emissions Report Form – Equipment Leaks
Excess Emissions Report Form – Bottom Loading Load Rack

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 Hawaii 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:smk
Enclosures

c: Ed Yamamoto, EHS - Hilo
CAB Monitoring Section

PROPOSED

ATTACHMENT I: STANDARD CONDITIONS
COVERED SOURCE PERMIT NO. 0066-03-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 to such date;
    b. The **actual date of construction commencement** within fifteen (15) days after such date; and
    c. The **actual date of start-up** within fifteen (15) days after such date.

    (Auth.: HAR §11-60.1-90)

15. The permittee shall furnish, in a timely manner, any information or records requested in writing by the Department 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
    Hawaii Department of Health
    919 Ala Moana Boulevard, Room 203
    Honolulu, HI 96814

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

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

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

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

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

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[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. 0066-03-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, and vapor collection systems. Equipment under Attachment IIA also includes the entire vapor processing system except for exhaust port(s) or stack(s).

   (Auth.: HAR §11-60.1-3)

Section B. Applicable Federal Regulations

1. Each piece of equipment in gasoline service is subject to the provisions of the following federal regulations:

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

   (Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161; 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 a 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; and
vii. The date of successful repair of the leak.

(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. Deviations

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

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

3. Monitoring Report

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** shall be used for reporting.

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

4. 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 report specified in Attachment IIA, Special Condition No. E.3 is 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)

5. 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 in 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.

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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)

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[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 IIB: SPECIAL CONDITIONS - STORAGE TANKS
COVERED SOURCE PERMIT NO. 0066-03-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:

Tank No.	Capacity (gallons)	Tank Description
3708	420,000	internal floating roof with primary seal and optional secondary seal
4279	420,000	internal floating roof with primary seal and optional secondary seal
4298	1,680,000	internal floating roof with primary seal and optional secondary seal
4299	159,600	internal floating roof with primary seal and optional secondary seal
------	greater than or equal to 40,000 gallons	Tanks storing volatile organic liquid with true vapor pressure equal to or greater than 1.5 psia

(Auth.: HAR §11-60.1-3)

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

(Auth.: HAR §11-60.1-5)

Section B. Applicable Federal Regulations

1. Storage Tank Nos. 3708, 4279, 4298, and 4299 are subject to the provisions of the following federal regulations:

   a. 40 CFR Part 60, New Source Performance Standard (NSPS), Subpart A – General Provisions;
   b. 40 CFR Part 60, NSPS, Subpart Kb, Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984;
   c. 40 CFR Part 63, NESHAP, Subpart A, General Provisions; and
   d. 40 CFR Part 63, NESHAP, Subpart BBBBBB, National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161; 40 CFR §60.2, §60.110b, §63.11081)[1]

PROPOSED

2. The storage tanks are subject to the control requirements specified in 40 CFR Part 60, Subpart Kb, and are deemed in compliance with 40 CFR Part 63, Subpart BBBBBB, if requirements of 40 CFR Part 60, Subpart Kb, are met.

   (Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161; 40 CFR §63.11087)[1]

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

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

Section C. Operational Limitations and Standards

1. Construction and Operation

   a. 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:

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

   b. Tank Nos. 3708, 4279, 4298, and 4299 shall have a fixed roof with an internal floating roof and meet the following specifications:

      i. The true vapor pressure of the volatile organic liquid (VOL) stored shall be maintained below 11.1 psia at all times.
      ii. The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside the fixed roof storage tank. The internal floating roof shall be floating on the liquid surface at all times except during initial fill and during those intervals when the storage tank is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible.
      iii. The storage tanks shall be equipped with one of the following closure devices between the wall of the storage tank and the edge of the internal floating roof:

         (1) A foam or liquid-filled seal mounted in contact with the liquid (liquid-mounted seal);

(2) Two (2) seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage tank and the edge of the internal floating roof. The lower seal may be vapor-mounted, but both must be continuous; or
(3) A mechanical shoe seal.

iv. Each opening in a non-contact internal floating roof except for automatic bleeder vents (vacuum breaker vents) and rim space vents is to provide a projection below the liquid surface.
v. Each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains is to be equipped with a cover or lid which is to be maintained in a closed position at all times (i.e., no visible gap) except when the device is in actual use. The cover or lid shall be equipped with a gasket. Covers on each access hatch and automatic gauge float well shall be bolted except when they are in use.
vi. Automatic bleeder vents shall be equipped with a gasket and are to be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports.
vii. Rim space vents shall be equipped with a gasket and are to be set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting.
viii. Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The sample well shall have a slit fabric cover that covers at least ninety (90) percent of the opening.
ix. Each penetration of the internal floating roof that allows for the passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover.
x. Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover.

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

2. Tank Operation and Maintenance

The permittee, at all times, shall operate and maintain the storage tanks, including associated air pollution control equipment, in a manner consistent with safety and good air pollution control practice for minimizing emissions. Determination of whether such operation and maintenance procedures are being used will be based on information available, which may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161; 40 CFR §63.11085)[1]

Section D. Monitoring and Recordkeeping Requirements

1. Records

Except for the record required by Attachment IIB, Special Condition No. D.6.d, 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. Inspection Reports

a. For a tank equipped with the seal system specified in Attachment IIB, Special Condition No. C.1.b.iii.(1), inspect in accordance with Attachment IIB, Special Condition Nos. D.3, D.4, and D.5.
b. For a tank equipped with the double-seal system specified in Attachment IIB, Special Condition No. C.1.b.iii.(2), inspect in accordance with:

   i. Attachment IIB, Special Condition Nos. D.3, D.4, and D.5; or alternatively
   ii. Attachment IIB, Special Condition Nos. D.3 and D.5, except that for the requirements of Special Condition No. D.5, inspect at least every **five (5) years** instead of ten (10) years.

c. For a tank equipped with a system as specified in Attachment IIB, Special Condition No. C.1.b.iii.(3), inspect in accordance with Attachment IIB, Special Condition Nos. D.3, D.4, and D.5.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-11, §11-60.1-90, §11-60.1-161; 40 CFR §60.113b; SIP §11-60-15)[1,2]

3. Initial Inspection

After installing the control equipment required to meet Attachment IIB, Special Condition Nos. C.1.b.i through C.1.b.x, the permittee shall visually inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service), prior to filling the storage tank with VOL. If there are holes, tears, or other openings in the primary seal, the secondary seal, or the seal fabric or defects in the internal floating roof, or both, the permittee shall repair the items before filling the storage vessel.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-11, §11-60.1-90, §11-60.1-161; 40 CFR §60.113b; SIP §11-60-15)[1,2]

4. Annual Inspection

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

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-11, §11-60.1-90, §11-60.1-161; 40 CFR §60.113b; SIP §11-60-15)[1,2]

5. Inspection after Tank Emptied and Degassed

The permittee shall visually inspect the internal floating roof, the primary seal, the secondary seal (if one is in service) gaskets, slotted membranes, and sleeve seals (if any) each time the storage tank is emptied and degassed. If the internal floating roof has defects, the primary seal has holes, tears, or other openings in the seal or seal fabric, or the gaskets no longer close off the liquid surfaces from the atmosphere, or the slotted membrane has more than ten (10) percent open area, the permittee shall repair the items, as necessary, so that none of the conditions specified in this paragraph exist before refilling the storage tank with VOL. In no event, shall inspections conducted in accordance with this condition occur at intervals greater than **ten (10) years** for tank inspections specified in Attachment IIB, Special Condition Nos. D.2.a, D.2.b.i, and D.2.c. In no event, shall inspections conducted in accordance with this condition occur at intervals greater than **five (5) years** for inspections specified in Attachment IIB, Special Condition No. D.2.b.ii.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-11, §11-60.1-90, §11-60.1-161; 40 CFR §60.113b; SIP §11-60-15)[1,2]

6. Records

a. The permittee shall keep records of each inspection performed as required by Attachment IIB, Special Condition Nos. D.3, D.4, and D.5. Records shall include the tank identification, the date the tank was inspected, and the observed condition of each component of the control equipment (seals, internal floating roof, and fittings, etc.).

b. For each storage tank, records shall be maintained on the type of VOL stored, the period of storage, and the maximum true vapor pressure (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) as follows:

   i. For vessels operated at ambient temperatures, the maximum true vapor pressure is calculated based upon the maximum local monthly average ambient temperature as reported by the National Weather Service.
   ii. For refined petroleum products, available data on the Reid vapor pressure and the maximum expected storage temperature of the stored product may be used to determine the maximum true vapor pressure from nomographs contained in the American Petroleum Institute Bulletin 2517 (incorporated by reference – see §60.17), unless the Department of Health specifically requests that the liquid be sampled, the actual storage temperature determined, and the Reid vapor pressure determined from the sample(s).
   iii. For other liquids, the vapor pressure may be obtained from standard reference texts, or determined by ASTM D2879, or measured by an appropriate method approved by the Department of Health, or calculated by an appropriate method approved by the Department of Health.

c. A tank gauging system shall be operated and maintained for each tank to determine the yearly throughput of product for purposes of annual emissions reporting.
d. Records showing the dimensions of each storage tank and an analysis showing the capacity of each storage tank shall be maintained for the life of each tank.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-11, §11-60.1-90, §11-60.1-161; 40 CFR, §60.115b, §60.116b; SIP §11-60-15)[1,2]

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, 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; §11-60-16)[1]

2. Inspection Reports

   a. The permittee shall furnish a report to the Department of Health and U.S. EPA, Region 9, after installing the control equipment in accordance with Attachment IIB, Special Condition Nos. C.1.b.i through C.1.b.x. The report shall describe the control equipment and certify that the control equipment meets the specifications of Attachment IIB, Special Condition No. C.1.b.i through C.1.b.x.
   b. If any of the conditions described in Attachment IIB, Special Condition No. D.4 are detected during the annual visual inspection, a report shall be furnished to the Department of Health and U.S. EPA, Region 9, **within thirty (30) days** of the inspection. Each report shall identify the storage vessel, the nature of the defects, and the date the storage vessel was emptied or the nature of and date the repair was made.
   c. A report shall be submitted to the Department of Health and U.S. EPA, Region 9, for inspections required by Attachment IIB, Special Condition No. D.2.b. This report shall be submitted within **thirty (30) days** if an inspection performed pursuant to Attachment IIB, Special Condition Nos. D.4 or D.5, finds holes or tears in the seal or seal fabric, or defects in the internal floating roof, or other control equipment defects listed in Attachment IIB, Special Condition No. D.4. The report shall identify the storage tank and the reason it did not meet the specifications of Attachment IIB, Special Condition Nos. C.1.b.i through C.1.b.x or Attachment IIB, Special Condition No. D.2.b and list each repair made.

   (Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-11, §11-60.1-90, §11-60.1-161; 40 CFR §60.113b, §60.115b; SIP §11-60-15)[1,2]

3. Notifications

   a. The permittee shall submit to the Department of Health and U.S. EPA, Region 9, notification specified in 40 CFR §63.9, as applicable. For example, an initial notification is required in accordance with 40 CFR §63.9(b)(1)(i) when a storage tank becomes subject to a relevant standard.
   b. The permittee shall notify the Department of Health in writing at least **thirty (30) days** prior to the filling or refilling of each storage tank for which an inspection is required by Attachment IIB, Special Condition Nos. D.3 and D.5. If the inspection required by Attachment IIB, Special Condition No. D.5 is unplanned and the required **thirty (30) day** advance notice cannot be given, the permittee shall notify the Department of Health at least **seven (7) days prior** to refilling the tank. Notification shall be made by telephone followed immediately by written documentation demonstrating why the inspection was unplanned. Alternatively, this notification, including the written documentation, may be made in writing and sent by express mail, so that the Department of Health receives the notice at least **seven (7) days prior** to the refilling.

   (Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-11, §11-60.1-90; 40 CFR§60.113b, §63.11093; SIP §11-60-15)[1,2]

4. Deviations

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

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

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. 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: 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 Report

The permittee shall submit **semi-annually** the following written report 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: Storage Tanks**, 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 in 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 in accordance with Attachment I, Standard Condition No. 28.

(Auth.: HAR §11-60.1-4, §11-60.1-90)

[1]The citations to the 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 IIC: SPECIAL CONDITIONS - BOTTOM LOADING LOAD RACK
COVERED SOURCE PERMIT NO. 0066-03-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 of this permit encompasses the following equipment and associated appurtenances:

   a. Bottom loading load rack with two (2) loading stations and four (4) total combined load arms; and
   b. John Zink vapor collection system with 3,600 gallon per minute capacity vapor recovery unit, model no. MR-2x184DT, job no. 99145.

   (Auth.: HAR §11-60.1-3)

2. The permittee shall install an identification tag or name plate on the vapor recovery unit which identifies the model no., job 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, NSPS, Subpart A, General Provisions;
   b. 40 CFR Part 60, NSPS, Subpart XX, Bulk Gasoline Terminals;
   c. 40 CFR Part 63, NESHAP, Subpart A, General Provisions; and
   d. 40 CFR Part 63, NESHAP, Subpart BBBBBB, National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities.

   (Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161; 40 CFR §60.2, §60.500, §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)

PROPOSED

Section C. Operational and Emission Limitations

1. Bottom Loading Load Rack

   a. The maximum product throughput of the bottom loading load rack shall not exceed 210,240,000 gallons per rolling twelve-month (12-month) period.
   b. The permitee shall notify the Department of Health and U.S. EPA, Region 9, in accordance with Attachment IIC, Special Condition No. E.2 after reaching a gasoline throughput of 250,000 gallons per day or greater.

   (Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161; 40 CFR §63.11083, §63.11088)[1]

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 Attachment IIC, Special Condition No. D.3;
   d. Notify the owner or operator of the respective tank truck within **one (1) week** after the loading has occurred if the documentation file shows a tank truck to be nonvapor-tight;
   e. Ensure that the non-vapor-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.

   (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 total organic compound vapors collected at one loading rack from passing to another loading rack.
   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 loading of a gasoline tank truck at the terminal. 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. Vapor Recovery Unit

a. Emissions to the atmosphere from the vapor recovery unit shall not exceed thirty-five (35) milligrams of total organic compounds per liter (35 mg/l) of gasoline loaded.
b. The vapor collection system and vapor recovery unit shall be connected, fully functional, and operational at all times whenever the load rack is in operation. 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 vapor recovery unit 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, §11-60.1-90, §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 loading rack handling gasoline shall be inspected during the loading of gasoline tank trucks for total organic compounds 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, §63.11088; SIP §11-60-15)[1,2]

PROPOSED

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, 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 an Accuload system to monitor the total throughput (gallons) of the bottom loading load rack. A record of daily throughput by product type shall be maintained and the cumulative throughput reported in accordance with Attachment IIC, Special Condition No. E.5.

   (Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90, §11-60.1-161)[2]

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 (Δ p, Δ v) 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 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. 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]

6. Vapor Recovery System

The carbon adsorbers for the vapor recovery system shall be opened **annually**, or at any other times as needed, and the carbon beds physically inspected for abnormalities or indications of improper operation (e.g., low carbon level). Any defects shall be documented and reported in accordance with Attachment IIC, Special Condition No. E.5.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90, §11-60.1-161; SIP §11-60-15)[1,2]

7. Monthly Leak Inspections

Leak inspection 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, vapor recovery unit, 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]

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

The permittee shall submit to the Department of Health and U.S. EPA, Region 9, notifications specified in 40 CFR §63.9, as applicable. For example, an initial notification is required in accordance with 40 CFR §63.9(b) after reaching a 250,000 gallon per day gasoline throughput pursuant to Attachment IIC, Special Condition No. C.1.b.
(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 report 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,** 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 report specified in Attachment IIC, Special Condition No. E.5 is 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 thirty (30) calendar 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; 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 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 in 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

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 tests on the load rack to determine compliance with Attachment IIC, Special Conditions Nos. C.3.d and C.4.a.

(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 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.
b. Compliance with 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. 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 six-hour (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 six-hour (6-hour) period in which the highest throughput normally occurs.
   ii. If the vapor recovery unit is intermittent in operation, the performance test shall begin at a reference vapor holder level and shall end at the same reference point. The test shall include at least two (2) startups and shutdowns of the vapor recovery unit. 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 Part 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. This procedure shall be performed immediately before the performance test to monitor leakage of vapors from all potential sources in the vapor collection system while a gasoline tank truck is being loaded. Any areas measured at 10,000 ppm (as methane) or greater, shall be repaired prior to conducting the performance test.
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, SIP §11-60-15)[1,2]

5. Performance Test Plan

   At least thirty (30) 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 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, and field/laboratory data.

   (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 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 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 II - INSIG
SPECIAL CONDITIONS - INSIGNIFICANT ACTIVITIES
COVERED SOURCE PERMIT NO. 0066-03

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. Oil water separator with 300 gallon tank; and
   b. 1,000 gallon waste water storage tank.

   (Auth.: HAR §11-60.1-3)

Section B. Operational Limitations

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

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

2. The Department 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 true, accurate, and maintained 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)

PROPOSED

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

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

Section E. Agency Notification

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)

PROPOSED

ATTACHMENT III: ANNUAL FEE REQUIREMENTS
COVERED SOURCE PERMIT NO. 0066-03-C

Issuance Date: **Expiration Date:**

The following requirements for the submittal of annual fees are established pursuant to HAR, Title 11, Chapter 60.1, Air Pollution Control. Should HAR, Chapter 60.1 be revised such that

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 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

PROPOSED

ATTACHMENT IV: ANNUAL EMISSIONS REPORTING REQUIREMENTS
COVERED SOURCE PERMIT NO. 0066-03-C

Issuance Date: **Expiration Date:**

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

1. Complete the attached forms:

   Annual Emissions Report Form: Storage Tanks
   Annual Emissions Report Form: Bottom Loading Load Rack

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 manufacturing, by submitting a written request to the Director and clearly identifying the specific information that is to be accorded confidential treatment.

PROPOSED

COMPLIANCE CERTIFICATION FORM
COVERED SOURCE PERMIT NO. 0066-03-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.

PROPOSED

COMPLIANCE CERTIFICATION FORM
COVERED SOURCE PERMIT NO. 0066-03-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

Permit term/condition	Equipment	Compliance
All standard conditions	All Equipment listed in the permit	☐ Continuous ☐ Intermittent

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

Permit term/condition	Equipment	Compliance
All monitoring conditions	All Equipment listed in the permit	☐ Continuous ☐ Intermittent
All recordkeeping conditions	All Equipment listed in the permit	☐ Continuous ☐ Intermittent
All reporting conditions	All Equipment listed in the permit	☐ Continuous ☐ Intermittent
All testing conditions	All Equipment listed in the permit	☐ Continuous ☐ Intermittent
All INSIG conditions	All Equipment listed in the permit	☐ Continuous ☐ Intermittent

PROPOSED

COMPLIANCE CERTIFICATION FORM
COVERED SOURCE PERMIT NO. 0066-03-C
(CONTINUED, PAGE ____ OF ___)

Issuance Date: **Expiration Date:**

C. Special Conditions - Operational and Emissions Limitations

Each permit term/condition shall be identified in chronological order using attachment and section numbers (e.g., Attachment II, B.1, Attachment IIA, Special Condition No. B.1.f, etc.). Each 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.

Permit term/condition	Equipment	Method	Compliance
		☐ monitoring ☐ recordkeeping ☐ reporting ☐ testing ☐ none of the above	☐ Continuous ☐ Intermittent
		☐ monitoring ☐ recordkeeping ☐ reporting ☐ testing ☐ none of the above	☐ Continuous ☐ Intermittent
		☐ monitoring ☐ recordkeeping ☐ reporting ☐ testing ☐ none of the above	☐ Continuous ☐ Intermittent
		☐ monitoring ☐ recordkeeping ☐ reporting ☐ testing ☐ none of the above	☐ Continuous ☐ Intermittent
		☐ monitoring ☐ recordkeeping ☐ reporting ☐ testing ☐ none of the above	☐ Continuous ☐ Intermittent
		☐ monitoring ☐ recordkeeping ☐ reporting ☐ testing ☐ none of the above	☐ Continuous ☐ Intermittent

(Make Additional Copies if Needed)

PROPOSED

COMPLIANCE CERTIFICATION FORM
COVERED SOURCE PERMIT NO. 0066-03-C
(CONTINUED, PAGE ___ OF ___)

Issuance Date: **Expiration Date:**

D. Deviations

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

PROPOSED

ANNUAL EMISSIONS REPORT FORM
STORAGE TANKS
COVERED SOURCE PERMIT NO. 0066-03-C
(PAGE 1 OF 2)

Issuance Date: **Expiration Date:**

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

(Make Copies for Additional Use)

For Reporting Period: _____ Date: _____

Company: _____

Facility name: _____

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

Responsible Official (print):_____

Title:_____

Responsible Official (signature/phone) _____

1. Report the following for the annual reporting period:

TANK & PRODUCT DESCRIPTION	**TANK NUMBER**					
	3708			**4279**		
TANK CAPACITY (gallons)						
TANK DIAMETER (ft)						
DECK TYPE (bolted/welded)						
PRODUCT NAME	1			1		
	2			2		
	3			3		
TRUE VAPOR PRESSURE	1	2	3	1	2	3
LIQUID MOLECULAR WEIGHT						
VAPOR MOLECULAR WEIGHT						
AVG. STORAGE TEMPERATURE (^{o}F)						
ANNUAL THROUGHPUT (gallons)	1			1		
	2			2		
	3			3		

PROPOSED

ANNUAL EMISSIONS REPORT FORM
STORAGE TANKS
COVERED SOURCE PERMIT NO. 0066-03-C
(CONTINUED, PAGE 2 OF 2)

Issuance Date: **Expiration Date:**

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

TANK & PRODUCT DESCRIPTION	**TANK NUMBER**					
	4298			**4299**		
TANK CAPACITY (gallons)						
TANK DIAMETER (ft)						
DECK TYPE (bolted/welded)						
PRODUCT NAME	1			1		
	2			2		
	3			3		
TRUE VAPOR PRESSURE	1	2	3	1	2	3
LIQUID MOLECULAR WEIGHT						
VAPOR MOLECULAR WEIGHT						
AVG. STORAGE TEMPERATURE (^{o}F)						
ANNUAL THROUGHPUT (gallons)	1			1		
	2			2		
	3			3		

PROPOSED

ANNUAL EMISSIONS REPORT FORM
BOTTOM LOADING LOAD RACK
COVERED SOURCE PERMIT NO. 0066-03-C

Issuance Date: **Expiration Date:**

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

(Make Copies for Additional Use)

For Reporting Period: _____ Date: _____

Company: _____

Facility name: _____

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

Responsible Official (print): _____

Title: _____

Responsible Official (signature/phone): _____

1. Report the following for the annual reporting period:

Product	**Total Throuhput (gallons/yr)**
Motor Gasoline	
Naphtha (Whole Straight Run Gasoline)	
Denatured Ethanol	
Other	

PROPOSED

MONITORING REPORT FORM
EQUIPMENT LEAKS
COVERED SOURCE PERMIT NO. 0066-03-C

Issuance Date: **Expiration Date:**

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

(Make Copies for Additional Use)

For Reporting Period: _____ Date: _____

Company: _____

Facility name: _____

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

Responsible Official (print): _____

Title: _____

Responsible Official (signature/phone): _____

1. For equipment leak inspection performed in accordance with Attachment IIA during the semi-annual reporting period, report each leak not repaired within fifteen (15) days after detection:

Leak Detection Date	Equipment Type and Identification Number	Reason Why Repair not Feasible	Date Repair Completed

PROPOSED

MONITORING REPORT FORM
STORAGE TANKS
COVERED SOURCE PERMIT NO. 0066-03-C

Issuance Date: **Expiration Date:**

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

(Make Copies for Additional Use)

For Reporting Period: _____ Date: _____

Company: _____

Facility Name: _____

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

Responsible Official (print): _____

Title: _____

Responsible Official (signature/phone): _____

1. Report true vapor pressure exceedances above 11.1 psia for the semi-annual reporting period:

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

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

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

PROPOSED

MONITORING REPORT FORM
BOTTOM LOADING LOAD RACK
COVERED SOURCE PERMIT NO. 0066-03-C
(PAGE 1 OF 2)

Issuance Date: **Expiration Date:**

In accordance with HAR, Title 11, Chapter 60.1, Air Pollution Control, the permittee shall report to the Department of Health the 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/phone): _____

1. Report the bottom loading load rack throughput for the semi-annual reporting period:

Month	Product			
	Naphtha (gallons)	Motor Gasoline (gallons)	Other (gallons)	Total Combined 12-Month Rolling Basis
January				
February				
March				
April				
May				
June				
July				
August				
September				
October				
November				
December				

PROPOSED

MONITORING REPORT FORM
BOTTOM LOADING LOAD RACK
COVERED SOURCE PERMIT NO. 0066-03-C
(PAGE 2 OF 2)

Issuance Date: **Expiration Date:**

2. For inspections of the carbon adsorbers performed in accordance with Attachment IIC, Special Condition No.D.6, report the following for the semi-annual reporting period:

Inspection Date	Description of any Defects

3. Report each loading of a gasoline cargo tank for which vapor tightness documentation had not been previously obtained.

Cargo Tank Identification Number	Notes

PROPOSED

EXCESS EMISSIONS REPORT FORM
EQUIPMENT LEAKS
COVERED SOURCE PERMIT NO. 0066-03-C

Issuance Date: **Expiration Date:**

In accordance with 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/phone): _____

1. For each occurrence of an equipment leak for which no repair attempt was made within five (5) days or for which repair was not completed within fifteen (15) days after detection, provide the information requested below.

Date Leak Detected	Date at Each Attempt to Repair Leak	Reasons for Delay of Repair	Date of Successful Repair

PROPOSED

EXCESS EMISSIONS REPORT FORM
BOTTOM LOADING LOAD RACK
COVERED SOURCE PERMIT NO. 0066-03-C

Issuance Date: **Expiration Date:**

In accordance with 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/phone): _____

1. Report in the following table, each instance of a non-vapor-tight gasoline cargo tank loading at the facility in which there was failure to take steps to assure that such cargo tank would not be reloaded at the facility before vapor tightness documentation for that cargo tank was obtained.

Cargo Tank Identification Number	Date of Loading

2. Report in the following table, 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