

**PROPOSED**

date

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

08-E CAB  
File No. 0307-02

Mr. David Keith  
General Manager Operations  
Aloha Petroleum, Ltd.  
1132 Bishop Street, 17<sup>th</sup> Floor  
Honolulu, Hawaii 96813

Dear Mr. Keith:

**Subject: Covered Source Permit (CSP) No. 0307-02-C**  
**Application for Modification No. 0307-05**  
**Aloha Petroleum, Ltd.**  
**Two (2) 10,000 bbl Internal Floating Roof Storage Tanks, Three (3) External**  
**Floating Roof Storage Tanks with Geodesic Domes and One (1) Tank**  
**Truck Load Rack**  
**Located at Hilo Sales Terminal, 999 Kalaniana'ole Avenue, Hilo, Hawaii**  
**Date of Expiration: July 31, 2012**

The subject covered source permit is amended and issued in accordance with Hawaii Administrative Rules, Title 11, Chapter 60.1. The issuance of this permit amendment is based on the plans, specifications, and information submitted as part of your application for modification dated October 30, 2007.

This covered source permit supersedes CSP No. 0307-02-C issued on September 11, 2001 and NSP No. 0322-02-N issued on March 30, 2006 in their entirety.

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 for Petroleum Storage Tanks
Attachment IIB:	Special Conditions for Tank Truck Load Rack
Attachment II-INSIG:	Special Conditions for Insignificant Activities
Attachment III:	Annual Fee Requirements
Attachment IV:	Annual Emissions Reporting Requirements

**PROPOSED**

Mr. David Keith  
date  
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The following forms are enclosed for your use and submittal:

Compliance Certification Form  
Annual Emissions Report Form: Internal/External Floating Roof Storage Tank  
Annual Emissions/Monitoring Report Form: Tank Truck 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 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,

THOMAS E. ARIZUMI, P.E., CHIEF  
Environmental Management Division

SS:nn  
Enclosures

c: Ed Yamamoto, EHS-Hawaii  
CAB Monitoring Section

**ATTACHMENT I: STANDARD CONDITIONS  
COVERED SOURCE PERMIT NO. 0307-02-C**

**Amended Date:** date

**Expiration Date:** July 31, 2012

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

1. Unless specifically identified, the terms and conditions contained in this permit are consistent with the applicable requirement, including form, on which each term or condition is based.  
  
(Auth.: HAR §11-60.1-90)
2. This permit, or a copy thereof, shall be maintained at or near the source and shall be made available for inspection upon request. The permit shall not be willfully defaced, altered, forged, counterfeited, or falsified.  
  
(Auth.: HAR §11-60.1-6; SIP §11-60-11)<sup>2</sup>
3. This permit is not transferable whether by operation of law or otherwise, from person to person, from place to place, or from one piece of equipment to another without the approval of the Department of Health, except as provided in HAR, Section 11-60.1-91.  
  
(Auth.: HAR §11-60.1-7; SIP §11-60-9)<sup>2</sup>
4. A request for transfer from person to person shall be made on forms furnished by the Department 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)<sup>2</sup>

17. **Except for emergencies which result in noncompliance with any technology-based emission limitation in accordance with HAR, Section 11-60.1-16.5, in the event any emission unit, air pollution control equipment, or related equipment malfunctions or breaks down in such a manner as to cause the emission of air pollutants in violation of HAR, Chapter 11-60.1 or this permit**, the permittee shall immediately notify the Department of 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)<sup>2</sup>

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

(Auth.: HAR §11-60.1-14, §11-60.1-90)

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

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

(Auth.: HAR §11-60.1-9, §11-60.1-90)

20. The Department 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 the facility 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)<sup>2</sup>

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

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

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

(Auth.: HAR §11-60.1-93)

27. The compliance plan and compliance certification submittal requirements shall be in accordance with HAR, sections 11-60.1-85 and 11-60.1-86. As specified in HAR,

section 11-60.1-86, the compliance certification shall be submitted to the Department 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  
P.O. Box 3378  
Honolulu, HI 96801-3378**

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

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

(Auth.: HAR §11-60.1-4, §11-60.1-90)

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

(Auth.: HAR §11-60.1-5, §11-60.1-90)

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

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

**ATTACHMENT IIA: SPECIAL CONDITIONS FOR PETROLEUM STORAGE TANKS  
COVERED SOURCE PERMIT NO. 0307-02-C**

**Amended Date: date**

**Expiration Date: July 31, 2012**

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

**Section A. Equipment Description**

1. This permit encompasses the following equipment and appurtenances:
  - a. One (1) each, 10,000 barrel above ground internal floating roof petroleum storage tank, tank no. 901;
  - b. One (1) each, 10,000 barrel above ground internal floating roof petroleum storage tank, tank no.902;
  - c. 5,143 barrel External Floating Roof Petroleum Storage Tank with Geodesic Dome, no. 5869;
  - d. 5,143 barrel External Floating Roof Petroleum Storage Tank with Geodesic Dome, no. 5870; and
  - e. 5,143 barrel External Floating Roof Petroleum Storage Tank with Geodesic Dome, no. 5871.

(Auth.: HAR '11-60.1-3)

2. The permittee shall identify the tank number of each petroleum storage tank. The identification number shall be permanently displayed on each tank at a conspicuous location.

(Auth.: HAR §11-60.1-5)

**Section B. Applicable Federal Regulation**

1. The internal floating roof petroleum storage tanks, nos. 901 and 902 are subject to the following federal regulations:
  - a. 40 CFR Part 60, Standards of Performance for New Stationary Sources, Subpart A - General Provisions; and
  - b. 40 CFR Part 60, Standards of Performance for New Stationary Sources, Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for which Construction, Reconstruction, or Modification Commenced after July 23, 1984.

(Auth.: HAR '11-60.1-3, '11-60.1-90, '11-60.1-161; 40 CFR '60.1, '60.110b)<sup>1</sup>

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

(Auth.: HAR '11-60.1-3, '11-60.1-90, '11-60.1-161; 40 CFR '60.110b)<sup>1</sup>

### **Section C. Operational Limitations**

1. The true vapor pressure of the volatile organic liquid (VOL) stored in the petroleum storage tanks shall be maintained below 11 psia at all times. Determination of the true vapor pressure shall be done according to an applicable method specified in NSPS, Subpart Kb.

(Auth.: HAR '11-60.1-3, '11-60.1-39, '11-60.1-90, '11-60.1-161;40 CFR '60.112b)<sup>1</sup>

2. Petroleum storage tank nos. 901 and 902 shall have a fixed roof with an internal floating roof and shall meet the specifications pursuant to 40 CFR Part 60, Section 60.112b(a)(1).

(Auth.: HAR '11-60.1-3, '11-60.1-39, '11-60.1-90, '11-60.1-161; 40 CFR '60.112b)<sup>1</sup>

3. Petroleum storage tank nos. 901 and 902 shall be equipped with one of the following closure devices between the wall of the storage vessel and the edge of the internal floating roof:

- a. foam or liquid-filled seal;
- b. two seals mounted one above the other; or
- c. mechanical shoe seal.

The construction and installation shall comply with the requirements of 40 CFR Part 60 section 60.112b (a)(1).

(Auth.: HAR '11-60.1-3, '11-60.1-39, '11-60.1-90, '11-60.1-161;40 CFR '60.112b)<sup>1</sup>

4. The petroleum storage tanks, floating roof seals, and external domes of the storage tanks shall be maintained in good operating condition to minimize the release of volatile organic compounds into the atmosphere.

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

5. The internal floating roofs of storage tank nos. 901 and 902 shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal floating roof shall be floating on the liquid surface at all times, except during initial fill and during those intervals when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports,

the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible.

(Auth.: HAR '11-60.1-3, '11-60.1-39, '11-60.1-90, '11-60.1-161;40 CFR '60.112b)<sup>1</sup>

**Section D. Monitoring and Recordkeeping**

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 calibration and maintenance records and copies of all reports required by the 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 their representative upon request.

1. Records showing the dimensions (feet) of storage tank nos. 901 and 902 and the analysis showing the capacity (cubic feet) of each storage tank shall be maintained for the life of the tanks.

(Auth.: HAR '11-60.1-3, '11-60.1-90, '11-60.1-161;40 CFR '60.115b)<sup>1</sup>

2. Records shall be maintained on the type of VOL stored, the period of storage, and the maximum true vapor pressure (psia) of the VOL stored during the respective storage period. Determination of the maximum true vapor pressure shall be in accordance with 40 CFR Part 60, Section 116b(e).

(Auth.: HAR '11-60.1-3, '11-60.1-90, '11-60.1-161;40 CFR '60.116b)<sup>1</sup>

3. Inspection and repairs of the storage tank nos. 901 and 902 shall be conducted in accordance with 40 CFR Part 60, Section 60.113b(a). Records shall be maintained on each inspection performed. Records shall include the storage 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).

(Auth.: HAR '11-60.1-3, '11-60.1-90, '11-60.1-161;AIP §11-60-15; 40 CFR '60.112b, '60.113b, '60.115b)<sup>1,2</sup>

4. Storage tank nos. 5869, 5870, and 5871 shall be inspected periodically and repaired as needed. In no case, shall the periodic inspections exceed a two (2) year period. An internal inspection of each storage tank and floating roof seal shall be performed when the tank is emptied for cleaning or maintenance.

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

5. The permittee shall install, maintain, and operate tank gauging equipment on the petroleum storage tanks covered by this permit. At a minimum, tank gauge readings shall be taken:

- a. prior to and subsequent to any filling operation;
- b. excluding load rack operations, prior to and subsequent to any draining operation; and
- c. at least once each business day.

All operations which affect the volume of VOL in each tank shall cease during tank gauge readings. A throughput summary based on the tank gauge readings shall be compiled and recorded at the end of each calendar month for each storage tank.

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

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

1. Notification and reporting pertaining to the following events shall be done in accordance with Attachment I, Standard Condition Nos. 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, '11-60.1-90)

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

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

3. For storage tank nos. 901 and 902, the permittee shall maintain tank inspection records and furnish reports to the Department of Health in accordance with 40 CFR Part 60 Section 60.115b(a).

(Auth.: HAR '11-60.1-3, '11-60.1-90, '11-60.1-161;40 CFR '60.115b)<sup>1</sup>

4. The permittee shall notify the Department of Health in writing **at least thirty (30) days** prior to the following event. Each time storage tanks 901 and 902 are emptied and degassed or an inspection is required pursuant to 40 CFR 113b(a)(1) and (a)(4). If the inspection required by 40 CFR Part 60, Section 113b(a)(4) 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 the refilling of a 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, '11-60.1-90, '11-60.1-161;40 CFR '60.115b)<sup>1</sup>

5. The permittee shall submit **semi-annually** the following written reports to the Department of Health. The report shall be submitted **within sixty (60) days after the end of each semi-annual calendar period (January 1 to June 30 and July 1 to December 31)**, and shall include the following:
  - a. Type of VOL stored in the tank, dates of storage, and maximum true vapor pressure (psia) of the VOL stored during the respective storage period by month. The attached Annual Emissions/Monitoring Report Form: *Internal Floating Roof Storage Tank* shall be used; and
  - b. Records of the storage tank inspections required in Attachment IIA, Special Condition Nos. D.3 and D.4.

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

6. Compliance Certification

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:

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

- f. Any additional information as required by the Department of Health including information to determine compliance.

The compliance certification shall be submitted **within ninety (90) days** after the end of each calendar year, and shall be signed and dated by an authorized representative.

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

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

#### 7. Annual Emissions

As required by Attachment IV and in conjunction with the requirements of Attachment III, Annual Fee Requirements, the permittee shall report **annually** the total tons/yr. emitted of each regulated air pollutant, including hazardous air pollutants. The reporting of annual emissions is due **within sixty (60) days following the end of each calendar year**. The enclosed **Annual Emissions Report Form: Internal/External Floating Roof Storage Tank** shall be used to report annual emissions.

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)

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

For storage tank nos. 901 and 902, the permittee shall comply with the requirements of 40 CFR Part 60 section 60.113b(a).

(Auth.: HAR '11-60.1-3, '11-60.1-90, '11-60.1-161; SIP §11-60-15; 40 CFR '60.112b, '60.113b)<sup>1,2</sup>

#### **Section G. Agency Notification**

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

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

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<sup>1</sup>The citations to the Code of Federal Regulations (CFR) identified under a particular condition, indicate that the permit condition complies with the specified provision(s) of the CFR. Due to the integration of the pre-construction

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**Attachment IIA**  
**Page 7 of 7**  
**Issuance Date:**  
**Expiration Date: July 31, 2012**

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and operating permit requirements, permit conditions may incorporate more stringent requirements than those set forth in the CFR.

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

**ATTACHMENT IIB: SPECIAL CONDITIONS FOR TANK TRUCK LOAD RACK  
COVERED SOURCE PERMIT NO. 0307-02-C**

**Amended Date:** date

**Expiration Date:** July 31, 2012

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

**Section A. Equipment Description**

This attachment encompasses the Bottom Loading Tank Truck Load Rack with four (4) load arms.

(Auth.: HAR '11-60.1-3)

**Section B. Operation Limitations**

1. The total throughput of the tank truck load rack shall not exceed 857,683 barrels of gasoline and ethanol combined during any rolling twelve (12) month period.

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

2. Under no circumstance shall two gasoline and one ethanol load arms be used simultaneously. The maximum number load arms that may be used during tank truck loading operations shall be as follows:

- a. Two gasoline and one diesel load arms; or
- b. One gasoline, one ethanol, and one diesel load arms.

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

**Section C. Monitoring, Recordkeeping, and Reporting Requirements**

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 calibration and maintenance records and copies of all reports required by the 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 their representative upon request.

1. The permittee shall install, maintain, and operate volumetric flow meters to monitor the throughput of gasoline and ethanol at the tank truck load rack.

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

2. **At least quarterly**, the tank truck load rack shall be inspected for volatile organic liquid or vapor leaks during the loading of the tank trucks. For the purposes of this paragraph,

detection methods incorporating sight, sound, and smell are acceptable. Each detection of a leak shall be repaired **within fifteen (15) calendar days** after it is detected.

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

3. The total throughput of each type of volatile organic liquid pumped by the load rack shall be maintained on a rolling 12-month basis.

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

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

1. 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, '11-60.1-90)

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

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

3. **Within sixty (60) days** after the end of each semi-annual calendar period (January 1 - June 30, July 1 -December 31), the permittee shall submit records of the tank truck load rack total throughput on a rolling 12-month basis. The enclosed **Annual Emissions/Monitoring Report Form: Tank Truck Load Rack** shall be used.

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

4. Compliance Certification

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:

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

The compliance certification shall be submitted **within ninety (90) days** after the end of each calendar year, and shall be signed and dated by an authorized representative.

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

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

## 5. Annual Emissions

As required by Attachment IV and in conjunction with the requirements of Attachment III, Annual Fee Requirements, the permittee shall report **annually** the total tons/yr. emitted of each regulated air pollutant, including hazardous air pollutants. The reporting of annual emissions is due **within sixty (60) days following the end of each calendar year**. The enclosed **Annual Emissions/Monitoring Report Form: Tank Truck Load Rack** shall be used.

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)

**Section E. Agency Notification**

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

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

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

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

**ATTACHMENT II - INSIG  
SPECIAL CONDITIONS - INSIGNIFICANT ACTIVITIES  
COVERED SOURCE PERMIT NO. 0307-02-C**

**Amended Date:**

**Expiration Date: July 31, 2012**

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

**Section A. Equipment Description**

This attachment encompasses insignificant activities listed in HAR, §11-60.1-82(f) and (g) for which provisions of this permit and HAR, Subchapter 2, General Prohibitions, apply.

(Auth.: HAR §11-60.1-3)

**Section B. Operational Limitations**

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

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

2. The Department 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)

**Section D. Notification and Reporting**

Compliance Certification

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:

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

The compliance certification shall be submitted **within ninety (90) days** after the end of each calendar year, and shall be signed and dated by a responsible official.

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

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)

CSP No. 0307-02-C  
Attachment II - INSIG  
Page 3 of 3  
Issuance Date:  
Expiration Date: July 31, 2012

**PROPOSED**

**Section E. Agency Notification**

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

(Auth.: HAR §11-60.1-4, §11-60.1-90)

## PROPOSED

### ATTACHMENT III: ANNUAL FEE REQUIREMENTS COVERED SOURCE PERMIT NO. 0307-02-C

Amended Date: date

Expiration Date: July 31, 2012

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

1. Annual fees shall be paid in full:
  - a. Within sixty days after the end of each calendar year; and
  - b. Within thirty 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  
P.O. Box 3378  
Honolulu, HI 96801-3378**

## PROPOSED

### ATTACHMENT IV: ANNUAL EMISSIONS REPORTING REQUIREMENTS COVERED SOURCE PERMIT NO. 0307-02-C

Amended Date: date

Expiration Date: July 31, 2012

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

1. Complete the attached Annual Emissions Report Form for **Internal/External Floating Roof Storage Tank** and the Annual Emissions/Monitoring Report Form for **Tank Truck 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  
P.O. Box 3378  
Honolulu, HI 96801-3378**

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 by submitting a written request to the Department of Health and clearly identifying the specific information that is to be accorded confidential treatment.

**COMPLIANCE CERTIFICATION FORM  
COVERED SOURCE PERMIT NO. 0307-02-C  
PAGE 1 OF \_\_\_\_**

**Amended Date:** date

**Expiration Date:** July 31, 2012

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.

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**COMPLIANCE CERTIFICATION FORM  
COVERED SOURCE PERMIT NO.  
(CONTINUED, PAGE 2 OF \_\_\_)**

**Amended Date:** date

**Expiration Date:** July 31, 2012

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

**Instructions:**

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

**A. Attachment I, Standard Conditions**

<u>Permit term/condition</u> All standard conditions	<u>Equipment(s)</u> All Equipment(s) listed in the permit	<u>Compliance</u> Continuous Intermittent
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**B. Special Conditions - Monitoring, Recordkeeping, Reporting, Testing, and INSIG**

<u>Permit term/condition</u> All monitoring conditions	<u>Equipment(s)</u> All Equipment(s) listed in the permit	<u>Compliance</u> Continuous Intermittent
<u>Permit term/condition</u> All recordkeeping conditions	<u>Equipment(s)</u> All Equipment(s) listed in the permit	<u>Compliance</u> Continuous Intermittent
<u>Permit term/condition</u> All reporting conditions	<u>Equipment(s)</u> All Equipment(s) listed in the permit	<u>Compliance</u> Continuous Intermittent
<u>Permit term/condition</u> All testing conditions	<u>Equipment(s)</u> All Equipment(s) listed in the permit	<u>Compliance</u> Continuous Intermittent
<u>Permit term/condition</u> All INSIG conditions	<u>Equipment(s)</u> All Equipment(s) listed in the permit	<u>Compliance</u> Continuous Intermittent

**COMPLIANCE CERTIFICATION FORM  
COVERED SOURCE PERMIT NO. 0307-02-C  
(CONTINUED, PAGE \_\_\_\_ OF \_\_\_\_)**

Amended Date: date

Expiration Date: July 31, 2012

**C. Special Conditions - Operational and Emissions Limitations**

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

<u>Permit term/condition</u>	<u>Equipment(s)</u>	<u>Method</u>	<u>Compliance</u>
		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
		monitoring recordkeeping reporting testing none of the above	Continuous Intermittent

**(Make Additional Copies if Needed)**

**COMPLIANCE CERTIFICATION FORM  
COVERED SOURCE PERMIT NO. 0307-02-C  
(CONTINUED, PAGE \_\_\_ OF \_\_\_)**

**Amended Date:** date

**Expiration Date:** July 31, 2012

**D. Deviations**

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

**(Make Additional Copies if Needed)**

**ANNUAL EMISSIONS REPORT FORM  
INTERNAL/EXTERNAL FLOATING ROOF STORAGE TANK  
COVERED SOURCE PERMIT NO. 0307-02-C  
(PAGE 1 OF 6)**

**Amended Date:** date

**Expiration Date:** July 31, 2012

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

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

Facility Name: Aloha Hilo Terminal

Equipment Location: 999 Kalaniana'ole Street, Hilo

Responsible Official (Print): \_\_\_\_\_

Title: \_\_\_\_\_

**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 (Signature): \_\_\_\_\_

	901	902	5869	5870	5871
Tank Capacity (bbl)					
Tank Diameter (ft)					
Tank Exterior Color					
Annual Throughput (bbls): Gasoline					
Annual Throughput (bbls): Ethanol					
Annual Throughput (bbls): Other: _____					
True Vapor Pressure (psia)					
Reid Vapor Pressure (psia)					
Vapor Molecular Weight					
Distillation Slope					
Avg. Storage Temp. ( F)					

**ANNUAL EMISSIONS REPORT FORM  
INTERNAL/EXTERNAL FLOATING ROOF STORAGE TANK  
COVERED SOURCE PERMIT NO. 0307-02-C  
(CONTINUED, PAGE 2 OF 6)**

<b>Tank No. 901, DECK FITTINGS</b>	
	QTY
<b>Access hatch (24" dia)</b>	
bolted cover, gasket _____	
unbolted cover, gasket _____	
unbolted cover, no gasket _____	
<b>Gauge-hatch/sample port</b>	
Weighted mechanical, gasket _____	
Weighted mechanical, ungasketed _____	
Slit fabric seal, 10% open area _____	
<b>Fixed roof support column well</b>	
Round pipe, ungasketed sliding cover _____	
Round pipe, gasketed sliding cover _____	
Round pipe, flex fabric sleeve seal _____	
Built-up col., ungasketed sliding cover _____	
Built-up col., gasketed sliding cover _____	
<b>Vacuum breaker</b>	
Weighted mechanical, ungasketed _____	
Weighted mechanical, gasketed _____	
<b>Deck drain (3" dia.)</b>	
Open _____	
90% closed _____	
<b>Unslotted guide-pole and well</b>	
Ungasketed sliding cover _____	
Ungasketed sliding cover w/ pole sleeve _____	
Gasketed sliding cover _____	
Gasketed sliding cover w/pole wiper _____	
Gasketed sliding cover w/pole sleeve _____	
<b>Slotted guide-pole/sample well</b>	
Ungasketed or gasketed sliding cover _____	
Ungasketed or gasketed sliding cover w/float _____	
Gasketed sliding cover w/pole wiper _____	
Gasketed sliding cover w/pole sleeve _____	
Gasketed sliding cover w/float & pole wiper _____	
Gasketed sliding cover w/float, wiper & sleeve _____	
<b>Stub drain</b>	
<b>Deck leg</b>	
Adjustable, internal floating _____	
Adjustable, pontoon area, ungasketed _____	
Adjustable, pontoon area, gasketed _____	
Adjustable, pontoon area, sock _____	
Adjustable, center area, ungasketed _____	
Adjustable, center area, gasketed _____	
Adjustable, center area, sock _____	
Adjustable, double deck roofs _____	
<b>Rim vent</b>	
Weighted mechanical, ungasketed _____	
Weighted mechanical, gasketed _____	
<b>Automatic gauge float well</b>	
unbolted cover, ungasketed _____	
unbolted cover, gasket _____	
bolted cover, gasket _____	
<b>Ladder well</b>	
Sliding cover, ungasketed _____	
Sliding cover, gasketed _____	

Type of deck (check one)

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

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

- |   |  |  |
|---|--|--|
| <input type="checkbox"/> Mechanical shoe seal   | <input type="checkbox"/> Liquid mounted seal   | <input type="checkbox"/> Vapor mounted seal    |
| <input type="checkbox"/> Primary only           | <input type="checkbox"/> Primary only          | <input type="checkbox"/> Primary only          |
| <input type="checkbox"/> Shoe mounted secondary | <input type="checkbox"/> Weather shield        | <input type="checkbox"/> Weather shield        |
| <input type="checkbox"/> Rim mounted secondary  | <input type="checkbox"/> Rim mounted secondary | <input type="checkbox"/> Rim mounted secondary |

**ANNUAL EMISSIONS REPORT FORM  
INTERNAL/EXTERNAL FLOATING ROOF STORAGE TANK  
COVERED SOURCE PERMIT NO. 0307-02-C  
(CONTINUED, PAGE 3 OF 6)**

<b>Tank No. 902, DECK FITTINGS</b>	
	QTY
<b><u>Access hatch (24" dia)</u></b>	
bolted cover, gasket _____	
unbolted cover, gasket _____	
unbolted cover, no gasket _____	
<b><u>Fixed roof support column well</u></b>	
Round pipe, ungasketed sliding cover _____	
Round pipe, gasketed sliding cover _____	
Round pipe, flex fabric sleeve seal _____	
Built-up col., ungasketed sliding cover _____	
Built-up col., gasketed sliding cover _____	
<b><u>Unslotted guide-pole and well</u></b>	
Ungasketed sliding cover _____	
Ungasketed sliding cover w/ pole sleeve _____	
Gasketed sliding cover _____	
Gasketed sliding cover w/pole wiper _____	
Gasketed sliding cover w/pole sleeve _____	
<b><u>Slotted guide-pole/sample well</u></b>	
Ungasketed or gasketed sliding cover _____	
Ungasketed or gasketed sliding cover w/float _____	
Gasketed sliding cover w/pole wiper _____	
Gasketed sliding cover w/pole sleeve _____	
Gasketed sliding cover w/float & pole wiper _____	
Gasketed sliding cover w/float, wiper & sleeve _____	
<b><u>Automatic gauge float well</u></b>	
unbolted cover, ungasketed _____	
unbolted cover, gasket _____	
bolted cover, gasket _____	
	QTY
<b><u>Gauge-hatch/sample port</u></b>	
Weighted mechanical, gasket _____	
Weighted mechanical, ungasketed _____	
Slit fabric seal, 10% open area _____	
<b><u>Vacuum breaker</u></b>	
Weighted mechanical, ungasketed _____	
Weighted mechanical, gasketed _____	
<b><u>Deck drain (3" dia.)</u></b>	
Open _____	
90% closed _____	
<b><u>Stub drain</u></b>	
<b><u>Deck leg</u></b>	
Adjustable, internal floating _____	
Adjustable, pontoon area, ungasketed _____	
Adjustable, pontoon area, gasketed _____	
Adjustable, pontoon area, sock _____	
Adjustable, center area, ungasketed _____	
Adjustable, center area, gasketed _____	
Adjustable, center area, sock _____	
Adjustable, double deck roofs _____	
<b><u>Rim vent</u></b>	
Weighted mechanical, ungasketed _____	
Weighted mechanical, gasketed _____	
<b><u>Ladder well</u></b>	
Sliding cover, ungasketed _____	
Sliding cover, gasketed _____	

Type of deck (check one)

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

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

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

**ANNUAL EMISSIONS REPORT FORM  
INTERNAL/EXTERNAL FLOATING ROOF STORAGE TANK  
COVERED SOURCE PERMIT NO. 0307-02-C  
(CONTINUED, PAGE 4 OF 6)**

<b>Tank No. 5869, DECK FITTINGS</b>	
	QTY
<b>Access hatch (24" dia)</b>	QTY
bolted cover, gasket _____	
unbolted cover, gasket _____	
unbolted cover, no gasket _____	
<b>Fixed roof support column well</b>	
Round pipe, ungasketed sliding cover _____	
Round pipe, gasketed sliding cover _____	
Round pipe, flex fabric sleeve seal _____	
Built-up col., ungasketed sliding cover _____	
Built-up col., gasketed sliding cover _____	
<b>Unslotted guide-pole and well</b>	
Ungasketed sliding cover _____	
Ungasketed sliding cover w/ pole sleeve _____	
Gasketed sliding cover _____	
Gasketed sliding cover w/pole wiper _____	
Gasketed sliding cover w/pole sleeve _____	
<b>Slotted guide-pole/sample well</b>	
Ungasketed or gasketed sliding cover _____	
Ungasketed or gasketed sliding cover w/float _____	
Gasketed sliding cover w/pole wiper _____	
Gasketed sliding cover w/pole sleeve _____	
Gasketed sliding cover w/float & pole wiper _____	
Gasketed sliding cover w/float, wiper & sleeve _____	
<b>Automatic gauge float well</b>	
unbolted cover, ungasketed _____	
unbolted cover, gasket _____	
bolted cover, gasket _____	
<b>Gauge-hatch/sample port</b>	
Weighted mechanical, gasket _____	
Weighted mechanical, ungasketed _____	
Slit fabric seal, 10% open area _____	
<b>Vacuum breaker</b>	
Weighted mechanical, ungasketed _____	
Weighted mechanical, gasketed _____	
<b>Deck drain (3" dia.)</b>	
Open _____	
90% closed _____	
<b>Stub drain</b>	
<b>Deck leg</b>	
Adjustable, internal floating _____	
Adjustable, pontoon area, ungasketed _____	
Adjustable, pontoon area, gasketed _____	
Adjustable, pontoon area, sock _____	
Adjustable, center area, ungasketed _____	
Adjustable, center area, gasketed _____	
Adjustable, center area, sock _____	
Adjustable, double deck roofs _____	
<b>Rim vent</b>	
Weighted mechanical, ungasketed _____	
Weighted mechanical, gasketed _____	
<b>Ladder well</b>	
Sliding cover, ungasketed _____	
Sliding cover, gasketed _____	

Type of deck (check one)

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

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

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

**ANNUAL EMISSIONS REPORT FORM  
INTERNAL/EXTERNAL FLOATING ROOF STORAGE TANK  
COVERED SOURCE PERMIT NO. 0307-02-C  
(CONTINUED, PAGE 5 OF 6)**

<b>Tank No. 5870, DECK FITTINGS</b>	
	QTY
<b>Access hatch (24" dia)</b>	
bolted cover, gasket _____	
unbolted cover, gasket _____	
unbolted cover, no gasket _____	
<b>Fixed roof support column well</b>	
Round pipe, ungasketed sliding cover _____	
Round pipe, gasketed sliding cover _____	
Round pipe, flex fabric sleeve seal _____	
Built-up col., ungasketed sliding cover _____	
Built-up col., gasketed sliding cover _____	
<b>Unslotted guide-pole and well</b>	
Ungasketed sliding cover _____	
Ungasketed sliding cover w/ pole sleeve _____	
Gasketed sliding cover _____	
Gasketed sliding cover w/pole wiper _____	
Gasketed sliding cover w/pole sleeve _____	
<b>Slotted guide-pole/sample well</b>	
Ungasketed or gasketed sliding cover _____	
Ungasketed or gasketed sliding cover w/float _____	
Gasketed sliding cover w/pole wiper _____	
Gasketed sliding cover w/pole sleeve _____	
Gasketed sliding cover w/float & pole wiper _____	
Gasketed sliding cover w/float, wiper & sleeve _____	
<b>Automatic gauge float well</b>	
unbolted cover, ungasketed _____	
unbolted cover, gasket _____	
bolted cover, gasket _____	
<b>Gauge-hatch/sample port</b>	
Weighted mechanical, gasket _____	
Weighted mechanical, ungasketed _____	
Slit fabric seal, 10% open area _____	
<b>Vacuum breaker</b>	
Weighted mechanical, ungasketed _____	
Weighted mechanical, gasketed _____	
<b>Deck drain (3" dia.)</b>	
Open _____	
90% closed _____	
<b>Stub drain</b>	
<b>Deck leg</b>	
Adjustable, internal floating _____	
Adjustable, pontoon area, ungasketed _____	
Adjustable, pontoon area, gasketed _____	
Adjustable, pontoon area, sock _____	
Adjustable, center area, ungasketed _____	
Adjustable, center area, gasketed _____	
Adjustable, center area, sock _____	
Adjustable, double deck roofs _____	
<b>Rim vent</b>	
Weighted mechanical, ungasketed _____	
Weighted mechanical, gasketed _____	
<b>Ladder well</b>	
Sliding cover, ungasketed _____	
Sliding cover, gasketed _____	

Type of deck (check one)

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

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

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

**ANNUAL EMISSIONS REPORT FORM  
INTERNAL/EXTERNAL FLOATING ROOF STORAGE TANK  
COVERED SOURCE PERMIT NO. 0307-02-C  
(CONTINUED, PAGE 6 OF 6)**

<b>Tank No. 5871, DECK FITTINGS</b>	
	QTY
<b>Access hatch (24" dia)</b>	QTY
bolted cover, gasket _____	
unbolted cover, gasket _____	
unbolted cover, no gasket _____	
<b>Fixed roof support column well</b>	
Round pipe, ungasketed sliding cover _____	
Round pipe, gasketed sliding cover _____	
Round pipe, flex fabric sleeve seal _____	
Built-up col., ungasketed sliding cover _____	
Built-up col., gasketed sliding cover _____	
<b>Unslotted guide-pole and well</b>	
Ungasketed sliding cover _____	
Ungasketed sliding cover w/ pole sleeve _____	
Gasketed sliding cover _____	
Gasketed sliding cover w/pole wiper _____	
Gasketed sliding cover w/pole sleeve _____	
<b>Slotted guide-pole/sample well</b>	
Ungasketed or gasketed sliding cover _____	
Ungasketed or gasketed sliding cover w/float _____	
Gasketed sliding cover w/pole wiper _____	
Gasketed sliding cover w/pole sleeve _____	
Gasketed sliding cover w/float & pole wiper _____	
Gasketed sliding cover w/float, wiper & sleeve _____	
<b>Automatic gauge float well</b>	
unbolted cover, ungasketed _____	
unbolted cover, gasket _____	
bolted cover, gasket _____	
<b>Gauge-hatch/sample port</b>	
Weighted mechanical, gasket _____	
Weighted mechanical, ungasketed _____	
Slit fabric seal, 10% open area _____	
<b>Vacuum breaker</b>	
Weighted mechanical, ungasketed _____	
Weighted mechanical, gasketed _____	
<b>Deck drain (3" dia.)</b>	
Open _____	
90% closed _____	
<b>Stub drain</b>	
<b>Deck leg</b>	
Adjustable, internal floating _____	
Adjustable, pontoon area, ungasketed _____	
Adjustable, pontoon area, gasketed _____	
Adjustable, pontoon area, sock _____	
Adjustable, center area, ungasketed _____	
Adjustable, center area, gasketed _____	
Adjustable, center area, sock _____	
Adjustable, double deck roofs _____	
<b>Rim vent</b>	
Weighted mechanical, ungasketed _____	
Weighted mechanical, gasketed _____	
<b>Ladder well</b>	
Sliding cover, ungasketed _____	
Sliding cover, gasketed _____	

Type of deck (check one)

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

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

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

**PROPOSED**

**ANNUAL EMISSIONS/MONITORING REPORT FORM  
TANK TRUCK LOAD RACK  
COVERED SOURCE PERMIT NO. 0307-02-C**

**Amended Date:** \_\_\_\_\_

**Expiration Date:** July 31, 2012

In accordance with the Hawaii Administrative Rules, Title 11, Chapter 60.1, Air Pollution Control, the permittee shall report to the Department of Health the following information on a semi-annual basis.

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

Facility Name: Aloha Petroleum Ltd., Hilo Terminal

Equipment Location: 999 Kalaniana'ole Ave., Hilo

Responsible Official (Print): \_\_\_\_\_

Title: \_\_\_\_\_

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 (Signature): \_\_\_\_\_

<b>THROUGHPUT OF LOAD RACK (barrels)</b>				
<b>MONTH</b>	<b>Gasoline/Ethanol</b>	<b>Rolling 12 - month Total</b>	<b>Diesel Fuel</b>	<b>Rolling 12 - month Total</b>
January				
February				
March				
April				
May				
June				
July				
August				
September				
October				
November				
December				

No. of stations: \_\_\_\_\_ No. of arms per station: \_\_\_\_\_

No. of instances where two gasoline and one ethanol load arms were used simultaneously: \_\_\_\_