

PROPOSED

[Issuance Date]

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

05-XXXE CAB
File No. 0105e-01

Captain Richard D. Roth
Commanding Officer
Regional Environmental Department
Navy Region Hawaii
U.S. Navy
517 Russell Avenue, Suite 110
Pearl Harbor, Hawaii 96860

Attn.: Darren Chun, Environmental Engineer

Dear Captain Roth:

**Subject: Covered Source Permit (CSP) No. 0105e-01-C
Renewal Application No. 0105-07
Navy Region Hawaii - PWC Pearl Harbor in the Pearl Harbor Naval Complex
Two (2) 12.6 MMBtu/hr Portable Boilers, Five (5) 2 MW Combustion Turbines,
Industrial Waste Treatment Complex (IWTC), and Treatment Storage and
Disposal Facility (TSDF)
Located at: PWC PHNC, Pearl Harbor, Oahu
Date of Expiration: [Five-Year Period from Issuance Date]**

The subject Covered Source Permit is issued in accordance with Hawaii Administrative Rules, Title 11, Chapter 60.1. The issuance of this permit is based on the plans and specifications that you submitted as part of your renewal application dated March 26, 2003, and the additional information provided on April 26, 2005 and June 1, 2005.

This Covered Source Permit renews and supersedes in their entirety CSP No. 0105e-01-C issued on April 12, 1999, and the amendment issued on October 25, 1999, September 27, 2000, and November 16, 2001.

This Covered Source Permit is issued subject to the conditions/requirements set forth in the following Attachments:

- Attachment I: Standard Conditions
- Attachment IIA: Special Conditions for Boilers
- Attachment IIB: Special Conditions for Combustion Turbines
- Attachment IIC: Special Conditions for IWTC and TSDF
- Attachment II - INSIG: Special Conditions for Insignificant Activities
- Attachment III: Annual Fee Requirements
- Attachment IV: Annual Emissions Reporting Requirements

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The following forms are enclosed for some of the monitoring and reporting required by this Covered Source Permit.

Annual Emission Report Form: Combustion Turbines
Annual Emission Report Form: Boilers
Monitoring Report Form: Tanks – Off-Site Material Streams Containing
Hazardous Air Pollutants
Monitoring Report Form: Fuel Consumption
Monitoring Report Form: Fuel Certification
Monitoring Report Form: Visible Emissions
Compliance Certification Form

This permit: (a) shall not in any manner affect the title of the premises upon which the equipment is to be located; (b) does not release the permittee from any liability for any loss due to personal injury or property damage caused by, resulting from or arising out of the design, installation, maintenance, or operation of the equipment; and (c) in no manner implies or suggests that the 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,

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

SS:lk

Enclosures

c: CAB Monitoring Section

**ATTACHMENT I: STANDARD CONDITIONS
COVERED SOURCE PERMIT NO. 0105e-01-C**

[Issuance Date]

[Expiration Date]

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

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

(Auth.: HAR §11-60.1-90)

2. This permit, or a copy thereof, shall be maintained at or near the source and shall be made available for inspection upon request. The permit shall not be willfully defaced, altered, forged, counterfeited, or falsified.

(Auth.: HAR §11-60.1-6; SIP §11-60-11)²

3. This permit is not transferable whether by operation of law or otherwise, from person to person, from place to place, or from one piece of equipment to another without the approval of the Department 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 Regional Administrator for the U.S. Environmental Protection Agency (EPA).

(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 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 Administrator 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. A copy of applicable correspondence or records submitted to the Department of Health shall be provided to the U.S. EPA Administrator.

(Auth.: HAR §11-60.1-90)

19. 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)

20. 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)

21. The Department of Health may extend the time periods specified in Standard Condition No. 20 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)

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

(Auth.: HAR §11-60.1-90)

23. All certifications shall be in accordance with HAR, section 11-60.1-4.

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

24. 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)

25. 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)²

26. Each permit renewal application shall be submitted to the Department of Health 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))¹

27. 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)

28. 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 Regional Administrator once per year, or more frequently as set by any applicable requirement.

(Auth.: HAR §11-60.1-90)

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

Clean Air Branch
Environmental Management Division
State of Hawaii Department of Health
P. O. Box 3378
Honolulu, HI 96801-3378

Upon request, 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)

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

(Auth.: HAR §11-60.1-5, §11-60.1-90)

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

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

PROPOSED

**ATTACHMENT IIA: SPECIAL CONDITIONS
COVERED SOURCE PERMIT NO. 0105e-01-C
BOILERS**

[Issuance Date]

[Expiration Date]

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

Section A. Equipment Description

1. This permit encompasses the following equipment and associated appurtenances:
 - a. 12.6 MMBtu/hr, Portable Hurst Boiler, model no. 53-P2-300-275, serial no. S1500-275-1; and
 - b. 12.6 MMBtu/hr, Portable Superior Boiler Works Boiler, model no. MS6-5-1500, serial no. 9720;
2. The permittee shall attach an identification tag or nameplate to each of the equipment listed above, which identifies the model no., serial no., and manufacturer. The identification tag or nameplate shall be permanently attached to the equipment in a conspicuous location.

(Auth.: HAR §11-60.1-3)

(Auth.: HAR §11-60.1-5)

Section B. Operational and Emission Limitations

1. Operating Limitations

The two (2) 12.6 MMBtu/hr boilers shall not operate simultaneously at any location.

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

2. Fuel Specifications

The two (2) 12.6 MMBtu/hr boilers shall be fired only on diesel fuel no. 2 with a maximum sulfur content not to exceed 0.05 percent by weight.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-38, §11-60.1-90)

3. Visible Emissions

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

(Auth.: HAR §11-60.1-3, §11-60.1-32, §11-60.1-90; SIP §11-60-24)²

4. Alternate Operating Scenarios

Terms and conditions for reasonably anticipated operating scenarios identified by the permittee in the covered source permit application and approved by the Department of Health are as follows:

- a. The two (2) 12.6 MMBtu/hr portable boilers may relocate to any of the following locations provided each change of location is recorded in a log:
 - 1) Adjacent to Buildings 7, 149, 155, 177, 214, 394, and 1443;
 - 2) Berthing Wharfs GD1 and GD2;
 - 3) Berthing Wharfs H1 through H4;
 - 4) Berthing Wharfs K1, K3, K5, K7, K8, K10, and K11;
 - 5) Berthing Wharfs M1 through M4;
 - 6) Berthing Wharfs S1, S4, S5, S8, S9, S10 through S18, S20, and S21;
 - 7) Berthing Wharfs Y2 and Y3B;
 - 8) Drydock Nos. 1 through 4 (S779 through S782);
 - 9) Repair Wharfs B1 through B4, B6, B7, B8, B12, B13, B15 through B18, B20, B21, and B23 through B26;
 - 10) Ford Island Wharf Berthing F-1, F-4, F-5, F-9, F-10, F-12, and F-13;
 - 11) Adjacent to Ford Island Buildings 40 and 468; and
 - 12) Building 149.

- b. The two (2) 12.6 MMBtu/hr portable boilers may relocate to areas other than those listed in Special Condition II.B.4.a. of Attachment IIA provided the following provisions are adhered to and approved by the Department of Health:
 - 1) Written notification identifying the current location, proposed location, and proposed dates of operation are submitted to the Department of Health prior to the relocation. A map identifying the proposed location and surrounding buildings shall also be provided.
 - 2) Ambient air quality analysis, including modeling, for each proposed location shall be performed to ensure the ambient air quality standards are not exceeded.
- c. The permittee may replace a boiler with a temporary replacement unit if any repair work reasonably warrants the removal (i.e., equipment failure, engine overhaul, or any major equipment problems requiring maintenance for efficient operation) of the boiler from its site and the following provisions are adhered to:
 - 1) Written notification identifying the reasons for the replacement from the site of operation is submitted to and approved by the Department of Health prior to the exchange;
 - 2) The temporary replacement unit is the same size or smaller and with equal or less emissions;
 - 3) The temporary replacement unit complies with all applicable conditions including all air pollution control equipment requirements, operating restrictions and emission limits;
 - 4) The boiler shall be repaired and returned to service at the same location in a timely manner; and
 - 5) Prior to the removal and return of boiler, the permittee shall submit to the Department of Health written documentation on the removal and return dates; the manufacturer's specifications with calculations of emissions; and on the make, size, model and serial numbers for both the temporary replacement unit and installed unit.
- d. Upon receiving written approval from the Department of Health, the permittee may burn an alternative fuel provided the permittee demonstrates compliance with all applicable State and Federal requirements and applicable conditions of this covered source permit. The alternative fuel shall be burned only temporarily, and shall not result in an increase in emissions of any air pollutant or in the emission of any air pollutant not previously emitted. The permittee shall not switch fuels unless all of the following information is provided to and approved by the Department of Health:
 - 1) Specific type of fuel provided;

- 2) Consumption rate of the fuel;
 - 3) Fuel blending rate;
 - 4) Emissions calculations;
 - 5) Ambient air quality analyses verifying that SAAQS will be met;
 - 6) Fuel storage;
 - 7) Plan to monitor and record the fuel analyses and consumption;
 - 8) Length of time the alternate fuel will be burned; and
 - 9) Reason for burning the alternate fuel.
- e. The permittee shall contemporaneously with making a change from one operating scenario to another, record in a log at the permitted facility the scenario under which it is operating and submit written notification to the Department of Health.
- f. The terms and conditions under each alternate operating scenario shall meet all applicable requirements including conditions of this permit.

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

Section C. Monitoring and Recordkeeping 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 in a permanent form suitable for inspection and made available to the Department of Health or their representative upon request.

1. Fuel Monitoring

Fuel purchase receipts shall be maintained, showing the fuel type, sulfur content (percent by weight), date of delivery, and amount (gallons) of fuel delivered to the site for the boilers covered under this permit. Fuel sulfur content may be demonstrated by providing either the supplier's fuel specification sheet or the supplier's fuel certification for the type of fuel purchased and received.

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

2. Inspection, Maintenance, and Repair Log

An inspection, maintenance, and repair log shall be maintained for the boilers covered by this permit. At a minimum, these records shall include the date of the inspection, name and title of the inspector, a short description of the action and/or any such repair work, and a description of the part(s) inspected or repaired.

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

3. Boiler Relocation Log

A relocation log for each boiler shall be maintained. At a minimum, each entry into the log shall include the location and duration for each change of location.

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

4. All test/sampling/monitoring records shall include:

- a. Equipment identification;
- b. Monitoring location, date and time of sampling or measurements;
- c. Dates sampling analyses were performed;
- d. Name and address of the company or entity that performed the analyses;
- e. Analytical techniques or methods used;
- f. Analyses results; and
- g. Operating conditions during the time of sampling or measurement.

(Auth.: HAR §11-60.1-3, §11-60.1-90)

5. Visible Emissions (V.E.)

- a. The permittee shall conduct **monthly** (*calendar month*) V.E. observations for each equipment in accordance with Method 9 or by use of a Ringelmann Chart as provided. For each period, two (2) observations shall be taken at fifteen (15) second intervals for six (6) consecutive minutes for each equipment. Records shall be completed and maintained in accordance with the *Visible Emissions Form Requirements*.

- b. The permittee shall conduct **annually** (*calendar year*) V.E. observations for each equipment by a certified reader in accordance with Method 9. For each period, two (2) observations shall be taken at fifteen (15) second intervals for six (6) consecutive minutes for each equipment. Records shall be completed and maintained in accordance with the *Visible Emissions Form Requirements*.
- c. Upon written request and justification by the permittee, the Department of Health may waive the requirement for a specific annual V.E. test. The waiver request is to be submitted prior to the required test and must include documentation justifying such action. Documentation should include, but is not limited to, the results of the prior tests indicating compliance by a wide margin, the continuing compliance, and further that operations of the source have not changed since the previous annual V.E. observation.

Please note that the waiving of the annual V.E. observation does not absolve the permittee from any monthly V.E. requirements. Monthly V.E. observations should still be performed in accordance with Attachment IIA, Special Condition C.5.a.

(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 25, 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 the permit *requirements*, including those attributable to upset conditions, the probable cause of such deviations and any corrective actions or preventive measures taken. Corrective actions may include a requirement for stack testing, or more frequent monitoring, or the 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. 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. Any deviation from the permit conditions shall be clearly identified. At a minimum, the report shall include the information identified in HAR §11-60.1-16(b).
- b. Identify the type of fuel fired in the 12.6 MMBtu/hr boilers during the reporting period. Include the maximum sulfur content (percent by weight) of the fuel. The attached Monitoring Report Form: *Fuel Certification*, shall be used.
- c. Any opacity exceedances as determined by the required V.E. monitoring. Each exceedance reported shall include the date, six (6) minute average opacity reading, possible reason for exceedance, duration of exceedance, and corrective actions taken. If there were no exceedances, the permittee shall submit in writing a statement indicating that for each equipment there were no exceedances for that semi-annual period. The attached Monitoring Report Form: *Visible Emissions*, shall be used.

(Auth.: HAR §11-60.1-3, §11-60.1-90)

4. 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 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; and
 - vi. Any additional information as required by the Department of Health, including information to determine compliance.
- b. 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.

- 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 §11-60.1-86, §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 Report Form: *Boilers*, shall be used in reporting fuel usage.

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. The Department may at any time require the permittee to install, operate and maintain continuous emission monitors, or conduct additional stack testing, or ambient air monitoring.

(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 permit shall be done in accordance with Attachment I, Standard Condition 29.

(Auth.: HAR §11-60.1-4, §11-60.1-90)

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

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

**ATTACHMENT IIB: SPECIAL CONDITIONS
COVERED SOURCE PERMIT NO. 0105e-01-C
COMBUSTION TURBINES**

[Issuance Date]

[Expiration Date]

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

Section A. Equipment Description

1. This portion of the permit encompasses the following equipment and associated appurtenances:
 - a. 2 MW Allison Combustion Turbine, model no. 501-K14C, serial no. 51-17906, located at building B149;
 - b. 2 MW Allison Combustion Turbine, model no. 501-K14C, serial no. 51-17908, located at building B149;
 - c. 2 MW Allison Combustion Turbine, model no. 501-K14C, serial no. 51-17895, located at building B177;
 - d. 2 MW Allison Combustion Turbine, model no. 501-K14C, serial no. 51-17893, located at building B177; and
 - e. 2 MW Allison Combustion Turbine, model no. 501-K14C, serial no. 51-17891, located at Station K10.

(Auth.: HAR §11-60.1-3)
2. The permittee shall attach an identification tag or nameplate to each of the equipment listed above, which identifies the model no., serial no., and manufacturer. The identification tag or nameplate shall be permanently attached to the equipment in a conspicuous location.

(Auth.: HAR §11-60.1-5)

Section B. Applicable Federal Regulations

1. The combustion turbine generators are subject to the provisions of the following federal regulations:
 - a. 40 CFR Part 60, Standards of Performance for New Stationary Sources, Subpart A - General Provisions;
 - b. 40 CFR Part 60, Standards of Performance for New Stationary Sources, Subpart GG - Standards of Performance for Stationary Gas Turbines.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161; 40 CFR §60.1, §60.330)¹

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

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161; 40 CFR §60.1, §60.330)¹

Section C. Operational and Emission Limitations

1. Fuel Specifications

The combustion turbines shall be fired only on JP - 5 with a maximum sulfur content not to exceed 0.2 percent by weight.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-38, §11-60.1-90)

2. Fuel Consumption Limitations

- a. The total combined fuel consumption for the two combustion turbines located at building B149 shall not exceed 279,000 gallons during any rolling twelve month period.
- b. The total combined fuel consumption for the two combustion turbines located at building 177 shall not exceed 235,000 gallons during any rolling twelve month period.
- c. The total fuel consumption for the combustion turbine located at building K10 shall not exceed 71,000 gallons during any rolling twelve month period.

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

3. Maximum Emission Limits

The permittee shall not discharge or cause the discharge into the atmosphere from each of the combustion turbines, nitrogen oxides in excess of the following:

$$STD = 0.015 \frac{14.4}{Y} \text{ ppmvd at 15 percent oxygen}$$

where:

STD = allowable ISO corrected NO_x emission concentration.

Y = manufacturer's rated heat rate at manufacturer's rated load (kilojoules per watt hour) or, actual measured heat rate based on lower heating value of fuel as measured at actual peak load for the facility. The value of Y shall not exceed 14.4 kilojoules per watt hour.

- a. The Department of Health, with U.S. EPA's concurrence, may revise the allowable emission limitation for NO_x after reviewing the annual performance test results required under this Attachment, Section F.
- b. If the emission limits are revised, the difference between the applicable emission limit set forth above and the revised lower emission limit shall not be allowed as an emission offset for future construction or modification.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-90; 40 CFR §60.332, §60.333)¹

4. Opacity Limits.

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

(Auth.: HAR §11-60.1-3, §11-60.1-32, §11-60.1-90; SIP §11-60-24)²

5. Alternate Operating Scenarios

Terms and conditions for reasonably anticipated operating scenarios identified by the permittee in the covered source permit application and approved by the Department of Health are as follows:

- a. The permittee may replace any combustion turbine with a temporary replacement unit if any repair work reasonably warrants the removal (i.e., equipment failure, engine overhaul, or any major equipment problems requiring maintenance for efficient operation) of a combustion turbine from its site and the following provisions are adhered to:
 - i. Written notification identifying the reasons for the replacement from the site of operation is submitted to and approved by the Department of Health prior to the exchange;
 - ii) The combustion turbine is replaced with another unit of the same size or smaller and with equal or less emissions;
 - iii) The temporary replacement unit complies with all applicable conditions including all air pollution control equipment requirements, operating restrictions and emission limits;
 - iv) The combustion turbine shall be repaired and returned to service at the same location in a timely manner; and

- v) Prior to the removal and return of the combustion turbine, the permittee shall submit to the Department of Health written documentation on the removal and return dates; the manufacturer's specifications with calculation of emissions; and on the make, size, model and serial numbers for both the temporary replacement unit and installed unit.
- b. The permittee shall contemporaneously with making a change from one operating scenario to another, record in a log at the permitted facility the scenario under which it is operating and submit written notification to the Department of Health.
- c. The terms and conditions under each alternate operating scenario shall meet all applicable requirements including conditions of this permit.

(Auth.: HAR §11-60.1-3, §11-60.1-90)

Section D. Monitoring and Recordkeeping Requirements

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

1. Records

All test/sampling/monitoring records shall include:

- a. Equipment identification;
- b. Monitoring location, date and time of sampling or measurements;
- c. Dates sampling analyses were performed;
- d. Name and address of the company or entity that performed the analysis;
- e. Analytical techniques or methods used;
- f. Analyses results; and
- g. Operating conditions during the time of sampling or measurement.

(Auth.: HAR §11-60.1-3, §11-60.1-90)

2. Fuel Monitoring

- a. The permittee shall at its own expense install, operate, and maintain a non-resetting volumetric fuel meter on each combustion turbine for the permanent recording of the total fuel usage. Monthly records shall be kept of the beginning and ending meter readings and the total fuel usage. Monthly fuel summaries shall include the total fuel usage, and the total fuel used based on a rolling 12-month basis.
- b. Fuel purchase receipts shall be maintained, showing the fuel type, sulfur content (percent by weight), date of delivery, and amount (gallons) of fuel delivered to the site for the five (5) combustion turbines covered under this permit.
- c. The sulfur content of the fuel shall be determined by taking three (3) samples and using ASTM test method D129-00, D2622-98, D1266-98, D5453-00, or D1552-01. The tests shall be performed by the permittee, a service contractor, the fuel supplier, or any other qualified agency.
- d. The permittee shall use one of the total sulfur sampling options and the associated sampling frequency described in sections 2.2.3, 2.2.4.1, 2.2.4.2, and 2.2.4.3 of Appendix D to 40 CFR Part 75.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-90; 40 CFR §60.334, §60.335)¹

3. An inspection, maintenance, and repair log shall be maintained for the five (5) combustion turbines. At a minimum, these records shall include the date of the inspection, a short description of the action and/or any such repair work, and a description of the part(s) inspected or repaired.

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

4. Visible Emissions (V.E.).

- a. The permittee shall conduct **monthly** (*calendar month*) V.E. observations for each equipment in accordance with Method 9 or by use of a Ringelmann Chart as provided. For each period, two (2) observations shall be taken at fifteen (15) second intervals for six (6) consecutive minutes for each equipment. Records shall be completed and maintained in accordance with the *Visible Emissions Form Requirements*.
- b. The permittee shall conduct **annually** (*calendar year*) V.E. observations for each equipment by a certified reader in accordance with Method 9. For each period, two (2) observations shall be taken at fifteen (15) second intervals for six (6) consecutive minutes for each equipment. Records shall be completed and maintained in accordance with the *Visible Emissions Form Requirements*.

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

Please note that the waiving of the annual V.E. observation does not absolve the permittee from any monthly V.E. requirements. Monthly V.E. observations should still be performed in accordance with Attachment IIB, Special Condition D.4.a.

(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 25, respectively.
 - a. *Emissions of air pollutants in violation of HAR, Chapter 11-60.1 or this permit (excluding technology-based emission exceedences 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 the permit requirements, including those attributable to upset conditions, the probable cause of such deviations and any corrective actions or preventive measures taken. Corrective actions may include a requirement for additional stack testing, or more frequent monitoring, or the 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. The permittee shall submit **semiannually** 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. Any deviation from the permit conditions shall be clearly identified. At a minimum, the report shall include the information identified in HAR §11-60.1-16(b).

- b. Analysis of the sulfur content in JP-5 for which there were exceedances of the limit specified in Special Condition C.1. of Attachment IIB. If there were no exceedances, the permittee shall submit in writing a statement indicating that there were no exceedances for that semi-annual period.
- c. All periods of monitor downtime. Monitor downtime begins when a required sample is not taken by its due date, as specified in the methods outlined in Special Condition D.2.d. of Attachment IIB. Monitor downtime also begins on the date and hour of a required sample, if invalid results are obtained. The period of monitor downtime shall include only unit operating hours, and ends on the date and hour of the next valid sample. The attached Monitoring Report Form - *Fuel Certification* shall be used.
- d. The rolling twelve (12) month total of JP-5 consumed by each of the five (5) 2 MW combustion turbines. The attached Monitoring Report Form - *Fuel Consumption*, shall be used.
- e. Any opacity exceedances as determined by the required V.E. monitoring. Each exceedance reported shall include the date, six (6) minute average opacity reading, possible reason for exceedance, duration of exceedance, and corrective actions taken. If there were no exceedances, the permittee shall submit in writing a statement indicating that for each equipment, there were no exceedances for that semi-annual period. The attached Monitoring Report Form: *Visible Emissions*, shall be used.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-90; 40 CFR §60.334)¹

4. Compliance Certification.

- a. During the permit term, the permittee shall submit at least annually to the Department of Health and USEPA Region 9, the attached Compliance Certification Form pursuant to HAR, Subsection 11-60.1-86. The permittee shall indicate whether 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; and
- vi. Any additional information as required by the Department of Health, including information to determine compliance.

- b. 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.
- 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 §11-60.1-86, §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 per year emitted of each regulated air pollutant, including hazardous air pollutants. The reporting of annual emissions is due **within sixty (60) days following the end of each calendar year**. The enclosed Annual Emissions Report Form: *Combustion Turbines*, shall be used in reporting fuel consumption.

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 justifications exist for the extension.

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

- 6. The Department may at any time require the permittee to install, operate and maintain continuous emission monitors, or conduct additional stack testing, or ambient air monitoring.

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

Section F. Testing Requirements

- 1. The permittee shall annually conduct or cause to be conducted a source performance test to determine emissions of NO_x (as NO₂) from each combustion turbine while operating at 30%, 50%, 75% and 90-to-100% of peak load or at four evenly-spaced load points in the normal operating range of the combustion turbine.

The source performance tests for the emission of NO_x shall be conducted in accordance with the test methods set forth in appendix A of 40 CFR, Part 60. The permittee shall use either:

- a. U.S. EPA Method 20;
- b. U.S. EPA Method 7E and Method 3 or 3A; or
- c. U.S. EPA-approved equivalent methods.

The source performance test shall be conducted on an annual basis and at such other times as maybe specified by the Department of Health.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-11, §11-60.1-90; 40CFR §60.8, §60.335)¹

2. For each source performance test, the permittee shall verify the NO_x emission limit specified in Special Condition C.3. of Attachment IIB using the method in 40 CFR §60.335(b).

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-11, §11-60.1-90; 40CFR §60.8, §60.335)¹

3. The permittee shall provide sampling and testing facilities at its own expense.

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

4. The performance test shall consist of three (3) separate runs using the applicable test method. For the purpose of determining compliance with an applicable regulation, the arithmetic mean of the results from the three (3) runs shall apply.

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

5. For each test run, the following items shall be provided:

- a. Combustion turbine fuel firing rate (gal/hr);
- b. Generating output (kW/hr); and
- c. Fuel nitrogen and sulfur content (percent by weight).

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

6. **At least 30 calendar days prior to performing a test**, the permittee shall submit the date(s) of the scheduled stack performance test and a written performance test plan to the Department of Health that describes the test duration, test locations, test methods, source operation and other parameters that may affect test results. Such a plan shall conform to

U.S. EPA guidelines including quality assurance procedures. A test plan or quality assurance 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)

7. 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. All deviations must conform to U.S. EPA guidelines and must be clearly identified in the performance test plan submitted pursuant to Special Condition F.6. of Attachment IIB.

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

8. **Within sixty (60) days after completion of the performance test**, the permittee shall submit to the Department of Health and the EPA Regional Administrator, the test report which shall include the operating conditions of the equipment at the time of the test, the type and the analysis of the fuel, the summarized test results, comparative results with the permit emission limits, and other pertinent field and laboratory data.

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

9. The Department of Health may waive a specific performance test upon prior written request of the permittee. Such a request would need to be justified on the grounds that prior tests had shown compliance by a wide margin, and that adequate means exist to show continuing compliance.

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

Section G. Agency Notification

Any document (including reports) required to be submitted by this permit shall be done in accordance with Attachment I, Standard Condition 29.

(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.

**ATTACHMENT IIC: SPECIAL CONDITIONS
COVERED SOURCE PERMIT NO. 0105e-01-C
IWTC and TSDF**

[Issuance Date]

[Expiration Date]

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

Section A. Equipment Description

1. This permit encompasses the following equipment:
 - a. Four (4) each 5,000 gallon Off-site Material Management Tanks - tank numbers T-5, T-6, T-7, and T-8 at the Industrial Waste Treatment Complex (IWTC);
 - b. One 10,000 gallon Oily Wastewater Storage Tank, BELCO Manufacturing Co., tank no. T-4;
 - c. One 4,000 gallon Oily Wastewater Treatment Tank, BELCO Manufacturing Co., tank no. T-9; and
 - d. One Oily Wastewater Separator, Crall Products, Inc.

(Auth.: HAR §11-60.1-3)
2. Each tank shall be permanently marked at a conspicuous location. Each tank exempt from the requirements of 40 CFR §63.683 shall be permanently marked in such a manner it can be readily identified from the other tanks located at the IWTC.

(Auth.: HAR §11-60.1-3, §11-60.1-90; 40 CFR §63.683)¹

Section B. Applicable Federal Regulations

1. The Industrial Waste Treatment Complex (IWTC) is subject to the following federal regulations of 40 CFR Part 63 National Emission Standards for Hazardous Air Pollutants for Source Categories:
 - a. Subpart A - General Provisions;
 - b. Subpart DD - National Emission Standards for Hazardous Air Pollutants from Off-Site Waste and Recovery Operations; and

(Auth.: HAR §11-60.1-3, §11-60.1-90; 40 CFR §63.1, §63.680)¹
2. The Treatment Storage and Disposal Facility (TSDF) is subject to the following federal regulations of 40 CFR Part 63 National Emission Standards for Hazardous Air Pollutants for Source Categories:
 - a. Subpart A - General Provisions;

b. Subpart PP - National Emission Standards for Containers.

(Auth.: HAR §11-60.1-3, §11-60.1-90; 40 CFR §63.1, §63.920)¹

3. The permittee shall comply with all applicable provisions of Subparts A, DD, and PP including all emission limits and all notification, testing, monitoring, and reporting requirements.

(Auth.: HAR §11-60.1-3, §11-60.1-90; 40 CFR §63.1, §63.680, §63.920)¹

Section C. Operational Limitations

1. The total quantity of hazardous air pollutants (HAPs) from the off-site material streams contained in tank numbers T-4, T-5, T-6, and T-9 shall not exceed 1.1 tons (1 metric ton) per rolling twelve (12) month period. The total quantity of off-site HAPs shall include all HAPs listed in Table 1 of 40 CFR Part 63 Subpart DD.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-90; 40 CFR §63.683)¹

2. Prior to placing any off-site material stream into tank numbers T-7 and T-8, the permittee shall perform an initial determination of the average volatile organic hazardous air pollutant (VOHAP) concentration for each off-site material stream.

(Auth.: HAR §11-60.1-3, §11-60.1-90; 40 CFR §63.1, §63.683)¹

3. In no case shall the average VOHAP concentration of each off-site material stream received at the point-of-delivery of the IWTC and placed in tank numbers T-7 and T-8 exceed 500 parts per million by weight (ppmw).

(Auth.: HAR §11-60.1-3, §11-60.1-90; 40 CFR §63.1, §63.683)¹

4. The permittee shall control air emissions from each container storing off-site material streams at the TSDF in accordance with the requirements of 40 CFR §63.688 - Standards: Containers and 40 CFR §63.922 - Standards-Container Level 1 Controls.

(Auth.: HAR §11-60.1-3, §11-60.1-90; 40 CFR §63.1, §63.688, §63.922)¹

5. In no case shall any container located at the TSDF, storing off-site material streams with a design capacity greater than 121 gallons (0.46 m³) be placed in light-material service as defined in 40 CFR §63.681

(Auth.: HAR §11-60.1-3, §11-60.1-90; 40 CFR §63.1, §63.681, §63.688)¹

6. Alternate Operating Scenario

The permittee may use a temporary replacement unit equivalent to the permitted equipment in the event of a failure or major overhaul of an installed unit. Emissions from the replacement unit shall comply with all applicable requirements of the permitted unit.

(Auth.: HAR §11-60.1-2, §11-60.1-90)

Section D. Monitoring and Recordkeeping

1. Records, including support information, for all off-site material streams managed at the IWTC and TSDf shall be maintained for at least five years from the date of the monitoring sample, measurement, test, report, or application. Support information includes all calibration and maintenance records, all original laboratory reports, and copies of all reports required by the permit.

(Auth.: HAR §11-60.1-3, §11-60.1-90)

2. The permittee shall maintain documentation at the IWTC to show compliance with Special Condition C.1 of this Attachment. The documentation shall include identification of each off-site material stream placed in tank numbers T-4, T-5, T-6, and T-9 and the basis for determining the HAP content of each off-site material stored.

(Auth.: HAR §11-60.1-5, §11-60.1-11, §11-60.1-90; 40 CFR §63.683)¹

3. At the end of each calendar month, the permittee shall calculate the total quantity of HAPs from the off-site material streams placed in tank numbers T-4, T-5, T-6, and T-9 on a rolling twelve (12) month basis. The rolling twelve (12) month total shall be recalculated when changes to the quantity or composition of the off-site material streams placed into the tanks could cause the total quantity of HAPs from the off-site material streams to exceed 1.1 tons (1 metric ton) in any rolling twelve (12) month period.

(Auth.: HAR §11-60.1-5, §11-60.1-11, §11-60.1-90; 40 CFR §63.683)¹

4. The permittee shall maintain documentation at the IWTC to show compliance with Special Condition C.3 of this Attachment. The documentation shall include the VOHAP concentration (ppmw) of each off-site material stream placed in tank numbers T-7 and T-8. The documentation shall also include the methods used to determine the VOHAP concentration of each off-site material stream placed in tank numbers T-7 and T-8.

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

5. At the end of each calendar year, the permittee shall review and update each determination made on the average VOHAP concentration of each off-site material stream received at the IWTC.

(Auth.: HAR §11-60.1-5, §11-60.1-11, §11-60.1-90; 40 CFR §63.683)¹

Section E. Notification and Reporting Requirements

1. Notification and reporting pertaining to the following events shall be done in accordance with Attachment I, Standard Conditions, Conditions 16, 17, and 25, respectively:
 - a. *Intent to shut down air pollution control equipment for necessary scheduled maintenance;*
 - b. *Emissions of air pollutants in violation of HAR, Chapter 11-60.1 or this permit (excluding technology-based emission exceedances due to emergencies); and*
 - c. *Permanent discontinuance of construction, modification, relocation, or operation of the facility covered by this permit.*

(Auth.: HAR §11-60.1-8, §11-60.1-15, §11-60.1-16, §11-60.1-90; SIP §11-60-10, SIP §11-60-16)²

2. The permittee shall report within five (5) working days any deviations from permit requirements, including those attributable to upset conditions, the probable cause of such deviations and any corrective actions or preventive measures taken. Corrective actions may include a requirement for 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. The permittee shall submit semi-annually the following written reports to the Department of Health. The reports 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 be signed and dated by an authorized representative.
 - a. Total quantity of HAPs contained in the off-site material streams placed in tank numbers T-4, T-5, T-6, and T-9 on a monthly and rolling twelve (12) month basis. The enclosed Monitoring Report Form, *Tanks - Off-Site Material Streams Containing Hazardous Air Pollutants*, shall be used.

- b. Any exceedances of the VOHAP concentration limit as specified by Special Condition No. C.3. If there were no exceedances, the permittee shall submit in writing a statement indicating there were no exceedances for that semi-annual period.

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

4. In the event a temporary replacement unit is placed into service, the permittee shall submit written notification to the Department of Health within fifteen (15) days *of the event*.

(Auth.: HAR §11-60.1-5, §11-60.1-90)

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 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; and
- vi. Any additional information as required by the Department of Health, including information to determine compliance.

- b. 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.
- 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 §11-60.1-86, §11-60.1-90)

Section F. Testing Requirements.

The procedures specified in 40 CFR § 63.694(b) shall be used to determine the average VOHAP concentration of each off-site material stream received at the point-of-delivery of the IWTC.

(Auth.: HAR §11-60.1-5, §11-60.1-11, §11-60.1-90; 40 CFR §63.683)¹

Section G. Agency Notification

Any document (including reports) required to be submitted by this Covered Source Permit shall be done in accordance with Attachment I, Standard Conditions, Condition 29.

(Auth.: HAR §11-60.1-4, §11-60.1-90)

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

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

**ATTACHMENT II - INSIG: SPECIAL CONDITIONS
COVERED SOURCE PERMIT NO. 0105e-01-C
INSIGNIFICANT ACTIVITIES**

[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:

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 in a permanent form suitable for inspection and made available to the Department of Health or their authorized representative upon request.

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

Section D. Notification and Reporting

Compliance Certification

1. 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; and
 - vi. Any additional information as required by the Department of Health including information to determine compliance.

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

2. 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.
3. 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)

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. 29.

(Auth.: HAR §11-60.1-4, §11-60.1-90)

**ATTACHMENT III: ANNUAL FEE REQUIREMENTS
COVERED SOURCE PERMIT NO. 0105e-01-C**

[Issuance Date]

[Expiration Date]

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

1. Annual fees shall be paid in full:
 - a. Within **sixty (60) days** after the end of each calendar year; and
 - b. Within **thirty (30) days** after the permanent discontinuance of the covered source.
2. The annual fees shall be determined and submitted in accordance with Hawaii Administrative Rules, Chapter 11-60.1, Subchapter 6.
3. The annual emissions data for which the annual fees are based shall accompany the submittal of any annual fees and be submitted on forms furnished by the Department of Health.
4. The annual fees and the emission data shall be mailed to:

**Clean Air Branch
Environmental Management Division
Hawaii Department of Health
P. O. Box 3378
Honolulu, HI 96801-3378**

**ATTACHMENT IV: ANNUAL EMISSIONS REPORTING REQUIREMENTS
COVERED SOURCE PERMIT NO. 0105e-01-C**

[Issuance Date]

[Expiration Date]

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

1. Complete the attached forms:

Annual Emissions Report Form: Combustion Turbines

Annual Emissions Report Form: Boilers

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, including information concerning secret processes or methods of manufacture, by submitting a written request to the Director and clearly identifying the specific information that is to be accorded confidential treatment.

PROPOSED

**MONITORING REPORT FORM
TANKS - OFF-SITE MATERIAL STREAMS CONTAINING HAZARDOUS AIR POLLUTANTS
COVERED SOURCE PERMIT NO. 0105e-01-C**

[Issuance Date]

[Expiration Date]

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

For Period: _____ Date: _____

Facility Name: _____

Equipment Location: _____

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.

Responsible Official (Print): _____

Title: _____

Responsible Official (Signature): _____

Tank No. T-4	Total Weight of Hazardous Air Pollutants ¹	
	Added During Month (lbs)	Rolling Twelve (12) Month Total (lbs)
January		
February		
March		
April		
May		
June		
July		
August		
September		
October		
November		
December		

1. Table 1 of 40 CFR Part 63 Subpart DD lists the off-site hazardous air pollutants to be included in the weight calculations.

PROPOSED

**MONITORING REPORT FORM
TANKS - OFF-SITE MATERIAL STREAMS CONTAINING HAZARDOUS AIR POLLUTANTS
COVERED SOURCE PERMIT NO. 0105e-01-C**

[Issuance Date]

[Expiration Date]

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

For Period: _____ Date: _____

Facility Name: _____

Equipment Location: _____

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.

Responsible Official (Print): _____

Title: _____

Responsible Official (Signature): _____

Tank No. T-5	Total Weight of Hazardous Air Pollutants ¹	
	Added During Month (lbs)	Rolling Twelve (12) Month Total (lbs)
January		
February		
March		
April		
May		
June		
July		
August		
September		
October		
November		
December		

1. Table 1 of 40 CFR Part 63 Subpart DD lists the off-site hazardous air pollutants to be included in the weight calculations.

**MONITORING REPORT FORM
TANKS - OFF-SITE MATERIAL STREAMS CONTAINING HAZARDOUS AIR POLLUTANTS
COVERED SOURCE PERMIT NO. 0105e-01-C**

[Issuance Date]

[Expiration Date]

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

For Period: _____ Date: _____

Facility Name: _____

Equipment Location: _____

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.

Responsible Official (Print): _____

Title: _____

Responsible Official (Signature): _____

Tank No. T-6	Total Weight of Hazardous Air Pollutants ¹	
	Added During Month (lbs)	Rolling Twelve (12) Month Total (lbs)
January		
February		
March		
April		
May		
June		
July		
August		
September		
October		
November		
December		

1. Table 1 of 40 CFR Part 63 Subpart DD lists the off-site hazardous air pollutants to be included in the weight calculations.

**MONITORING REPORT FORM
TANKS - OFF-SITE MATERIAL STREAMS CONTAINING HAZARDOUS AIR POLLUTANTS
COVERED SOURCE PERMIT NO. 0105e-01-C**

[Issuance Date]

[Expiration Date]

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

For Period: _____ Date: _____

Facility Name: _____

Equipment Location: _____

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.

Responsible Official (Print): _____

Title: _____

Responsible Official (Signature): _____

Tank No. T-9	Total Weight of Hazardous Air Pollutants ¹	
	Added During Month (lbs)	Rolling Twelve (12) Month Total (lbs)
January		
February		
March		
April		
May		
June		
July		
August		
September		
October		
November		
December		

1. Table 1 of 40 CFR Part 63 Subpart DD lists the off-site hazardous air pollutants to be included in the weight calculations.

PROPOSED

ANNUAL EMISSIONS REPORT FORM BOILERS COVERED SOURCE PERMIT NO. 0105e-01-C	
[Issuance Date]	[Expiration Date]

For Period: _____ Date: _____

Facility Name: U.S. Navy, Navy Region Hawaii Public Works Center Pearl Harbor in the PHNC

Equipment Location: Various locations throughout the PHNC

Equipment Description: _____

Serial/ID No.: _____

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

Responsible Official (Print): _____

Title: _____

Responsible Official (Signature): _____

Classification of Boiler by Heat Input: Industrial 10 to 100 MMBTU/hr

Type of Fuel Fired	Fuel Usage Gallons per year	% Sulfur Content by Weight
Diesel Fuel No. 2		

PROPOSED

**ANNUAL EMISSIONS REPORT FORM
COMBUSTION TURBINES
COVERED SOURCE PERMIT NO. 0105e-01-C**

[Issuance Date]

[Expiration Date]

For Period: _____ Date: _____

Facility Name: U.S. Navy, Navy Region Hawaii Public Works Center Pearl Harbor in the PHNC

Equipment Location: _____

Equipment Description: 2 MW Allison Combustion Turbines, model no. 501-K14C

Serial/ID No.: _____

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

Responsible Official (Print): _____

Title: _____

Responsible Official (Signature): _____

Type of Fuel Fired	Fuel Usage Gallons per year	% Sulfur Content by Weight
JP-5		

PROPOSED

**MONITORING REPORT FORM
FUEL CONSUMPTION
COVERED SOURCE PERMIT NO. 0105e-01-C**

[Issuance Date]

[Expiration Date]

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

For Period: _____ Date: _____

Facility Name: U.S. Navy, Navy Region Hawaii Public Works Center Pearl Harbor in the PHNC

Equipment Location: _____

Equipment Description: 2 MW Allison Combustion Turbines, model no. 501-K14C

Serial/ID No.: _____

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

Responsible Official (Print): _____

Title: _____

Responsible Official (Signature): _____

MONTH	MONTHLY FUEL CONSUMPTION	12-MO. ROLLING AVERAGE	NOTES
January			
February			
March			
April			
May			
June			
July			
August			
September			
October			
November			
December			

PROPOSED

**VISIBLE EMISSIONS FORM REQUIREMENTS
STATE OF HAWAII
COVERED SOURCE PERMIT NO. 0105e-01-C**

[Issuance Date]

[Expiration Date]

The **Visible Emissions (V.E.) Form** shall be completed **monthly** (*each calendar month*) for each equipment subject to opacity limits in accordance with 40 CFR Part 60, Appendix A, Method 9 or use of a Ringelmann Chart as provided. At least **annually** (*calendar year*), V.E. observation shall be conducted for each equipment subject to opacity limits by a certified reader in accordance with Method 9. The V.E. Form shall be completed as follows:

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

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

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

PROPOSED

**VISIBLE EMISSIONS FORM
STATE OF HAWAII
COVERED SOURCE PERMIT NO. 0105e-01-C**

[Issuance Date]

[Expiration Date]

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

Permit No.: 0105e-01-C

Company Name: U.S. Navy, Navy Region Hawaii

Public Works Center Pearl Harbor in the PHNC

Equipment and Fuel: _____

Site Conditions:

Stack height above ground (ft): _____

Stack distance from observer (ft): _____

Emission color (black or white): _____

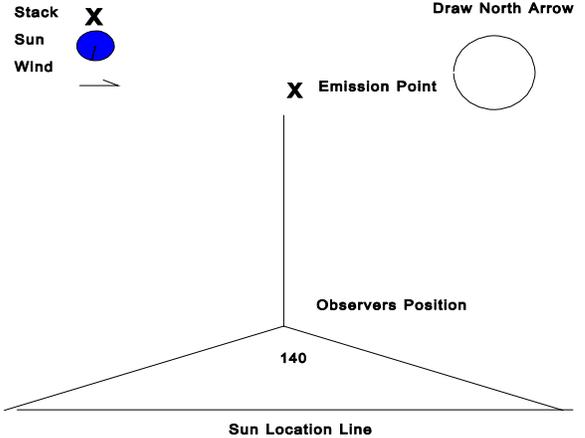
Sky conditions (% cloud cover): _____

Wind speed (mph): _____

Temperature (°F): _____

Observer Name: _____

Certified? (Yes/No): _____



Observation Date and Start Time: _____

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

Observation Date and Start Time: _____

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

**MONITORING REPORT FORM
FUEL CERTIFICATION
COVERED SOURCE PERMIT NO. 0105e-01-C**

[Issuance Date]

[Expiration Date]

In accordance with the Hawaii Administrative Rules, Title 11, Chapter 60.1, Air Pollution Control, the permittee shall report to the Department of Health the nature of fuel used for the permitted equipment.

For Period: _____ Date: _____

Facility Name: US Navy, Navy Region Hawaii Public Works Center Pearl Harbor in the PHNC

Equipment Location: _____

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

Responsible Official (Print): _____

Title: _____

Responsible Official (Signature): _____

1. Sulfur Content

Equipment Description	Type of Fuel Fired	% Sulfur Content by Weight
12.6 MMBtu/hr Portable Boiler, Hurst model no. 53-P2-300-275, serial no. S1500-275-1		
12.6 MMBtu/hr Portable Boiler, Superior Boiler Works model no. MS6-5-1500, serial no. 9720		
2 MW Combustion Turbine, Allison, model no. 501-K14C, serial no. 51-17906		
2 MW Combustion Turbine, Allison, model no. 501-K14C, serial no. 51-17908		
2 MW Combustion Turbine, Allison, model no. 501-K14C, serial no. 51-17895		
2 MW Combustion Turbine, Allison, model no. 501-K14C, serial no. 51-17893		
2 MW Combustion Turbine, Allison, model no. 501-K14C, serial no. 51-17891		

2. Monitor Down-time for the 2MW Combustion Turbines

Beginning		Ending		Reason
Date	Hour	Date	Hour	

**COMPLIANCE CERTIFICATION FORM
COVERED SOURCE PERMIT NO. 0105e-01-C
(PAGE 1 OF 2)**

[Issuance Date]

[Expiration Date]

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

(Make Copies for Future Use)

For Period: _____ Date: _____

Facility Name: U.S. Navy, Navy Region Hawaii Public Works Center Pearl Harbor in the PHNC

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.

Responsible Official (Print): _____

TITLE: _____

Responsible Official (Signature): _____

Complete the following information for **each** term or condition of the permit that applies to **each** emissions unit at the source. Also include any additional information as required by the director. The compliance certification may reference information contained in a previous compliance certification submittal to the director, provided such referenced information is certified as being current and still applicable.

1. Current permit number: _____

2. Emissions Unit No./Description: _____

3. Identify the permit term(s) or condition(s) that is/are the basis of this certification:

4. Compliance status during the reporting period:

a. Has the emissions unit been in compliance with the identified permit term(s) or condition(s)?

YES NO

b. If YES, was compliance continuous or intermittent?

Continuous Intermittent

**COMPLIANCE CERTIFICATION FORM
COVERED SOURCE PERMIT NO. 0105e-01-C
(CONTINUED, PAGE 2 OF 2)**

c. If NO, explain.

5. The methods used for determining the compliance status of the emissions unit currently and over the reporting period (e.g., monitoring, recordkeeping, reporting, test methods, etc.):

Provide a detailed description of the methods used to determine compliance: (e.g., monitoring device type and location, test method description, or parameter being recorded, frequency of recordkeeping, etc.):

6. Statement of Compliance with Enhanced Monitoring and Compliance Certification Requirements.

a. Is the emissions unit identified in this application in compliance with applicable enhanced monitoring and compliance certification requirements?

YES NO

b. If YES, identify those requirements:

c. If NO, describe below which requirements are not being met:
