

PROPOSED

[ISSUANCE DATE]

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

03-XXXE CAB
File No. 0536-01

Mr. Richard Lee
President
R.H.S. Lee, Inc.
96-1414 Waihona Place
Pearl City, Hawaii 96782

Dear Mr. Lee:

**Subject: Temporary Covered Source Permit (CSP) No. 0536-01-CT
R.H.S. Lee, Inc.
385 TPH Mobile Crushing Plant and 500 TPH Portable Screening Plant
Located at: Various Temporary Sites, State of Hawaii
Initial Location: UTM - 599,900 Meters East and 2,368,100 Meters North,
Along Kunia Road, Waipahu, Oahu
Date of Expiration: [FIVE YEAR PERIOD FROM ISSUANCE DATE]**

The subject temporary covered source permit is issued in accordance with Hawaii Administrative Rules (HAR), Title 11, Chapter 60.1. The issuance of this permit is based on the plans, specifications, and information that you submitted as part of your application received on April 8, 2003, and the additional information received on May 28, 2003.

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

- Attachment I: Standard Conditions
- Attachment II: Special Conditions
- Attachment III: Annual Fee Requirements
- Attachment IV: Annual Emissions Reporting Requirements

The forms for submission are as follows:

- Attachment V: Compliance Certification
- Annual Emissions Report Form: Mobile Crushing Plant
- Annual Emissions Report Form: Portable Screening Plant
- Annual Emissions/Monitoring Report Form: Diesel Engine Fuel Consumption
- Monitoring Report Form: Operating Hours Mobile Crushing Plant/Diesel Engine
- Monitoring Report Form: Operating Hours Portable Screening Plant
- Monitoring Report Form: Visible Emissions
- Change of Location Request for a Temporary Source Form

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The following are for use in monitoring and monitoring records on visible emissions:

- a. Visible Emissions Observation Requirements State of Hawaii;
- b. Visible Emissions Form State of Hawaii; and
- c. The Ringelmann Chart

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

MM:lk

Enclosures

c: CAB Enforcement Section

**ATTACHMENT I: STANDARD CONDITIONS
TEMPORARY COVERED SOURCE PERMIT NO. 0536-01-CT**

[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 wilfully 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:
- 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;
 - The **actual date of construction commencement** within fifteen (15) days after such date; and
 - 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:
- Identification of the specific equipment to be taken out of service, as well as its location and permit number;
 - The expected length of time that the air pollution control equipment will be out of service;
 - The nature and quantity of emissions of air pollutants likely to be emitted during the shutdown period;
 - Measures such as the use of off-shift labor and equipment that will be taken to minimize the length of the shutdown period; and
 - 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 each 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. Construction shall be commenced within eighteen (18) months after the permit takes effect, shall not be discontinued for a period of eighteen (18) months or more, and shall be 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, §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 assure 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 fewer than twelve (12) months and no more than eighteen (18) months prior to the permit expiration date. The Department of Health may allow a permit renewal application to be submitted no fewer than six (6) months prior to the permit expiration date, if the Department of Health 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

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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)

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

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

PROPOSED

ATTACHMENT II: SPECIAL CONDITIONS TEMPORARY COVERED SOURCE PERMIT NO. 0536-01-CT

[Issuance Date]

[Expiration Date]

In addition to the standard conditions of the temporary covered source permit, the following special conditions shall apply to the permitted facility:

Section A. Equipment Description

1. The 385 TPH mobile crushing plant and 500 TPH portable screening plant consist of the following:
 - a. 385 TPH Parker mobile crushing plant with tracks, model no. RT1180DH, serial no. 11715, with the following equipment and associated appurtenances:
 - i. 319-385 TPH primary jaw crusher (42" x 32" jaw size);
 - ii. Hopper (8 1/2 yd³);
 - iii. Vibrating grizzly feeder (48" x 13'-6");
 - iv. Main belt conveyor (40" wide);
 - v. Magnetic separator;
 - vi. Side belt conveyor (26" wide);
 - vii. Water spray system; and
 - Viii. 250 hp Caterpillar diesel engine, model no. 3306B, serial no. 64Z31408.
 - b. 500 TPH Powerscreen of America, Inc. Commander Powerscreen, serial no. 5102620, with the following equipment and associated appurtenances:
 - i. Double-deck screen;
 - ii. 10 yd³ capacity hopper with tipping grid;
 - iii. Two (2) conveyor stockpilers;
 - iv. Transfer box chute servicing screen discharge; and
 - v. Water spray system.

(Auth.: HAR §11-60.1-3)

2. An identification tag or name plate shall be displayed on the mobile crushing plant and diesel engine listed above to show the model no., serial no., and manufacturer. An identification tag or name plate shall be displayed on the portable screening plant listed above to show the serial no. and manufacturer. The identification tag or name plate shall be permanently attached to the equipment at a conspicuous location.

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

Section B. Applicable Federal Regulations

1. The 385 TPH portable crushing plant, excluding the diesel engine servicing the plant, is subject to the provisions of the following federal regulations:
 - a. 40 CFR Part 60, Standards of Performance for New Stationary Sources, Subpart A, General Provisions; and
 - b. 40 CFR Part 60, Standards of Performance for New Stationary Sources, Subpart OOO, Standards of Performance for Nonmetallic Mineral Processing Plants.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161; 40 CFR § 60.1, §60.670)¹

2. The 500 TPH portable screening plant is subject to the provisions of the following federal regulations when operated at the same site as the 385 TPH mobile crushing plant:
 - a. 40 CFR Part 60, Standards of Performance for New Stationary Sources, Subpart A; and
 - b. 40 CFR Part 60, Standards of Performance for New Stationary Sources, Subpart OOO.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161; 40 CFR § 60.1, §60.670)¹

3. The permittee shall comply with all of the applicable provisions of the federal 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 Part 60)¹

Section C. Operational and Emission Limitations

1. Hour Limitations
 - a. The total operating hours of the 385 TPH mobile crushing plant and 250 hp diesel engine shall not exceed 2,500 hours per any rolling twelve-month (12-month) period.
 - b. The total operating hours of the 500 TPH portable screening plant shall not exceed 2,500 hours per any rolling twelve-month (12-month) period.

(Auth.: HAR §11-60.1-3, §11-60.1-90)

2. Maintenance

The mobile crushing plant and portable screening plant, including the water spray system(s) and diesel engine, shall be maintained in good operating condition at all times with scheduled inspection and maintenance as recommended by the manufacturer or as needed.

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

3. Fuel Limitation

The diesel engine servicing the mobile crushing plant shall be fired only on fuel oil no. 2 with a fuel sulfur content not to exceed 0.5% by weight.

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

4. Fugitive Emission Limitations

- a. The permittee shall not cause to be discharged into the atmosphere, fugitive emissions greater than:
 - i. Fifteen (15) percent opacity from any crusher; and
 - ii. Ten (10) percent opacity from any transfer point on the belt conveyor(s) or from any other affected facility.
- b. The permittee shall not cause or permit fugitive dust to become airborne without taking reasonable precautions and shall not cause or permit the discharge of visible emissions of fugitive dust beyond the lot line of the property boundary on which the emissions originate.

(Auth.: HAR §11-60.1-3, §11-60.1-33, §11-60.1-90, §11-60.1-161, 40 CFR §60.672)¹

5. Air Pollution Controls

- a. Measures shall be taken by the permittee to control fugitive dust at material transfer points, stockpiles, and throughout the work yard. The Department of Health may at any time require the permittee to further abate fugitive dust emissions if an inspection indicates poor or insufficient control. The following measures shall be used by the permittee to control fugitive dust:
 - i. A water spray truck shall be operated and maintained for the work yard and stockpiles;
 - ii. A water spray bar/nozzle shall be operated and maintained for the water spray system at the jaw crusher of the mobile crushing plant;

- iii. A water spray bar/nozzle shall be operated and maintained for the water spray system at the grizzly feeder of the mobile crushing plant;
 - iv. A water spray bar/nozzle shall be operated and maintained for the water spray system at the transfer point to side conveyor of the mobile crushing plant;
 - v. A water spray bar/nozzle shall be operated and maintained for the water spray system at the discharge end of the main conveyor of the mobile crushing plant;
 - vi. A hand-held sprayer shall be operated and maintained for the water spray system at the operator platform of the mobile crushing plant; and
 - vii. A water spray bar/nozzle shall be operated and maintained for the water spray system at discharge end of the conveyor stockpilers, including the conveyor stockpiler supplying material to the double-deck screen of the portable screening plant.
- b. The water spray system for the mobile crushing plant and portable screening plant shall be properly maintained, kept in good operating condition, and utilized as necessary during crushing and screening operations, to control fugitive emissions to the applicable requirements. The Department of Health may at any time require the permittee to further abate fugitive dust emissions if an inspection indicates poor or insufficient control.
- c. The mobile crushing plant and portable screening plant shall not operate if observation or routine inspection of the wet suppression equipment, as required by Attachment II, Special Condition No. D.5.b, shows a significant drop in water flow rate, plugged nozzle(s), leak in the piping system, or other problem which affects the efficiency. The permittee shall investigate and correct the problem before resuming operation. The normal operating flow rate (gallons per minute) for the water spray system(s) shall be established in the performance test conducted pursuant to Special Conditions, Section F. After review of the performance test results, the Department of Health may set a requirement for minimum operating water flow rate.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-33, §11-60.1-90)

6. Diesel Engine Visible Emission Limitations

For any six (6) minute averaging period, the diesel engine shall not exhibit visible emissions of twenty (20) percent or greater, except as follows: during startup, shutdown, or equipment breakdown, the diesel engine 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

7. Location Change

The operation of the equipment covered by this temporary covered source permit shall involve at least one (1) location change during the term of this permit. Subsequent location changes of the mobile crushing plant and portable screening plant shall be in accordance with Special Conditions, Section G. For each change in location, the Department of Health reserves the right to impose additional operational controls and restrictions if a site evaluation or air modeling assessment indicates the controls and/or restrictions are necessary.

(Auth.: HAR §11-60.1-3, §11-60.1-81 §11-60.1-91)

8. Alternate Operating Scenario

For operation of the portable screening plant as a stand alone unit at sites where the mobile crushing plant is not located, Attachment II, Special Condition Nos. B.2, B.3, C.4.a.ii, D.8.b, D.8.d, and E.4.c are not applicable to the portable screening plant. The remaining conditions of this permit that pertain to the portable screening plant are applicable to the screening plant's operation.

(Auth.: HAR §11-60.1-3, §11-60.1-81 §11-60.1-91)

Section D. Monitoring and Recordkeeping Requirements

1. Records

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

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

2. Production

The permittee shall maintain records to determine the total tons of material processed by the mobile crushing plant and portable screening plant for purposes of annual emissions reporting.

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

3. Hours of Operation

A non-resetting hour meter shall be operated and maintained for the mobile crushing plant, diesel engine, and portable screening plant for the continuous and permanent recording of the total hours operated for purposes of the hour limitations specified in Attachment II, Special Condition No. C.1. The following records shall be kept at each location:

- a. The date of the meter readings;
- b. Beginning meter readings for each month of operation at each location;
- c. The total hours operated for each month at each location; and
- d. The total hours operated on a twelve-month (12-month) rolling basis.

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

4. Fuel Certification

Fuel purchase receipts, showing the fuel type, sulfur content (percent by weight), date of delivery, and amount (gallons) of fuel delivered to each location for the diesel engine of the mobile crushing plant shall be maintained. Fuel sulfur content may be demonstrated by providing the supplier's fuel specification sheet for the type of fuel purchased and received. Records on the total amount (gallons) of fuel fired by the diesel engine and percent sulfur content of the fuel shall be maintained for purposes of annual emissions reporting and the fuel limitation specified in Attachment II, Special Condition No. C.3.

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

5. Water Spray System

- a. A non-resetting water flow meter shall be installed, operated, and maintained for the water spray system of the mobile crushing plant and portable screening plant to determine the cumulative gallons of water used for fugitive dust control and gallon per minute flow rate for the water spray system servicing the equipment.
- b. The water spray system, to include connected piping, spray bar, spray nozzles, and water flow meter(s) shall be checked routinely, or at least once per month, to ensure proper operation of the water spray system(s).

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

6. Inspection, Maintenance, and Repair Log

An inspection, maintenance, and repair log shall be maintained for the equipment covered under this permit. Replacement of parts and repairs to the mobile crushing plant and portable screening plant, including the diesel engine and water spray system(s), shall be documented. At a minimum, the following records shall be maintained:

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

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

7. Performance Test

An initial source performance test and all annual source performance tests thereafter shall be conducted for concurrent operation of the mobile crushing plant and portable screening plant pursuant to Special Conditions, Section F. Test summaries and results shall be maintained in accordance with the requirements of Section F.

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

8. Visible Emissions (V.E.)

- a. Except in those months where V.E. observations are conducted by a certified reader for the annual observations of the diesel engine servicing the mobile crushing plant, the permittee shall conduct **monthly** (*calendar month*) V.E. observations of the diesel engine in accordance with Method 9 or by use of a Ringelmann Chart as provided. For each month, two (2) consecutive six (6) minute observations shall be taken at fifteen (15) second intervals. Records shall be completed and maintained in accordance with the **Visible Emissions Form Requirements**.
- b. Except in those months where a performance test is conducted for fugitive emissions pursuant to Attachment II, Special Conditions, Section F, the permittee shall conduct **monthly** (*calendar month*) V.E. observations for the mobile crushing plant's and portable screening plant's fugitive emissions in accordance with Method 9 or by use of a Ringelmann Chart as provided. V.E. observations shall be conducted for the primary jaw crusher, double-deck screen, and transfer points on the conveyor(s). For each month, two (2) consecutive six (6) minute observations shall be taken at fifteen (15) second intervals for each emissions point subject to opacity limits. Records shall be completed and maintained in accordance with the **Visible Emissions Form Requirements**. For the visible emissions observations of the fugitive emissions, the observer shall comply with the following additional requirements:

- i. The minimum distance between the observer and the emission source shall be 4.57 meters (15 feet) but not more than 402 meters (0.25 miles);
 - ii. The observer shall, when possible, select a position that minimizes interference from other fugitive emission sources. The required observer position relative to the sun (Method 9, Section 2.1) shall be followed; and
 - iii. The observer shall record the operating rate (tons/hr) of the mobile crushing plant and portable screening plant at the time the observations were made.
- c. The permittee shall conduct **annually** (calendar year), V.E. observations for the diesel engine by a certified reader in accordance with Method 9. For the annual observation, two (2) consecutive six (6) minute observations shall be taken at fifteen (15) second intervals. Records shall be completed and maintained in accordance with the **Visible Emissions Form Requirements**.
- d. The Department of Health may allow observation of a portion of the total fugitive emission points for the mobile crushing plant and portable screening plant if it can be demonstrated that operations have been in compliance the permit. At a minimum, three fugitive emission points shall be observed each month. The selection of the points shall include the crusher and double-deck screen or those points as specified by the Department of Health. Allowance to observe a portion of the total required emission points shall be obtained in writing from the Department of Health.
- e. Upon written request and justification by the permittee, the Department of Health may waive the requirement for the annual V.E. observation of the diesel engine. The waiver request is to be submitted prior to the required annual V.E. observation and must include documentation justifying such action. Documentation should include, but is not limited to, the results of the prior V.E. observations indicating compliance by a wide margin, documentation of continuing compliance, and further that operations of the source have not changed since the previous annual V.E. observation.

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

Section E. Notification and Reporting Requirements

1. Standard Condition Reporting

Notification and reporting pertaining to the following events shall be done in accordance with Attachment I, Standard Conditions Nos. 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 of 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, §11-60-16)²

2. Deviations

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

- a. At least **thirty (30) days prior** to conducting a source performance test pursuant to Special Conditions, Section F, the permittee shall submit to the Department of Health a test plan indicating the date(s) of the scheduled performance test for the mobile crushing plant and portable screening plant. The test plan shall indicate the locations of the visible emissions readings.
- b. Written reports of the results of all source performance tests conducted to demonstrate compliance shall be submitted to the Department of Health **within sixty (60) days** after the completion of each performance test and shall be in conformance with Attachment II, Special Condition No. F.6.

(Auth.: HAR §11-60.1-3, §11-60.1-90, 11-60.1-161, 40 CFR §60.676, CFR §60.8)¹

4. Monitoring Reports

The permittee shall submit **semi-annually** the following 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 - June 30 and July 1 - December 31) and shall include:

- a. The total operating hours of the mobile crushing plant, diesel engine, and portable screening plant on a monthly and twelve-month (12-month) rolling basis.
- b. The type and number of gallons of fuel fired by the diesel engine during the respective

reporting period. Include the maximum sulfur content (percent by weight) of the fuel fired.

- c. Any opacity exceedances as determined by visible emissions monitoring of the mobile crushing plant, portable screening plant, and diesel engine. Each exceedance reported shall include the date, six (6) minute average opacity reading, possible reason for exceedance, duration of exceedance, and corrective actions. If there were no exceedances, the permittee shall submit, in writing, a statement that there were no exceedances for that semi-annual period.

The enclosed **Annual Emissions/Monitoring Report Form: Diesel Engine Fuel Consumption, Monitoring Report Form: Operating Hours Mobile Crushing Plant/Diesel Engine, Monitoring Report Form: Operating Hours Portable Screening Plant, and Monitoring Report Form: Visible Emissions**, shall be used.

(Auth.: HAR §11-60.1-3, §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 any 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: Mobile Crushing Plant, Annual Emissions Report Form: Portable Screening Plant, and Annual Emissions/Monitoring Report Form: Diesel Engine Fuel Consumption**, 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, §11-60.1-90)

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, **Attachment V: Compliance Certification** 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 a responsible official or authorized representative.

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

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

Section F. Testing Requirements

1. Performance Testing

Within sixty (60) days after issuance of this permit, but **not later than one-hundred eighty (180) days after** permit issuance and annually thereafter, the permittee shall conduct or cause to be conducted source performance tests for concurrent operation of the mobile crushing plant and portable screening plant. The tests shall be conducted on units subject to opacity limits. The Department of Health may require testing at other points in the facility if an inspection indicates poor or insufficient controls.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-11, §11-60.1-90; 40 CFR §60.675)¹

2. Performance Test Methods

- a. Performance tests for the determination of opacity shall be conducted by a certified reader using Method 9 of 40 CFR Part 60 Appendix A and the procedures in 40 CFR §60.11 with the following additions for the fugitive emissions observations:
 - i. The minimum distance between the observer and the emissions source shall be 4.57 meters (15 feet) but not more than 402 meters (0.25 miles);

- ii. The observer shall, when possible, select a position that minimizes interference from other fugitive emission sources. The required observer position relative to the sun (Method 9, Section 2.1) shall be followed; and
 - iii. The observer shall record the operating rate (tons/hr) of the mobile crushing plant and portable screening plant at the time observations were made.
 - b. When determining compliance with the fugitive emissions standard specified in Special Condition No. C.4.a.i for the crusher, the duration of Method 9 may be reduced from three (3) hours (thirty 6-minute averages) to one (1) hour (ten 6-minute averages) only if the following conditions apply:
 - i. There are no individual readings greater than fifteen (15) percent opacity; and
 - ii. There are no more than three (3) readings of fifteen (15) percent for the 1-hour period.
 - c. When determining compliance with the fugitive emissions standard specified in Special Condition No. C.4.a.ii for any transfer point on the belt conveyor(s) or for any other affected facility, the duration of Method 9 may be reduced from three (3) hours (thirty 6-minute averages) to one (1) hour (ten 6-minute averages) only if the following conditions apply:
 - i. There are no individual readings greater than ten (10) percent opacity; and
 - ii. There are no more than three (3) readings of ten (10) percent for the 1-hour period.
 - d. When determining compliance with the fugitive emissions standards of Special Condition Nos. C.4.a.i and C.4.a.ii, if emissions from two or more facilities continuously interfere so that the opacity of fugitive emissions from an individual affected facility cannot be read, either of the following procedures may be used:
 - i. Use for the combined emission stream, the highest fugitive opacity standard applicable to any of the individual affected facilities contributing to the emissions stream.
 - ii. Separate the emissions so that the opacity of emissions from each affected facility can be read.
 - e. If, after **thirty (30) days** notice for an initially scheduled performance test, there is a delay (due to operational problems, etc.) in conducting any rescheduled performance test required by Section F, the permittee shall submit a notice to the Department of

Health at least **seven (7) days** prior to any rescheduled performance test.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90, §11-60.1-161; 40 CFR §60.675)¹

3. Performance Test Expense and Monitoring

Performance tests shall be made at the expense of the permittee and shall be conducted at the maximum expected production rate at which the mobile crushing plant and portable screening plant will be operated. All tests may be monitored by the Department of Health.

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

4. Deviations

Any deviations from these conditions, test methods, or procedures may be cause for rejection of the test results unless such deviations are approved by the Department of Health before the tests.

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

5. Performance Test Plan

At least **thirty (30) days prior** to conducting a source performance test, the permittee shall submit a written performance test plan to the Department of Health that includes date(s) of the test, 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; 40 CFR §60.8)¹

6. Performance Test Report

Within sixty (60) days after completion of each performance test, the permittee shall submit to the Department of Health the test report which shall include the operating conditions of the facility (e.g., water flow rate in gallons per minute for wet suppression, crusher closed size setting, etc.), the summarized test results, other pertinent support calculations, and field data for the mobile crushing plant and portable screening plant. The results shall be recorded and reported in accordance with 40 CFR Part 60 Appendix A and §60.8. The performance test report shall include the mobile crushing plant and portable screening plant operating rates (tons/hr) at the equipment settings, locations of where the visible emissions were read, visible emission readings, location of water sprays, and normal operating water flow rate in gallons per minute for the water spray system(s) during

the test. The normal operating flow rate for the water spray system(s) shall be determined by the water flow rate used during the source performance test that demonstrates compliance with the opacity limits of this permit.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90, §11-60.1-161, 40 CFR §60.675)¹

7. Performance Test Waiver

Upon written request and justification, the Department of Health may waive the requirement for, or a portion of, a specific annual source performance 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, documentation of continuing compliance, and further that operations of the source have not changed since the previous performance test.

(Auth.: HAR §11-60.1-3, §11-60.1-90)

Section G. Change of Location Requirements

1. The permittee shall complete and submit information regarding all location changes to the Department of Health for approval at least thirty **(30) days**, or such lesser time as designated and approved by the Department of Health, prior to the change in location. The information submitted shall include the following:
 - a. Name, address, and phone number of the facility and the plant site manager or other contact;
 - b. Temporary covered source permit number and expiration date;
 - c. Identification of current location;
 - d. Location map of the proposed new temporary location containing the following information:
 - i. Identification of the property/fence lines;
 - ii. Location of all structures within 325 meters of the equipment. Provide the building dimensions (height, length, and width) of all structures that have heights greater than 40% of the stack height of the equipment; and
 - iii. List of the equipment, equipment numbers, and plant configuration.
 - e. Area map showing the equipment and the new proposed location;
 - f. Projected dates of operation at the new location;
 - g. Identification of any other air pollution sources at the new location;
 - h. Certification that no modification will be made to the equipment and methods of operation will remain similar as permitted under this temporary covered source permit

at the new location; and

- i. Any additional information as requested by the Department of Health including an ambient air quality impact assessment of the facility at the new location.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-90, §11-60.1-91)

2. The applicable filing fee shall be submitted to the Department of Health with each change in location request.

(Auth.: HAR §11-60.1-3, §11-60.1-91)

3. Prior to any relocation, the Department of Health shall approve, conditionally approve, or deny in writing each location change. If the Department of Health denies a location change, the applicant may appeal the decision pursuant to HRS, Chapter 91.

(Auth.: HAR §11-60.1-3, §11-60.1-91)

4. At each of the authorized locations, the permittee shall operate in accordance with this temporary covered source permit and all applicable requirements.

(Auth.: HAR §11-60.1-3, §11-60.1-91)

5. All the information required in this section shall be submitted to the Department of Health using the attached form, "*Change of Location Request for a Temporary Source*" along with the area maps showing the equipment and the new proposed location.

(Auth.: HAR §11-60.1-3, §11-60.1-91)

Section H. Agency Notification

1. Any document (including reports) required to be submitted by the temporary 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)

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 III: ANNUAL FEE REQUIREMENTS
TEMPORARY COVERED SOURCE PERMIT NO. 0536-01-CT**

[Issuance Date]

[Expiration Date]

The following requirements for the submittal of annual fees are established pursuant to HAR, Title 11, Chapter 60.1, Air Pollution Control. Should HAR, Chapter 60.1 be revised such that 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 temporary covered source.
2. The annual fees shall be determined and submitted in accordance with HAR, 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
TEMPORARY COVERED SOURCE PERMIT NO. 0536-01-CT**

[Issuance Date]

[Expiration Date]

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

1. Complete the attached **Annual Emissions Report Form: Mobile Crushing Plant, Annual Emissions Report Form: Portable Screening Plant** and **Annual Emissions/Monitoring Report Form: Diesel Engine Fuel Consumption**.
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.

ATTACHMENT V: COMPLIANCE CERTIFICATION
TEMPORARY COVERED SOURCE PERMIT NO. 0536-01-CT
(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: _____

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** applicable requirement and/or 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 applicable requirement(s), and/or 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 applicable requirement(s) and/or permit term(s) or condition(s)?

YES NO

b. If YES, was compliance continuous or intermittent?

Continuous Intermittent

**ATTACHMENT V: COMPLIANCE CERTIFICATION
TEMPORARY COVERED SOURCE PERMIT NO. 0536-01-CT
(CONTINUED, PAGE 2 OF 2)**

[Issuance Date]

[Expiration Date]

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

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:

PROPOSED

**ANNUAL EMISSIONS REPORT FORM
MOBILE CRUSHING PLANT
TEMPORARY COVERED SOURCE PERMIT NO. 0536-01-CT**

[Issuance Date]

[Expiration Date]

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

(Make Copies for Additional Use)

For Reporting Period: _____ Date: _____

Company Name: R.H.S. Lee, Inc.

Facility Name: _____

Equipment Location: _____

Equipment Description: 385 TPH Parker Mobile Crushing Plant , serial no. 11715

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

Responsible Official (PRINT): _____

TITLE: _____

Responsible Official (Signature): _____

1. Report the following for the reporting period:

Operation	Material Processed (TPY)	Pollution Control Measures	Control Efficiency (% Reduction)
Jaw Crushing			
*Conveyor Transfer Points	-----		
*Active Stock Piles	-----		

* Emissions based on Ton/yr material processed by the jaw crushing plant.

NOTE: Control measures include water sprays, partial enclosures, screens, housing and duct work to baghouses.

Use the following Control Efficiencies, unless documentation is available to show otherwise:

1. Baghouses: 99%
2. Water sprays, Damp Material, or Shroud: 70%
3. Wet Slurry: 100%

Efficiency factors may be reduced by the Department of Health, if there are any indications that a source's air pollution control device is not operating at the specified efficiency.

PROPOSED

**ANNUAL EMISSIONS REPORT FORM
PORTABLE SCREENING PLANT
TEMPORARY COVERED SOURCE PERMIT NO. 0536-01-CT**

[Issuance Date]

[Expiration Date]

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

(Make Copies for Additional Use)

For Reporting Period: _____ Date: _____

Company Name: R.H.S. Lee, Inc.

Facility Name: _____

Equipment Location: _____

Equipment Description: 500 TPH Powerscreen of America, Commander Powerscreen,
serial no. 5102620

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

Responsible Official (PRINT): _____

TITLE: _____

Responsible Official (Signature): _____

1. Report the following for the reporting period:

Operation	Material Processed (cubic yards/yr)	Material Processed (tons/yr)	Pollution Control Measures	Control Efficiency (% Reduction)
Screen Plant Hopper Loading				
*Active Stock Piles	-----			

NOTE: Control measures include water sprays, partial enclosures, screens, housing and duct work to baghouses.

Use the following Control Efficiencies, unless documentation is available to show otherwise:

1. Baghouses: 99%
2. Water sprays, Damp Material, or Shroud: 70%
3. Wet Slurry: 100%

Efficiency factors may be reduced by the Department of Health, if there are any indications that a source's air pollution control device is not operating at the specified efficiency.

PROPOSED

**ANNUAL EMISSIONS/MONITORING REPORT FORM
DIESEL ENGINE FUEL CONSUMPTION
TEMPORARY COVERED SOURCE PERMIT NO. 0536-01-CT**

[Issuance Date]

[Expiration Date]

In accordance with the HAR, Title 11, Chapter 60.1, Air Pollution Control, the permittee shall report to the Department of Health the following information semi-annually:

(Make Copies for Additional Use)

For Reporting Period: _____ Date: _____

Company Name: R.H.S. Lee, Inc.

Facility Name: _____

Equipment Location: _____

Equipment Description: 250 hp Caterpillar diesel engine, serial no. 64Z31408

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. Identify the following for each reporting period for the diesel engine generator:

Unit Serial No.	Type of Fuel Fired	Maximum Weight % Sulfur	Fuel Consumed First Semi-annual Period (gallons)	Fuel Consumed Second Semi-annual Period (gallons)	Total Yearly Fuel Consumed (gallons)
64Z31408					

PROPOSED

MONITORING REPORT FORM	
OPERATING HOURS MOBILE CRUSHING PLANT/DIESEL ENGINE	
TEMPORARY COVERED SOURCE PERMIT NO. 0536-01-CT	
[Issuance Date]	[Expiration Date]
In accordance with the HAR, Title 11, Chapter 60.1, Air Pollution Control, the permittee shall report to the Department of Health the following information semi-annually:	

(Make Copies for Additional Use)

For Period: _____ Date: _____

Company Name: R.H.S. Lee, Inc.

Facility Name: _____

Equipment Location: _____

Equipment Description: 385 TPH Parker Mobile Crushing Plant , serial no. 11715

250 hp Caterpillar diesel engine, serial no. 64Z31408

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. Hours of Operation for the Reporting Period.

Month	Monthly Operating Hours Mobile Crushing Plant/Diesel Engine	Total Operating Hours (12-Month Rolling Basis) Mobile Crushing Plant/Diesel Engine
January		
February		
March		
April		
May		
June		
July		
August		
September		
October		
November		
December		

PROPOSED

**MONITORING REPORT FORM
OPERATING HOURS PORTABLE SCREENING PLANT
TEMPORARY COVERED SOURCE PERMIT NO. 0536-01-CT**

[Issuance Date]

[Expiration Date]

In accordance with the HAR, Title 11, Chapter 60.1, Air Pollution Control, the permittee shall report to the Department of Health the following information semi-annually:

(Make Copies for Additional Use)

For Period: _____ Date: _____

Company Name: R.H.S. Lee, Inc.

Facility Name: _____

Equipment Location: _____

Equipment Description: 250 hp Caterpillar diesel engine, serial no. 64Z31408

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. Hours of Operation for the Reporting Period.

Month	Monthly Operating Hours Mobile Crushing Plant/Diesel Engine	Total Operating Hours (12-Month Rolling Basis) Mobile Crushing Plant/Diesel Engine
January		
February		
March		
April		
May		
June		
July		
August		
September		
October		
November		
December		

PROPOSED

VISIBLE EMISSIONS OBSERVATION REQUIREMENTS STATE OF HAWAII

The following visible emissions form shall be completed **monthly** (*each calendar month*) for the mobile crushing plant, diesel engine, and portable screening plant in accordance with Method 9 or by use of a Ringelmann Chart as provided. At least **annually** (*calendar year*), visible emissions (V.E.) observations shall be conducted for each emissions point subject to opacity limits by a certified reader. The visible emissions form shall be completed as follows:

1. V.E. observations shall take place during the day only and shall be compared to the Ringelmann Chart provided. The opacity shall be noted in 5 percent increments (i.e., 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(s).
4. Stand at least fifteen (15) feet, but not more than a quarter mile from the fugitive emission point(s).
5. Two (2) consecutive six (6) minute observations shall be taken at fifteen (15) second intervals for each fugitive emission point and stack.
6. The six (6) minute average opacity reading shall be calculated for each observation.
7. If possible, the observations shall be performed as follows:
 - a. Read from where the line of sight is at right angles to the wind direction.
 - b. The line of sight shall not include more than one (1) plume at a time.
 - c. Read at the point in the plume with the greatest opacity (e.g., for stacks, at the location 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 plant/equipment shall be operating at maximum permitted or expected capacity.
8. If the plant/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 (5) years, and made available to the Department of Health, or their representative upon request.

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

PROPOSED

VISIBLE EMISSIONS FORM STATE OF HAWAII

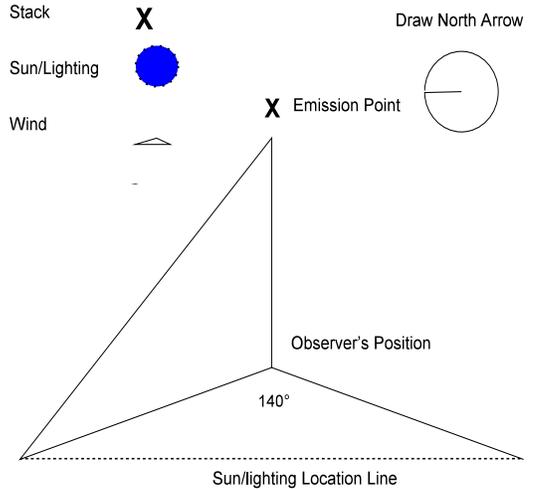
(Make copies for additional use for each equipment)

Permit No.: 0536-01-CT

Company Name: R.H.S. Lee, Inc.

Site Conditions:

Stack/transfer-point height above ground (ft): _____
 Stack/transfer-point distance from observer (ft): _____
 Emission color (black or white): _____
 Sky conditions (% cloud cover): _____
 Lighting (brightness artificial light/brightness ambient light): _____
 Wind speed (mph): _____
 Temperature (°F): _____
 Observer name: _____
 Certified? (Yes/No): _____
 Crusher Production (TPH): _____
 Diesel Engine Fuel Type: _____



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 (%):					

PROPOSED

**CHANGE OF LOCATION REQUEST
FOR A TEMPORARY SOURCE
TEMPORARY COVERED SOURCE PERMIT NO. 0536-01-CT
(PAGE 1 OF 2)**

[Issuance Date]

[Expiration Date]

In accordance with the HAR, Title 11, Chapter 60.1, Air Pollution Control, the permittee shall provide the following information to the Department of Health:

(Make Copies for Additional Use)

1. The permittee shall complete this change of location request form regarding all succeeding location changes and shall submit this form to the Department of Health for approval at least thirty (30) days, or such lesser time as designated and approved by the Department of Health, prior to the change in location.
2. The permittee shall submit a location map of the new temporary location containing the following information:
 - a. Identification of the property/fence lines.
 - b. Location of all structures within 325 meters of the equipment. Provide the building dimensions (height, length, and width) of all structures that have heights greater than 40% of the stack height of the equipment.
3. The permittee shall submit a filing fee with each change in location request. The filing fee shall be made payable to the **Clean Air Special Fund-COV** and are as follows:

Noncovered Sources	Covered Sources:
____ \$50.00 for Non-Air Toxic	<u> X </u> \$100.00 for Non-Air Toxic
____ \$100.00 for Air Toxic	____ \$300.00 for Air Toxic
4. The permittee shall submit any additional information as requested by the Department of Health.
5. This notification form 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**

(808) 586-4200

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1. Prior to any relocation, the Department of Health shall approve, conditionally approve, or deny in writing each location change. If the Department of Health denies a location change, the applicant may appeal the decision pursuant to HRS, Chapter 91.
 2. At each new authorized location, the permittee shall operate in accordance with the current temporary noncovered/covered source permit and all applicable requirements.

CHANGE OF LOCATION REQUEST
FOR A TEMPORARY SOURCE
TEMPORARY COVERED SOURCE PERMIT NO. 0536-01-CT
(CONTINUED, PAGE 2 OF 2)

[Issuance Date]

[Expiration Date]

In accordance with the HAR, Title 11, Chapter 60.1, Air Pollution Control, the permittee shall provide the following information to the Department of Health:

1. Company Name: _____
2. Facility Name (if different from the Company): _____
3. Mailing Address: _____
 City: _____ State: _____ Zip Code: _____
 Phone Number: _____
4. Name of Owner/Owner's Agent: _____
 Title: _____ Phone: _____
5. Equipment Description: _____
6. Current Equipment Location: _____
7. **New Equipment Location:** _____
 - a. Plant site manager or other contact, if different than current contact:

 - b. Phone Number: _____
 - c. Proposed start date at *New Location*: _____
 - d. Estimated project duration: _____
8. Brief description of the work to be performed. Also identify other air pollution sources owned and operated by the permittee at the new location, if any:

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. 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. I further state that no modifications will be made to the equipment and operational methods will remain similar as permitted under the current temporary covered source permit at this new location.

Responsible Official (Print name): _____ Date: _____

Title of Responsible Official: _____

Responsible Official (Signature): _____