

**CERTIFIED MAIL**  
**RETURN RECEIPT REQUESTED**

07-xxxE CAB  
File No. 0040-14

( )

[Amended Date]

Mr. Norman Shinno  
Plant Manager  
Maui Paving, LLC.  
P.O. Box 330838  
Kahului, Hawaii 96733

Dear Mr. Shinno:

**Subject: Amendment of Temporary Covered Source Permit (CSP) No. 0040-01-CT  
Minor Modification Application No. 0040-14  
Maui Paving, LLC.  
186 tph Hot Drum Mix Asphalt Concrete Plant  
Located at: Camp 10, Ameron Quarry, Puunene, Maui  
Date of Expiration: May 29, 2012**

In accordance with Hawaii Administrative Rules, Chapter 11-60.1, and pursuant to your application for a Minor Modification dated August 13, 2007 and additional information dated December 14, 2007, the Department of Health hereby amends Temporary Covered Source Permit (CSP) No. 0040-01-CT issued to Maui Paving, LLC. on May 30, 2007. The amendment replaces the existing 725 kW diesel engine generator with an EPA Tier 2 certified 725 kW diesel engine generator.

The following amended permit conditions supersede the corresponding permit conditions of CSP No. 0040-01-CT issued on May 30, 2007:

1. Attachment II, Special Condition No. A.1.d.

One (1) 725 kW Cummins diesel engine generator [DEG] (model no. QST30-G5 NR2);

2. Attachment II, Special Condition No. B.2.

The diesel engine generator 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 IIII, Standards of Performance for Stationary Compression Ignition Internal Combustion Engines.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161, 40 CFR §60.4200)<sup>1</sup>

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3. Attachment II, Special Condition No. B.3.

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

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

4. Attachment II, Special Condition No. C.3.b.

Fuel Limit

- i. Beginning October 1, 2007 and up through September 30, 2010, the diesel engine generator shall be fired only on diesel no. 2 with:
  - 1) A maximum sulfur content of 0.05% by weight, and
  - 2) A cetane index or aromatic content as follows:
    - a) Minimum cetane index of 40; or
    - b) Maximum aromatic content of 35 volume percent.
  
- ii. Beginning October 1, 2010, the diesel engine generator shall be fired only on diesel no. 2 with:
  - 1) A maximum sulfur content of 0.0015% by weight; and
  - 2) A maximum cetane index or aromatic content as follows:
    - a) Minimum cetane index of 40; or
    - b) Maximum aromatic content of 35 volume percent.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161, 40 CFR §60.4207)<sup>1</sup>

5. Attachment II, Special Condition No. E.1.

Total Fuel Usage and Specifications

The permittee shall keep receipts of fuel deliveries identifying the delivery dates, fuel type, sulfur content (percent by weight), cetane index or aromatic content (volume percent), and amount (gallons) of fuel received. Fuel sulfur content, cetane index, and aromatic content may be demonstrated by providing the supplier's fuel specification sheet for the type of fuel purchased and received. Individual records on the total amount (gallons) of fuel fired in the drum dryer, DEG, and hot oil heater shall be maintained on an annual basis for the purpose of annual emissions reporting.

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

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6. Attachment II, Special Condition No. F.1.

Notification and reporting pertaining to the following events shall be done in accordance with Attachment I, Standard Condition Nos. 14, 16, 17, and 24, respectively:

- a. *Anticipated date of initial startup, actual date of construction commencement, and actual date of startup of the 725 kW diesel engine generator;*
- b. *Intent to shutdown air pollution control equipment for necessary scheduled maintenance;*
- c. *Emissions of air pollutants in violation of HAR, Chapter 11-60.1 or this permit (excluding technology-based emission exceedances due to emergencies); and*
- d. *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 §11-60.1-10, §11-60.1-16)<sup>2</sup>

7. Attachment II, Special Condition No. F.6.

The permittee shall submit to the Department of Health within **thirty (30) days** of initial startup, the serial number of the 725 kW diesel engine generator.

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

8. A revised *Monitoring Report Form: Fuel Certification* is attached.

All other permit conditions of CSP No. 0040-01-CT issued on May 30, 2007 shall not be affected and shall remain valid.

A receipt for the application filing fee of \$100.00 is enclosed.

If there are any questions regarding these matters, please contact Mr. Darin Lum of the Clean Air Branch at (808) 586-4200.

Sincerely,

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

DL:se

Enclosures

c: Blake Shiigi, EHS-Maui  
CAB Monitoring Section

**PROPOSED**

**MONITORING REPORT FORM  
FUEL CERTIFICATION  
TEMPORARY COVERED SOURCE PERMIT NO. 0040-01-CT**

**[Amended Date]**

**Expiration Date: May 29, 2012**

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

Make Copies for Future Use)

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

Facility Name: \_\_\_\_\_

Equipment Location: \_\_\_\_\_

Equipment Description: \_\_\_\_\_

Equipment Capacity/Rating (specify units): \_\_\_\_\_  
(Units such as horsepower, kilowatt, tons/hour, etc.)

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 the Department of Health as public record.**

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

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

Responsible Official (Signature): \_\_\_\_\_

<b>EQUIPMENT</b>	<b>TYPE OF FUEL FIRED</b>	<b>MAXIMUM SULFUR CONTENT (% BY WEIGHT)</b>	<b>MINIMUM CETANE INDEX</b>	<b>MAXIMUM AROMATIC CONTENT (VOLUME %)</b>
725 kW Diesel Engine Generator				