NEBRASKA DEPARTMENT OF ENVIRONMENTAL QUALITY



Air Quality Division

# **COMPLIANCE STATUS NOTIFICATION FORM**

**Applicable Rule:** *40 CFR Part 63, Subpart ZZZZ -* National Emission Standards for Hazardous Air Pollutants (NESHAP) for Stationary Reciprocating Internal Combustion Engines (RICE) - Promulgated 6/15/04, 1/18/08, 3/3/10, 8/20/10, & 1/30/13

Company Name:       Facility ID#:

Owner/Operator/Title:

Mailing Address:

City:       Zip:

Plant Address (if different than owner/operator’s mailing address):

Street:

City:       Zip:

Plant Phone Number:

Plant Contact/Title:

**This form must be completed, signed and submitted to the following agencies:**

# NDEQ Air Quality Division **and** Region VII EPA – Air & Waste Management

# 1200 ‘N’ St. Atrium, Suite 400 11201 Renner Blvd

Lincoln, NE 68509-8922 Lenexa, KS 66219

If your facility is located in Omaha or Lancaster County, you must submit a notification to the appropriate local air pollution control agency and Region VII EPA.

**Provide the following information for the applicable stationary engine(s). Add additional tables or rows as needed.**

| Unit # | New or Existing[[1]](#footnote-1) | Site Rating Brake Horsepower | Displacement (liters/cylinder) | Fuel(s) Combusted | Compression Ignition[[2]](#footnote-2) | Spark Ignition | Compliance Date1 |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  | YES  NO | 4-Stroke  2-Stroke  Lean Burn  Rich Burn |  |
|  |  |  |  |  | YES  NO | 4-Stroke  2-Stroke  Lean Burn  Rich Burn |  |
|  |  |  |  |  | YES  NO | 4-Stroke  2-Stroke  Lean Burn  Rich Burn |  |
|  |  |  |  |  | YES  NO | 4-Stroke  2-Stroke  Lean Burn  Rich Burn |  |
|  |  |  |  |  | YES  NO | 4-Stroke  2-Stroke  Lean Burn  Rich Burn |  |
|  |  |  |  |  | YES  NO | 4-Stroke  2-Stroke  Lean Burn  Rich Burn |  |

**Compliance Information**

**Describe the methods used to determine compliance with 40 CFR Part 63, Subpart ZZZZ as required by §**[**63.6645**](http://www.ecfr.gov/cgi-bin/retrieveECFR?gp=&SID=1a39213df70ec68e43844686692b9d47&r=SUBPART&n=40y14.0.1.1.1.1#40:14.0.1.1.1.1.115.20)**. Include control equipment used, testing conducted, and monitoring methods.**

Controls

Describe the air pollution control equipment for each emission point, including control devices and control efficiency, for each hazardous air pollutant.

| Unit # | Unit Location | Equipment Type | Control Device | Control Efficiency % | HAP Controlled |
| --- | --- | --- | --- | --- | --- |
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Test Results

Provide the results of performance tests conducted. Attach all test reports to this notification.

| Unit # | Unit Location | Test Date | Pollutant | % Pollutant Reduction | Pollutant Concentration | Control Equipment Operating Parameter(s) Recorded | Control Equipment Operating Parameter(s) Reading |
| --- | --- | --- | --- | --- | --- | --- | --- |
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Continuous Compliance

Describe the methods you are using to determine continuous compliance, including a description of monitoring and reporting requirements and test methods.

**Source Classification - Check the box that applies:**

Facility is a major source of hazardous air pollutants (HAPs).\*

Facility is an area source of HAPs.\*

***\*Note:*** *A major source is a facility that has a potential to emit greater than 10 tons per year of any single HAP or 25 tons per year of all HAPs combined. All other sources are area sources. The major/area source determination is based on all HAP emission points inside the facility fence line.*

**Print or type the name and title of the Responsible Official for the facility:**

### Name:       Title:

A Responsible Official can be:

* The president, vice president, secretary, or treasurer of the company that owns the plant;
* An owner of the plant;
* A plant engineer or supervisor of the plant;
* A government official, if the plant is owned by the Federal, State, City, or County government; or
* A ranking military officer, if the plant is located at a military base.

Based upon information and belief formed after a reasonable inquiry, I, as a responsible official of the above-mentioned facility, certify the information contained in this report is accurate and true to the best of my knowledge. The above-mentioned facility       (has/has not) complied with the relevant standard or and other applicable requirements referenced in the relevant standard.

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

***(Signature of Responsible Official) (Date)***

**NESHAP Subpart ZZZZ Compliance Status Notification Form Information**

**Who needs to complete and submit the “Compliance Status Notification Form”?**

1. Major sources of HAP with any of the following stationary engines:
   1. Existing RICE ≤ 500 HP;
   2. Any RICE > 500 HP; or
   3. New or reconstructed 4SLB RICE ≥ 250 HP.
2. Area sources of HAP with any of the following stationary engines:
   1. Existing RICE.

**Who does not need to complete and submit this form?**

1. The following engines are not subject to the compliance status notification requirements:
   1. Existing RICE < 100 HP;
   2. Existing emergency[[3]](#footnote-3) RICE;
   3. Existing RICE that are not subject to any numerical emission standards;
   4. New or reconstructed engines subject to the New Source Performance Standards under 40 CFR Part 60; and
   5. Sources not subject to the requirements of NESHAP Subpart ZZZZ (see below).

**How do I know if my engine is classified as existing or new?**

1. Your engine is considered **existing** under NESHAP Subpart ZZZZ if it is:
   1. > 500 HP at a major source of HAP and installed or built on-sitebefore Dec 19, 2002; or
   2. ≤ 500 HP at a major source of HAP and installed or built on-sitebefore June 12, 2006; or
   3. At an area source of HAP and installed or built on-site before June 12, 2006.
2. Your engine is considered **new** if it was installed, built on-site, or reconstructed on or after the above dates. A change in ownership of an existing engine does not reclassify the engine as new.

**When do I have to comply with Subpart ZZZZ?**

1. Major Sources of HAPs
   1. Existing RICE
      1. ≤ 500 HP
         1. CI RICE = May 3, 2013
         2. SI RICE = Oct 19, 2013
            1. 500 HP
         3. All RICE except non-emergency CI RICE = June 15, 2007
         4. Non-emergency CI RICE = May 3, 2013
   2. New or Reconstructed RICE
      1. ≤ 500 HP
         1. Startup before Jan 18, 2008 = Jan 18, 2008
         2. Startup on or after Jan 18, 2008 = Upon startup
            1. 500 HP
         3. Startup before Aug 16, 2004 = Aug 16, 2004
         4. Startup on or after Aug 16, 2004 = Upon startup
2. Area Sources of HAPs
   1. Existing RICE
      1. CI RICE = May 3, 2013
      2. SI RICE = Oct 19, 2013
   2. New or Reconstructed RICE
      1. Startup before Jan 18, 2008 = Jan 18, 2008
      2. Startup on or after Jan 18, 2008 = Upon startup

**When do I have to submit the Compliance Status Notification Form?**

You must submit the Compliance Status Notification Form by the following deadlines:

1. Within 60 days of the performance test for each engine; or
2. Within 30 days of the initial compliance demonstration if no test is required.

Sources subject to only the work practice requirements are not required to submit this form.

**Who is not subject to the requirements in Subpart ZZZZ?**

1. The following engines have **no emission requirements** under NESHAP Subpart ZZZZ:
   1. Existing engines > 500 HP at Major Sources of HAP that are:
      1. Limited Use (i.e., operates less than 100 hours/year);
      2. Emergency;
      3. Spark Ignition 2SLB or 4SLB; or
      4. Landfill/digester gas (i.e., engines that combust landfill gas or digester gas equal to 10% or more of the gross heat input of the engine on an annual basis
2. The following engines are **not subject** to NESHAP Subpart ZZZZ:
   1. Existing residential, commercial, or institutional emergency RICE at Area Sources of HAP that are used ≤ 15 hours/year for emergency demand response, provided they are not also used for local reliability (i.e., voltage deviation response).

**Where can I find more information about the requirements for Subpart ZZZZ?**

More information and guidance for NESHAP Subpart ZZZZ can be found on the NDEQ Air Toxics Notebook at <http://deq.ne.gov/AirToxic.nsf/pages/ZZZZ>. If you have any questions or require further assistance, please contact the Air Toxics Coordinator at (402) 471-2189 or [NDEQ.AirQuality@nebraska.gov](mailto:NDEQ.AirQuality@nebraska.gov).

1. See Pages 4 and 5 for more information. [↑](#footnote-ref-1)
2. Dual-fuel engines that burn 2% or more liquid fuel on an annual average energy equivalent basis are considered compression ignition engines. [↑](#footnote-ref-2)
3. An emergency engine’s operation is limited to emergency situations and required testing and maintenance. See the rule definition at §[63.6675](http://www.ecfr.gov/cgi-bin/retrieveECFR?gp=&SID=1a39213df70ec68e43844686692b9d47&r=SUBPART&n=40y14.0.1.1.1.1#40:14.0.1.1.1.1.116.26) for more information. [↑](#footnote-ref-3)