



NEBRASKA DEPARTMENT OF ENVIRONMENTAL QUALITY  
Air Quality Division

**INITIAL 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  
1200 'N' St. Atrium, Suite 400  
Lincoln, NE 68509-8922

**and**

Region VII EPA – Air & Waste Management  
11201 Renner Blvd  
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 <sup>1</sup>	Site Rating Brake Horsepower	Displacement (liters/cylinder)	Fuel(s) Combusted	Compression Ignition <sup>2</sup>	Spark Ignition	Emergency Use Only	Limited Use Only <sup>3</sup>
					<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> 4-Stroke <input type="checkbox"/> 2-Stroke <input type="checkbox"/> Lean Burn <input type="checkbox"/> Rich Burn	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO
					<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> 4-Stroke <input type="checkbox"/> 2-Stroke <input type="checkbox"/> Lean Burn <input type="checkbox"/> Rich Burn	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO

<sup>1</sup>See Pages 3 and 4 to determine if your engine is new or existing.

<sup>2</sup>Dual-fuel engines that burn 2% or more liquid fuel on an annual average energy equivalent basis are considered compression ignition engines.

<sup>3</sup>Engines are considered limited use if they operate less than 100 hours per year.

Unit #	New or Existing <sup>1</sup>	Site Rating Brake Horsepower	Displacement (liters/cylinder)	Fuel(s) Combusted	Compression Ignition <sup>2</sup>	Spark Ignition	Emergency Use Only	Limited Use Only <sup>3</sup>
					<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> 4-Stroke <input type="checkbox"/> 2-Stroke <input type="checkbox"/> Lean Burn <input type="checkbox"/> Rich Burn	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO
					<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> 4-Stroke <input type="checkbox"/> 2-Stroke <input type="checkbox"/> Lean Burn <input type="checkbox"/> Rich Burn	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO
					<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> 4-Stroke <input type="checkbox"/> 2-Stroke <input type="checkbox"/> Lean Burn <input type="checkbox"/> Rich Burn	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO
					<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> 4-Stroke <input type="checkbox"/> 2-Stroke <input type="checkbox"/> Lean Burn <input type="checkbox"/> Rich Burn	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO

**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.*

Is the engine(s) a new/reconstructed emergency or limited use engine and > 500 horsepower located at a major source of HAP ?  Yes  No

*If YES, the engine(s) does not have any additional requirements under Subpart ZZZZ, but you must meet the requirements of 40 CFR Part 60 New Source Performance Standards Subpart IIII for Compression Ignition Engines or Subpart JJJJ for Spark Ignition Engines .*

**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.

**I CERTIFY THAT INFORMATION CONTAINED IN THIS REPORT IS ACCURATE AND TRUE TO THE BEST OF MY KNOWLEDGE.**

\_\_\_\_\_  
(Signature of Responsible Official)

\_\_\_\_\_  
(Date)

## Subpart ZZZZ Initial Notification Form Information

### Who needs to complete and submit this form?

1. Major sources of HAP with any of the following stationary engines:
  - a. Existing RICE  $\leq$  500 HP;
  - b. Any RICE  $>$  500 HP; or
  - c. New or reconstructed 4SLB RICE  $\geq$  250 HP.
2. Area sources of HAP with any of the following stationary engines:
  - a. Existing RICE.

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

The following stationary engines are not subject to the initial notification requirements:

1. Existing RICE  $<$  100 HP;
2. Existing emergency<sup>4</sup> 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).

### Is my engine classified as existing or new?

1. Your engine is considered **existing** under NESHAP Subpart ZZZZ if it is:
  - a.  $>$  500 HP at a major source of HAP and installed or built on-site before Dec 19, 2002; or
  - b.  $\leq$  500 HP at a major source of HAP and installed or built on-site before June 12, 2006; or
  - c. 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 need to submit my initial notification?

You must submit your initial notification by the applicable date shown below.

1. Major Sources of HAPs
  - a. RICE startup before Aug 16, 2004
    - i.  $\leq$  500 HP = July 16, 2008
    - ii.  $>$  500 HP = Dec 13, 2004
  - b. RICE startup on or after Aug 16, 2004
    - i. Existing RICE = Aug 31, 2010
    - ii. New or Reconstructed RICE = July 30, 2013 or within 120 days of becoming subject, whichever is later.
2. Area Sources of HAPs
  - a. Aug 31, 2010 or within 120 days of becoming subject, whichever is later.

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<sup>4</sup> An emergency engine's operation is limited to emergency situations and required testing and maintenance. See the rule definition at 40 CFR [63.6675](#) for more information.

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

You must comply with applicable emission limitations, operating limits, and other requirements by the applicable dates shown below.

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

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

1. The following engines have **no emission requirements** under NESHAP Subpart ZZZZ:
  - a. Existing engines  $>$  500 HP at Major Sources of HAP that are:
    - i. Limited Use (i.e., operates less than 100 hours/year);
    - ii. Emergency;
    - iii. Spark Ignition 2SLB or 4SLB; or
    - iv. 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:
  - a. Existing residential, commercial, or institutional emergency RICE at Area Sources of HAP that are used  $\leq$  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).