



Lincoln-Lancaster County  
Health Department

## Lincoln-Lancaster County Health Department Air Quality Program 40 CFR Part 63 Subpart ZZZZ – Notification of Compliance Status

### What is the purpose of this rule?

- The United States Environmental Protection agency (US EPA) issued [40 CFR Part 63, Subpart ZZZZ \(National Emission Standards for Hazardous Air Pollutants for Source Category: Stationary Reciprocating Internal Combustion Engines\)](#) to establish emission limitations and operating limitations to reduce/control hazardous air pollutants (HAP) emitted from stationary reciprocating internal combustion engines (RICE) located at major and area sources of HAP emissions. An *area source* is a facility with total potential to emit less than 10 tons of any individual HAP, and less than 25 tons of total combined HAPs. A *major source* is a facility with the total potential to emit either 10 tons or more of any individual HAP, or 25 tons or more of total combined HAPs.

### Who is subject to this rule?

- You are subject to this rule if you own or operate a stationary RICE at a major or area source of HAP emissions, except if the stationary RICE is being tested at a stationary RICE test cell/stand.

### Are any engines not covered by this rule?

- The following engines are not subject to regulation under this rule:
  - Engines being tested at a stationary RICE test cell/stand.
  - Non-road engines as defined at 40 CFR §1068.30.
  - Engines used to propel a motor vehicle or a vehicle used solely for competitions.
  - Existing residential, commercial, and institutional emergency RICE at *area sources* used  $\leq$  15 hours/year for emergency demand response, provided they are not also used for local reliability.

### What is the purpose of this form, and who needs to submit it?

- The purpose of this form is to notify the Lincoln-Lancaster County Health Department (LLCHD) and the US EPA that your facility is subject to the requirements of this rule, and to provide those agencies with needed information.
- You **must** complete and submit this form to both the LLCHD and US EPA if you own/operate any of the following:
  - An existing stationary RICE located at an *area source* of HAPs.
  - An existing stationary RICE less than or equal to 500 horsepower located at a *major source* of HAPs.
  - Any (new, existing, or reconstructed) stationary RICE greater 500 horsepower located at a *major source* of HAPs.
  - New or reconstructed stationary 'four-stroke lean burn' RICE greater than or equal to 250 horsepower located at a *major source* of HAPs.
- **You do not need to submit this form if your engine is new or reconstructed pursuant to 40 CFR Part 60 Subpart IIII or Subpart JJJJ.**
- This document **must** be signed and certified by an individual who meets the definition of a 'Responsible Official' set forth in [Article 2, Section 1 of the Lincoln-Lancaster County Air Pollution Control Program Regulations and Standards](#).

### How do I determine if my engine is 'existing' or 'new'?

- Your engine is **existing** if it is:
  - $>$  500 HP at a major source of HAP and installed or built on-site before Dec 19, 2002; or
  - $\leq$  500 HP at a major source of HAP and installed or built on-site before June 12, 2006; or
  - At an area source of HAP and installed or built on-site before June 12, 2006.
- Your engine is **new** if it is not 'existing' as described above. A change of ownership does not change this status.

### Where do I send the completed form?

- Send a copy of the signed and completed form to each of the following. Keep an additional copy for your records.

Lincoln-Lancaster County Health Department	US EPA Region 7
ATTN: Air Quality Program	ATTN: AWMD-APCO
3131 O Street	11201 Renner Blvd.
Lincoln, NE 68510	Lenexa, KS 66219

**If you have any questions about this rule, or need any help completing this form, please call the LLCHD Air Quality Program at (402) 441-8040.**



# Lincoln-Lancaster County Health Department

Environmental Public Health Division

Air Quality Program

3131 O Street  
Lincoln, Nebraska 68510

Phone: (402) 441-8040

Fax: (402) 441-3890

## Notification of Compliance Status for 40 CFR 63 Subpart ZZZZ – National Emission Standard for Hazardous Air Pollutants for Source Category: Stationary Reciprocating Internal Combustion Engines (RICE)

### Section 1: Facility Information

Please provide the following information:

LLCHD Air Quality Program Source Number (if known):	
Facility Name:	
Facility Address:	
Mailing Address (if different):	
City, State, ZIP:	
Facility NAICS:	

### Section 2: Contact Information

Please provide the following information:

Contact Person Name:	
Contact Person Title:	
Phone Number:	
E-Mail Address:	

### Section 3: Responsible Official Certification

*I am submitting this Notification of Compliance Status pursuant to 40 CFR 63 Subpart ZZZZ §63.6645(h). I certify the information contained in this notification to be accurate and true to the best of my knowledge.*

I hereby certify that all engines at my facility are in compliance with Subpart ZZZZ.

Responsible Official Name:	
Responsible Official Title:	
Phone Number:	
<p>_____ <i>(Signature of Responsible Official)</i></p>	<p>_____ <i>Date</i></p>

**Section 4: Compliance Certification**

Please indicate your source's classification:

This source is a 'major source' of hazardous air pollutants.

This source is an 'area source' of hazardous air pollutants.

1. Please indicate the compliance method/test method used to demonstrate compliance for each unit, and provide a description of the compliance demonstration results.

Unit #	Compliance or Test Method	Date of Compliance/ Performance Test	Compliance Demonstration Results

2. If you are using an add-on control device to demonstrate compliance with a numerical emission limit, please provide the following information for each applicable unit at your source.

Unit #	Unit Location	Engine Ignition Type	Control Device	Control Efficiency (%)	HAP Controlled

3. If you have conducted performance tests to demonstrate compliance with a pollutant removal efficiency requirement, or a numerical emission limit, provide the following information.

Unit #	Unit Location	Test Date	Pollutant	% Pollutant Reduction	Pollutant Concentration	Control Device Operating Parameter	Control Device Parameter Reading

4. Describe the method(s) you are using to demonstrate ongoing (continuous) compliance. Include a description of the monitoring requirements, reporting requirements, and test methods.


Additional information on this rule and the requirements can be found on the following pages.

## **Subpart ZZZZ Notification of Compliance Status Form – Additional 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 the initial notification form?

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

- (1) Existing RICE  $<$  100 HP;
- (2) Existing emergency 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 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
      - (a) CI RICE = May 3, 2013
      - (b) SI RICE = Oct 19, 2013
    - (ii)  $>$  500 HP
      - (a) All RICE except non-emergency CI RICE = June 15, 2007
      - (b) Non-emergency CI RICE = May 3, 2013
  - (b) New or Reconstructed RICE
    - (i)  $\leq$  500 HP
      - (a) Startup before Jan 18, 2008 = Jan 18, 2008
      - (b) Startup on or after Jan 18, 2008 = Upon startup
    - (ii)  $>$  500 HP
      - (a) Startup before Aug 16, 2004 = Aug 16, 2004
      - (b) 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 are subject to Subpart ZZZZ, but have **no emission requirements**:
  - (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 ≤ 15 hours/year for emergency demand response, provided they are not also used for local reliability (i.e., voltage deviation response).

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

- (1) You must submit the Compliance Status Notification Form by the following deadlines:
  - (a) Within 60 days of the performance test for each engine; or
  - (b) Within 30 days of the initial compliance demonstration if no test is required.
- (2) Sources subject to only the work practice requirements **are not required to submit this form**.