

Example Notification of Compliance Status (NOCS)

National Emission Standards for Hazardous Air Pollutants:

Stationary Reciprocating Internal Combustion Engines

40 CFR part 63, subpart ZZZZ

Note: This is an example of the type of information that must be submitted to fulfill the Notification of Compliance Status requirement of 40 CFR part 63, subpart ZZZZ. This Notification of Compliance Status is being made in accordance with 40 CFR §63.9(h). The information to be provided in the Notification of Compliance Status Report will vary depending on the engine type. Affected sources should refer to 40 CFR part 63, subpart ZZZZ for engine-specific compliance requirements. Kansas affected sources can find resources to help with compliance at <https://www.sbeap.org/aqrules/page/engines> or contact the Small Business Environmental Assistance Program (SBEAP) at sbeap@ksu.edu or 800-578-8898. Before submitting to EPA and KDHE, delete this box and any text in this example form that does not apply to your engine(s).

SECTION I: GENERAL INFORMATION

- A. If you have been issued a Title V (Kansas Class I) permit, do not complete this form. Submit your NOCS in accordance with your Title V permit. [§63.9(h)(3)]
- B. If you have not been issued a Title V (Kansas Class I) permit, complete the remaining portions of this section and also complete Sections II-IX. [§63.9(h)(2)(i)]
- C. Print or type the following information for each facility for which you are making notification of compliance status:

KDHE Source ID Number (IF AVAILABLE): Air Facility System (AFS)* ID Number (IF AVAILABLE):

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Responsible Official's Name/Title

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Street Address

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City

State

ZIP Code

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Facility Name (if different from Responsible Official's Name)

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Facility Street Address (If different than Responsible Official's Street Address)

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Facility Local Contact Name

Title

Phone (OPTIONAL)

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City

State

ZIP Code

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*Note: EPA is transitioning AFS ID numbers to Integrated Compliance Information System for Air (ICIS-Air) ID numbers.

- D. The standard (regulation) that is the basis for this notification is (e.g., 40 CFR 63._____):

The source's compliance date (mm/dd/yyyy) is: _____

SECTION II: CERTIFICATION (Note: you may edit this text as appropriate)

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.
 [§63.9(h)(2)(i)(G)]

Name of Responsible Official (Print or Type)	Title	Date (mm/dd/yyyy)
Signature of Responsible Official		

Note: Responsible official is defined under §63.2 and includes, in part, one of the following: a president, vice-president, secretary, or treasurer of the company that owns the plant; the owner of the plant; the plant engineer or supervisor; 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 on a military installation.

SECTION III: METHODS

Describe the methods you used to determine compliance. [§63.9(h)(2)(i)(A)]

Sample Response for existing non-emergency, non-black start stationary spark ignition (SI) 4-stroke rich burn (4SRB) engines above 500 horsepower (HP) and that operate more than 24 hours per calendar year, located at an area source. This RICE does not meet the definition of remote stationary RICE.

This facility installed non-selective catalytic reduction (NSCR) to reduce HAP emissions from its two (2) stationary existing 4SRB engines in order to comply with the requirements in Table 2d (#12) of 40 CFR part 63, subpart ZZZZ. A performance test was conducted on 10/19/2013 in accordance with the requirements in Table 4 (#3) of 40 CFR part 63, subpart ZZZZ. The average CO concentration was recorded during the initial compliance demonstration as required in Table 5 (#14) by 40 CFR 63.6630(e). This facility followed the startup requirements in 63.6625(h). The idle time during startup was limited to 30 minutes or less. This facility installed and operated a continuous parameter monitoring system (CPMS) to continuously measure the catalyst inlet temperature according to the requirements in 40 CFR 63.6625(b).

SECTION IV: RESULTS

Describe the results of any performance tests, opacity or visible emission observations, continuous monitoring system (CMS) performance evaluations, and/or other monitoring procedures or methods that were conducted. [§63.9(h)(2)(i)(B)] Facility can attach test reports and output results from a CEMS and/or CPMS to this notification.

Sample Response for existing non-emergency 4SRB stationary RICE >500 HP located at an area source of HAP that are not remote stationary RICE and that are operated more than 24 hours per calendar year.							
Results							
Source ID	Source Location	Test Date	CO Reduction	CO Concentration	Catalyst Inlet Temperature	Catalyst Pressure Drop	Startup Time
Engine A	Building 1	10/19/2013	82%	150 ppmvd at 15% O ₂	900°F	0.2 inches	8 min
Engine B	Building 1	10/19/2013	85%	160 ppmvd at 15% O ₂	1,100°F	0.15 inches	4 min

SECTION V: CONTINUOUS COMPLIANCE

Describe the methods you will use to determine continuous compliance, including a description of monitoring and reporting requirements and test methods. [§63.9(h)(2)(i)(C)]

Sample Response for existing non-emergency 4SRB stationary RICE >500 HP located at an area source of HAP that are not remote stationary RICE and that are operated more than 24 hours per calendar year.

This facility will determine continuous compliance with applicable requirements by continuing to use monitoring methods as identified in Section III and Section IV of this notification. In addition, the facility plans to do the following: (1) follow monitoring, installation, collection, operation, and maintenance requirements as specified in §63.6640; (2) conduct annual compliance demonstrations as specified in §63.6640(c); (3) record the necessary information as specified in §63.6655, and (4) submit the necessary notifications and reports, according to the requirements in §63.6645 and §63.6650.

SECTION VI: EMISSIONS

Describe the type and quantity of hazardous air pollutants (HAP) emitted by the source (or surrogate pollutants if specified in the relevant standard), reported in units and averaging times and in accordance with the test methods specified in the relevant standard. [§63.9(h)(2)(i)(D)]

Sample Response.

The following hazardous air pollutants (HAP) were emitted by affected sources at this facility during the period 10/19/2013 – 10/31/2013.

Source ID	Source Location	Source Description	HAP Emitted	HAP Emitted (tons)
Engine A	Building 1	Waukesha 4SRB 1,000 HP non-emergency engine	CO	0.008
Engine B	Building 1	Waukesha 4SRB 1,000 HP non-emergency engine	CO	0.008

SECTION VII: FACILITY DESIGNATION

If the relevant standard applies to both major and area sources, present an analysis demonstrating whether the affected source is a major source, using the emissions data generated for this notification. [§63.9(h)(2)(i)(E)]

Sample Response.

This facility consists of two 1,000 HP rich burn engines. Each 1,000 HP engine emits 2.43×10^{-4} lb/HP-hr of uncontrolled HAP emissions and operate continuously (8,760 hours per year). Consequently, yearly HAP emissions are 2.43×10^{-4} lb/HP-hr x 8,760 hrs/yr x 1,000 HP x ton/2,000 lb x 2 engines = 2.1 tons/yr and below the threshold to be classified as a major source; therefore, this facility is an area source. We do not expect these sources to emit HAP in quantities greater than the major source threshold.

SECTION VIII: CONTROLS

Describe the air pollution control equipment or method for each emission point, including each control device (or method) for each hazardous air pollutant and the control efficiency (percent) for each control device or method. [§63.9(h)(2)(i)(F)]

Sample Response.

The following pollution control equipment is used for each engine listed at this facility. Additionally, this facility uses other compliance methods that do not involve pollution control equipment, including a CPMS.

Source ID	Source Location	Equipment Type	Control Device	Control Efficiency	HAP Controlled
Engine A	Building 1	Johnson Matthey 3-way (NSCR) Catalyst	NSCR/AFR	Reduces CO by 76% or more	CO
Engine B	Building 1	Johnson Matthey 3-way (NSCR) Catalyst	NSCR/AFR	Reduces CO by 76% or more	CO

SECTION IX: CONSTRUCTION/RECONSTRUCTION

A. Did you submit an application for approval of construction or reconstruction under §63.5(d) that contained preliminary or estimated data? [§63.9(h)(5)]

Yes

No

Not applicable (did not submit an application for construction or reconstruction).

B. If you answered yes, provide actual emission data or other corrected information below.

Submit notification of compliance status to the following two addresses:

KDHE Bureau of Air and Radiation
1000 SW Jackson, Suite 310
Topeka, KS 66612-1366
785-296-1570

USEPA Region 7
Air Permitting and Compliance Branch
11201 Renner Blvd.
Lenexa, KS 66219
913-551-7599

For free assistance with completing the report, contact

Small Business Environmental Assistance Program
Kansas State University
133 Ward Hall
Manhattan, KS 66506-2508
800-578-8898
www.sbeap.org