

Semiannual Compliance Report

National Emission Standards for Hazardous Air Pollutants: Stationary Reciprocating Internal Combustion Engines 40 CFR Part 63, Subpart ZZZZ

Purpose of these Example Report Forms

You may use these example forms to meet the requirements for submitting the required semiannual reporting for engines subject to 40 CFR Part 63 Subpart ZZZZ. However, you are not required to use these example forms and may submit the information in another form or format.

Who is Required to Report Semiannually and May use this Example?

The following engines must submit semi-annual¹ reports under Subpart ZZZZ:

- Existing non-emergency, non-black start stationary RICE $100 \leq \text{HP} \leq 500$ located at a major source of hazardous air pollutants (HAP);
- Existing non-emergency, non-black start stationary CI RICE > 500 HP located at a major source of HAP;
- Existing non-emergency 4SRB stationary RICE > 500 HP located at a major source of HAP;
- Existing non-emergency, non-black start stationary CI RICE > 300 HP located at an area source of HAP;
- New or reconstructed non-emergency stationary RICE > 500 HP located at a major source of HAP; and
- New or reconstructed non-emergency 4SLB stationary RICE $250 \leq \text{HP} \leq 500$ located at a major source of HAP
- Existing non-emergency 4-stroke engines > 500 HP at area sources that are not in remote areas and that are used > 24 hr/yr

Section I: Facility Information

Company Name:

Facility Physical Address:	Mailing Address (if different):

Reporting Period²: ☐ January 1 through June 30, 20__ ☐ July 1 through December 31, 20__

¹ Limited use engines with no deviations or malfunctions may submit only an annual report.

² Submittal must be postmarked no later than July 31st for the first semiannual period (January 1st through June 30th) and no later than January 31st for the second semiannual period (July 1 through December 31st).

Section II: Required Semiannual Report Information

1. Were there any malfunctions³ in the reporting period that "caused or may have caused any applicable emission limitation to be exceeded"?
☐ YES – For each engine, complete **Section IV** and provide supporting data.
☐ NO
2. Were there deviations⁴ from emission or operating limitations?
☐ YES – For each engine, complete **Section IV** and provide supporting data.
☐ NO
3. If you operate a Continuous Monitoring System (CMS), including CEMS and CPMS, was the CMS out-of-control, as specified in §63.8(c)(7)?
☐ YES – For each engine, complete **Section IV** and provide supporting data.
☐ NO

Section III: Certification

Based upon information and belief formed after a reasonably 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.

Responsible Official Name (Please Print)

Responsible Official Signature

Responsible Official Title

Date

³ Malfunction means any sudden, infrequent, and not reasonably preventable failure of air pollution control and monitoring equipment, process equipment, or a process to operate in a normal or usual manner which causes, or has the potential to cause, the emission limitations in an applicable standard to be exceeded. Failures that are caused in part by poor maintenance or careless operation are not malfunctions.

⁴ Deviation means any instance in which the affected source fails to meet any requirement or obligation established by this subpart, including but not limited to any emission limitation or operating limitation; fails to meet any term or condition that is adopted to implement an applicable requirement in this subpart and that is included in the operating permit for any affected source required to obtain such a permit; or fails to meet any emission limitation or operating limitation in this subpart during malfunction, regardless or whether or not such failure is permitted by this subpart; fails to satisfy the general duty to minimize emission established by §63.6(e)(1)(i).

Section IV: Engine Malfunction or Deviation Information

(You are only required to provide the information in this Section IV if you had a malfunction or deviation in the report period.)

Engine ID or Description: _____

Malfunctions

1. If the engine experienced a malfunction which caused or may have caused any applicable emission limitation to be exceeded, provide the following information in a written report using the Optional Log form or in any format that is convenient.
 - Number, duration, and a brief description for each type of malfunction which occurred during the reporting period.
 - Description of actions taken by an owner or operator during a malfunction of an affected source to minimize emissions, including actions taken to correct a malfunction.

Deviations from operating limits or emission limits

2. If the engine experienced deviation from an emission or operating limit, is the engine equipped with a Continuous Parameter Monitoring System (CPMS)?
☐ YES – go to #3 below ☐ NO – go to #4 below
3. If you are using a CPMS to demonstrate compliance and you checked “YES” to #2 above, for each deviation from an emission or operating limit, provide the following information using the Optional Log form or in a written report in any format that is convenient:
 - The date and time that each malfunction started and stopped.
 - The date, time, and duration that each CMS was inoperative, except for zero (low-level) and high-level checks.
 - The date, time, and duration that each CMS was out-of-control, including the information in §63.8(c)(8).
 - The date and time that each deviation started and stopped, and whether each deviation occurred during a period of malfunction or during another period.
 - A summary of the total duration of the deviation during the reporting period, and the total duration as a percent of the total source operating time during that reporting period.

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- A breakdown of the total duration of the deviations during the reporting period into those that are due to control equipment problems, process problems, other known causes, and other unknown causes.
 - A summary of the total duration of CMS downtime during the reporting period, and the total duration of CMS downtime as a percent of the total operating time of the stationary RICE at which the CMS downtime occurred during that reporting period
 - An identification of each parameter and pollutant (CO or formaldehyde) that was monitored at the stationary RICE. A brief description of the stationary RICE.
 - A brief description of the CMS.
 - The date of the latest CMS certification or audit.
 - A description of any changes in CMS, processes, or controls since the last reporting period.
4. If you are not using a CPMS (selected “NO” for #2 above) and there were deviations from emission or operating limitations, include the following information in any format that is convenient.
- Total operating time of the engine monitored in the reporting period;
 - The number, duration and cause of each deviation and corrective action(s) to return the engine and any associated control device to normal operation.
5. For Compression Ignition engines > 300 HP and < 30 liters/cylinder displacement, was only ultra-low sulfur diesel fuel (ULSD at a maximum of 15 parts per million sulfur content) used in the engine?
- ☐ YES ☐ NO

To whom do I submit the semi-annual report?

- a. Submit the notification to the appropriate EPA Regional Office using the list below.
- b. In addition, if your State has been delegated⁵ the authority for this regulation under section 112(l) of the Clean Air Act, submit the notification to your State agency found at the following link:
www.epa.gov/ttn/atw/area/table_state_contacts.doc

EPA Region I (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont)

US Environmental Protection Agency
5 Post Office Square, Suite 100, Mail code: OES04-2,
Boston MA 02109-3912 Attention: Air Clerk

EPA Region II (New Jersey, New York, Puerto Rico, Virgin Islands)

Director, Division of Enforcement and Compliance Assistance
290 Broadway, New York, NY 10007-1866

EPA Region III (Delaware, District of Columbia, Maryland, Pennsylvania, Virginia, West Virginia)

Director, Air Protection Division, 1650 Arch Street, Philadelphia, PA 19103

EPA Region IV (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee)

Director, Air, Pesticides and Toxics Management Division
Atlanta Federal Center, 61 Forsyth Street, Atlanta, GA 30303–3104

EPA Region V (Illinois, Indiana, Michigan, Minnesota, Ohio, Wisconsin)

Director, Air and Radiation Division, 77 West Jackson Blvd., Chicago, IL 60604–3507

EPA Region VI (Arkansas, Louisiana, New Mexico, Oklahoma, Texas)

Director, Air, Pesticides and Toxics, 1445 Ross Avenue, Dallas, TX 75202–2733

EPA Region VII (Iowa, Kansas, Missouri, Nebraska)

Director, Air and Waste Management Division, U.S. Environmental Protection Agency
901 N. 5th Street, Kansas City, KS 66101

EPA Region VIII (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming)

Director, Air and Toxics Technical Enforcement Program, Office of Enforcement, Compliance and Environmental Justice, 1595 Wynkoop Street, Denver, CO 80202-1129

EPA Region IX (Arizona, California, Hawaii, Nevada, American Samoa, Guam)

Director, Air and Toxics Division, 75 Hawthorne Street, San Francisco, CA 94105

EPA Region X (Alaska, Idaho, Oregon, Washington)

Director, Office of Air, Waste and Toxics, 1200 6th Ave., Suite 900, AWT-107, Seattle, WA 98101

⁵ To determine whether your State has been delegated the authority for this regulation under section 112(l) of the Clean Air Act, contact your EPA Regional Office.