

FG{ID}
FLEXIBLE GROUP CONDITIONS
Major Source – Existing CI Limited Use > 500 bhp

Red text identifies options. Select the option that applies to the source and change the text to black. Delete red text that does not apply and renumber conditions if necessary.

Blue text is guidance or notes on the use of the template. Delete all blue text prior to issuing the final permit or submitting it with a permit application.

This template is for existing limited use RICE > 500 bhp at a major source. The RICE is existing if the date of installation is before December 19, 2002.

If this template is being used for an ROP Reopening or Renewal, and the MACT conditions were established in a PTI, the appropriate footnotes which reference enforceability must be added to each applicable condition in the template

Permit staff, if using in a PTI, change the UARs for R 336.1213(2)(d) and R 336.1213(3) to R 336.1205(1)(a) in SC III.1, SC IV.1, SC VI.1, and SC VI.2.

DESCRIPTION

40 CFR Part 63, Subpart ZZZZ - National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (RICE), located at a major source of HAP emissions, existing limited use RICE greater than 500 bhp. A RICE is existing if the date of installation is before December 19, 2002. {May add specifics for the affected EU(s).}

Emission Unit: {Site Specific List of Emission Units}

POLLUTION CONTROL EQUIPMENT

{Enter site specific pollution control equipment or NA}

I. EMISSION LIMIT(S)

NA

II. MATERIAL LIMIT(S)

1. The permittee shall burn only diesel fuel in each engine with a maximum sulfur content of 15 ppm (0.0015 percent) by weight and a minimum Cetane index of 40 or a maximum aromatic content of 35 volume percent. **(40 CFR 63.6604(b), 40 CFR 1090.305)**

III. PROCESS/OPERATIONAL RESTRICTION(S)

1. The permittee shall not operate each engine in FG{ID} for more than 99.9 hours per 12-month time period as determined at the end of each calendar month. **(R 336.1213(2)(d), 40 CFR 63.6600(c), 40 CFR 63.6675)**
2. The permittee shall operate and maintain each engine in FG{ID} and after-treatment control device (if any) in a manner consistent with good air pollution control practices for minimizing emissions. **(40 CFR 63.6605)**

IV. DESIGN/EQUIPMENT PARAMETER(S)

1. The permittee shall equip and maintain each engine in FG{ID} with non-resettable hours meters to track the operating hours. **(R 336.1213(3))**

V. TESTING/SAMPLING

Records shall be maintained on file for a period of five years. (R 336.1213(3)(b)(ii))

Permit staff – **Change above UAR to Rule 201(3) if using in a PTI.**

NA

VI. MONITORING/RECORDKEEPING

Records shall be maintained on file for a period of five years. (R 336.1213(3)(b)(ii))

Permit staff – **Change above UAR to Rule 201(3) if using in a PTI.**

1. The permittee shall monitor and record in a satisfactory manner, the total hours of operation for each engine in FG{ID} on a monthly and 12-month time period on a calendar year basis. The permittee shall keep all records on file and make them available to the Department upon request. (R 336.1213(3))
2. For each engine in FG{ID}, the permittee shall keep in a satisfactory manner, records of the maintenance conducted to demonstrate that the engine and after-treatment control device (if any) were operated and maintained according to the developed maintenance plan. The permittee shall keep all records on file and make them available to the department upon request. (R 336.1213(3))
3. The permittee shall keep, in a satisfactory manner, fuel supplier certification records or fuel sample test data, for each delivery of diesel fuel oil used in FG{ID}, demonstrating that the fuel meets the requirement of SC II.1. The certification or test data shall include the name of the oil supplier or laboratory, the sulfur content, and cetane index or aromatic content of the fuel oil. The permittee shall keep all records on file and make them available to the department upon request. (R 336.1213(3), 40 CFR 1090.305)

See Appendices {Enter 3, 4, and/or 7} - Permit Staff: Remove if PTI since this is ROP only.

VII. REPORTING

Permit Staff – SC VII.1, 2, and 3, references to Rule 213 are ROP only. Remove before putting into a PTI. Renumber as appropriate.

1. Prompt reporting of deviations pursuant to General Conditions 21 and 22 of Part A. (R 336.1213(3)(c)(ii))
2. Semiannual reporting of monitoring and deviations pursuant to General Condition 23 of Part A. The report shall be received by March 15 for reporting period July 1 to December 31 and September 15 for reporting period January 1 to June 30. (R 336.1213(3)(c)(i))
3. Annual certification of compliance pursuant to General Conditions 19 and 20 of Part A. The report shall be received by March 15 for the previous calendar year. (R 336.1213(4)(c))

See Appendix 8 - Permit Staff: Remove if PTI since this is ROP only.

VIII. STACK/VENT RESTRICTION(S)

NA

IX. OTHER REQUIREMENT(S)

1. The permittee shall comply with all applicable requirements of the National Emission Standards for Hazardous Air Pollutants, as specified in 40 CFR Part 63, Subparts A and ZZZZ for Stationary Reciprocating Internal Combustion Engines. (40 CFR Part 63, Subparts A and ZZZZ)

Footnotes:

¹ This condition is state only enforceable and was established pursuant to Rule 201(1)(b).

² This condition is federally enforceable and was established pursuant to Rule 201(1)(a).