START

Do you own or operate a Stationary RICE?

YES

Your facility is not subject to this subpart.

NO

Is the RICE being operated to test it at a test cell/stand or is it part of a test cell/stand?

YES

The RICE will be covered under 40 CFR Part 63, Subpart PPPP.

NO

SPARK IGNITION

Go to page 3.

COMPRESSION IGNITION

Is the RICE a compression ignition RICE or a spark ignition RICE?

YES

Go to page 2.

NO

Note: Any unit beyond this point is an affected unit of this subpart and should be, at a minimum, identified as such in any relevant permits.
Applicability Flowchart for Compression Ignition RICE

1 Additional monitoring, installation, collection, operation, and maintenance requirements in §63.6625 may apply.
2 For the purpose of this flowchart, new also includes reconstructed.
3 If your CI RICE is a non-emergency, non-black start unit with a site rating of more than 300 BHP and a displacement of less than 30 L/cylinder that uses diesel fuel, you must use diesel fuel that meets the requirements in 40 CFR 80.510(b) for nonroad diesel fuel.

Is the facility a major source or area source of HAP?

Is the CI RICE new or existing? (June 12, 2006)

Is the CI RICE > 500 BHP?

Is the CI RICE new or existing? (December 19, 2002)

Is the CI RICE an emergency RICE or a limited use RICE?

Am I subject to NSPS Subpart III?

The CI RICE does not have to meet the requirements of this subpart or Subpart A, General Provisions, except emergency RICE must comply with the requirements in §63.6640(f).

Does the CI RICE burn digester gas or landfill gas equivalent to ≥ 10% of the gross heat input annually?

Meet the emission limits in Table 2c & the operating limits in Table 2b.

Meet the emission limits in Table 2d & the operating limits in Tables 1b and 2b.

Meet the emission limits in Table 2a & the operating limits in Table 2b.

Meet the emission limits in Table 2c.

Meet the initial notification requirements (§63.6645(f)).

Monitor and record fuel usage daily (§§63.6625(c) & 63.6655(c)).

Submit an annual report (§63.6650(g)).

The RICE is NOT subject to emission and operating limits of this subpart.

Am I subject to NSPS Subpart III?

The CI RICE does not have to meet the requirements of this subpart or Subpart A, General Provisions.

Comply with NSPS.

The CI RICE does not have to meet the requirements of this subpart or Subpart A, General Provisions, except for the requirements in §63.6640(f).

The CI RICE does not have to meet the requirements of this subpart or Subpart A, General Provisions.

Comply with NSPS.

The CI RICE must meet the initial notification requirements in §63.6645(f). If the CI RICE is an emergency RICE, the unit must also comply with the requirements in §63.6640(f); otherwise, there are no other requirements in this subpart or Subpart A, General Provisions.

Meet the emission limits in Table 2a & the operating limits in Table 2b.

This flowchart was developed by Mississippi Department of Environmental Quality, Air Division, 3/2011.
Applicability Flowchart for Spark Ignition RICE

Is the SI RICE new\(^2\) or existing? (June 12, 2006)

Are the SI RICE a residential, commercial, or institutional emergency RICE?

- Yes: The SI RICE does not have to meet the requirements of this subpart or Subpart A, General Provisions.
- No: The SI RICE must meet the initial notification requirements in §63.6645(f). If the SI RICE is an emergency RICE, the unit must also comply with the requirements in §63.6640(f); otherwise, there are no other requirements in this subpart or Subpart A, General Provisions.

- NO: Comply with NSPS.

- YES: Meet the emission limits in Table 2b & the operating limits in Table 1b.

Is the SI RICE a 4 stroke rich burn RICE?

- NO: Meet the emission limits in Table 2a & the operating limits in Table 1b.
- YES: The SI RICE does not have to meet the requirements of this subpart or Subpart A, General Provisions.

Is the SI RICE an emergency RICE or a limited use RICE?

- NO: The SI RICE must comply with the requirements in §63.6640(f).
- YES: Submit an annual report (§63.6650(g)).

The SI RICE does not have to meet the requirements of this subpart or Subpart A, General Provisions.

- NO: Meet the emission limits in Table 2a & the operating limits in Table 1b.
- YES: Comply with NSPS.

Is the SI RICE a 4 stroke lean burn RICE?

- NO: The SI RICE does not have to meet the requirements of this subpart or Subpart A, General Provisions.
- YES: Meet the emission limits in Table 2c. Comply with NSPS.

Is the SI RICE an emergency RICE, a limited use RICE, a 2 or 4 stroke lean burn RICE, or burn digester gas or landfill gas equivalent to \(\geq 10\%\) of the gross heat input annually?

- NO: Meet the emission limits in Table 2a & the operating limits in Table 1b.
- YES: Meet the emission limits in Table 2c.

Is the SI RICE a 2 or 4 stroke lean burn RICE manufactured on or after January 1, 2008?

- NO: The SI RICE does not have to meet the requirements of this subpart or Subpart A, General Provisions.
- YES: The SI RICE must meet the initial notification requirements in §63.6645(f). If the SI RICE is an emergency RICE, the unit must also comply with the requirements in §63.6640(f); otherwise, there are no other requirements in this subpart or Subpart A, General Provisions.

Does the SI RICE burn digester gas or landfill gas equivalent to \(\geq 10\%\) of the gross heat input annually?

- NO: Meet the emission limits in Table 2a & the operating limits in Table 1b.
- YES: Meet the emission limits in Table 2c.

Am I subject to NSPS Subpart JJJ?

- NO: Meet the emission limits in Table 2b & the operating limits in Tables 1a & 2b.
- YES: Meet the emission limits in Table 2a & the operating limits in Table 1b.

Is the SI RICE a nonroad RICE?

- NO: Meet the emission limits in Table 2b & the operating limits in Table 1b.
- YES: Meet the emission limits in Table 2a & the operating limits in Table 1b.

Is the SI RICE 4 stroke lean burn ≥ 250 BHP manufactured on or after January 1, 2008?

- NO: Comply with NSPS.
- YES: The SI RICE must meet the initial notification requirements in §63.6645(f).

Is the SI RICE new\(^2\) or existing? (December 19, 2002)

- NO: Meet the emission limits in Table 2c. Comply with NSPS.
- YES: Meet the emission limits in Table 2a & the operating limits in Table 1b.

- NO: Meet the emission limits in Table 1a & the operating limits in Table 1b.
- YES: Meet the emission limits in Table 2a & the operating limits in Table 1b.

Is the SI RICE a 4 stroke rich burn RICE?

- NO: Meet the emission limits in Table 2a & the operating limits in Table 1b.
- YES: Meet the emission limits in Table 2c.

Is the SI RICE a 2 or 4 stroke lean burn RICE?

- NO: Meet the emission limits in Table 2a & the operating limits in Table 1b.
- YES: Meet the emission limits in Table 2c.

Is the SI RICE > 500 BHP?

- NO: Meet the emission limits in Table 2c. Comply with NSPS.
- YES: Meet the emission limits in Table 2a & the operating limits in Table 1b.

Is the SI RICE new\(^2\) or existing? (June 12, 2006)

- NO: Meet the emission limits in Table 2c. Comply with NSPS.
- YES: Meet the emission limits in Table 2a & the operating limits in Table 1b.

Is the SI RICE a nonroad, residential, institutional or emergency RICE?

- NO: Meet the emission limits in Table 2b & the operating limits in Table 1b.
- YES: Meet the emission limits in Table 2a & the operating limits in Table 1b.

\(^1\) Additional monitoring, installation, collection, operation, and maintenance requirements in §63.6625 may apply.

\(^2\) For the purpose of this flowchart, new also includes reconstructed.

\(^3\) If your CI RICE is a non-emergency, non-block start unit with a site rating of more than 300 BHP and a displacement of less than 30 L/cylinder that uses diesel fuel, you must use diesel fuel that meets the requirements in 40 CFR 80.510(b) for nonroad diesel fuel.