



Existing Spark Ignition (SI) RICE located at an area source of HAPS
40 CFR Part 63, Subpart ZZZZ

| Engine Type | Requirements Table 2d | Performance Testing | Subsequent Performance Tests | Notification and Report Submission | Other Requirements |
|---|---|---|------------------------------|--|---|
| Emergency or black start SI | - change oil/filter & inspect hoses/belts every 500 hrs or annually - inspect spark plugs every 1000 hrs or annually -Non-resettable hour meter | NA | NA | Annual report may be required – see Table 7 – Requirements for Reports | <ul style="list-style-type: none"> • General Compliance 40 CFR 63.6605 • Monitoring/Installation/Collection/Operation & Maintenance 40 CFR 63.6625 • Records 40 CFR 63.6655 |
| Non-Emergency SI 2SLB | - change oil/filter, inspect hoses/belts & spark plugs every 4320 hrs or annually | NA | NA | NA | <ul style="list-style-type: none"> • General Compliance 40 CFR 63.6605 • Monitoring/Installation/Collection/Operation & Maintenance 40 CFR 63.6625 • Records 40 CFR 63.6655 |
| Non-Emergency SI 4SLB & 4SRB ≤ 500 hp (remote & non-remote) | - change oil/filter, inspect hoses/belts & spark plugs every 1440 hrs or annually | NA | NA | NA | <ul style="list-style-type: none"> • General Compliance 40 CFR 63.6605 • Monitoring/Installation/Collection/Operation & Maintenance 40 CFR 63.6625 • Records 40 CFR 63.6655 |
| Non-Emergency non-remote SI 4SLB > 500hp* | Install an oxidation catalyst (Limit CO to 47 ppmvd @ 15% O ₂ – or – reduce CO emissions by 93% or more) | Initial compliance demonstration per 63.6630(e) | Annual checks per 63.6640(c) | <ul style="list-style-type: none"> • Initial Notification • Notification of Compliance Status • Semi-annual report submission | <ul style="list-style-type: none"> • General Compliance 40 CFR 63.6605 • Performance Testing Procedures 40 CFR 63.6620 • Monitoring/Installation/Collection/Operation & Maintenance 40 CFR 63.6625 • Records 40 CFR 63.6655 |



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| Engine Type | Requirements Table 2d | Performance Testing | Subsequent Performance Tests | Notification and Report Submission | Other Requirements |
|---|---|---|------------------------------|--|---|
| Non-Emergency non-remote SI 4SRB > 500hp* | Install a NSCR (Limit CO to 270 ppmvd @ 15% O ₂ – or – reduce CO emissions by 75% or more) | Initial compliance demonstration per 63.6630(e) | Annual checks per 63.6640(c) | <ul style="list-style-type: none"> Initial Notification Notification of Compliance Status Semi-annual report submission | <ul style="list-style-type: none"> General Compliance 40 CFR 63.6605 Performance Testing Procedures 40 CFR 63.6620 Monitoring/Installation/Collection/Operation & Maintenance 40 CFR 63.6625 Records 40 CFR 63.6655 |
| Remote 4SRB & 4SLB SI > 500 hp | - change oil/filter, inspect hoses/belts & spark plugs every 2160 hrs or annually | NA | NA | Initial remote determination by 10/19/13 - Evaluate remote status annually | <ul style="list-style-type: none"> General Compliance 40 CFR 63.6605 Monitoring/Installation/Collection/Operation & Maintenance 40 CFR 63.6625 Records 40 CFR 63.6655 |

*engines operated < 24 hrs/yr do not need to install a catalyst or NSCR, follow requirements for emergency SI

The owner/operator shall comply with all applicable provisions of 40 CFR Part 63, if a conflict exists between references in this document and the regulation, the regulation shall take precedence