## Existing Spark Ignition (SI) RICE located at an area source of HAPS

40 CFR Part 63, Subpart ZZZZ

<table>
<thead>
<tr>
<th>Engine Type</th>
<th>Requirements</th>
<th>Performance Testing</th>
<th>Subsequent Performance Tests</th>
<th>Notification and Report Submission</th>
<th>Other Requirements</th>
</tr>
</thead>
</table>
| 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 | • 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 | • 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 | • 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% O₂ – or – reduce CO emissions by 93% or more) | Initial compliance demonstration per 63.6630(e) | Annual checks per 63.6640(c) | • Initial Notification  
• Notification of Compliance Status  
• Semi-annual report submission | • 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 |

This page reflects rules in effect on June 3, 2013, updated sheets can be found at: [http://www.kdheks.gov/air-permit/CEtech_guidance.html](http://www.kdheks.gov/air-permit/CEtech_guidance.html)
# Existing Spark Ignition (SI) RICE located at an area source of HAPS

40 CFR Part 63, Subpart ZZZZ

<table>
<thead>
<tr>
<th>Engine Type</th>
<th>Requirements Table 2d</th>
<th>Performance Testing</th>
<th>Subsequent Performance Tests</th>
<th>Notification and Report Submission</th>
<th>Other Requirements</th>
</tr>
</thead>
</table>
| Non-Emergency non-remote SI 4SRB > 500hp* | Install a NSCR (Limit CO to 270 ppmvd @ 15% O₂ – or – reduce CO emissions by 75% or more) | Initial compliance demonstration per 63.6630(e) | Annual checks per 63.6640(c) | • Initial Notification  
• Notification of Compliance Status  
• Semi-annual report submission | • 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 | • 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.