

Walker, Elizabeth (AIR)

From: Arif, Syed
Sent: Tuesday, January 05, 2010 11:22 AM
To: Walker, Elizabeth (AIR)
Subject: FW: Trail Ridge Energy Subpart JJJJ

From: David Derenzo [mailto:dderenzo@derenzo.com]
Sent: Saturday, April 12, 2008 11:08 AM
To: Arif, Syed
Subject: Trail Ridge Energy Subpart JJJJ

Syed

Spark ignition (SI) new source performance standards (NSPS, 40 CFR Part 60 Subpart JJJJ) for LFG fueled IC engines require:

1. Owners and operators who purchase stationary LFG SI engines that are manufactured after 7/1/07 that are greater than 500 hp to limit their exhaust emissions of NOx to 3.0 g/bhp-hr, CO to 5.0 g/bhp-hr and VOC to 1.0 g/bhp-hr.
2. Owners and operators who use stationary LFG SI engines with a maximum engine power greater than 25 hp ... to demonstrate compliance by either using an engine certified to the emission standard ... or by conducting an initial performance test (and potentially subsequent testing depending on the engine size) to demonstrate compliance with the emission standards.
3. Owners and operators of engines that have never been certified that are greater than 500 hp to conduct an initial performance test to demonstrate compliance and must test every 8,760 hours of operation or 3 years after that.
4. Owners and operators that operate engines that have been certified by the engine manufacturer are not required to perform any performance testing unless the engine is operated outside of the fuel properties or the emission related operation and maintenance procedures specified by the manufacturer.
5. An initial notification be submitted to the regulatory agency for owners and operators of engines greater than 500 hp that are non-certified.

There are additional requirements specified in the SI NSPS; however, I have presented the major requirements in the preceding text.

The CAT G3520C IC engines that will be installed at Trail Ridge Energy have the following serial numbers and manufacture date (which indicate the equipment is not subject to the requirements of 40 CFR Part 60 JJJJ

Serial Number: GZJ00276
Sales Model: 3520
Built: 2006-09-20
Serial Number: GZJ00272
Sales Model: 3520
Built: 2006-09-15
Serial Number: GZJ00264
Sales Model: 3520
Built: 2006-08-08
Serial Number: GZJ00263

Sales Model: 3520
Built: 2006-08-08
Serial Number: GZJ00261
Sales Model: 3520
Built: 2006-08-02
Serial Number: GZJ00258
Sales Model: 3520
Built: 2006-08-01

Please contact me if you have any questions or require clarifications.

Thanks

David
Derenzo and Associates, Inc.
39395 Schoolcraft Road
Livonia, MI 48150
(734) 464-3880