

Continuous Compliance Checklist

Area Source Engines - 40 CFR Part 63, Subpart ZZZZ

This checklist was developed to assist owners and operators of stationary reciprocating internal combustion engines (RICE) located at area sources of HAP emissions with continuous compliance. Not sure whether your engine has met initial compliance requirements? Ask SBEAP at the contact information below.

Engine type: existing (commenced construction or reconstruction before 6/12/2006) compression ignition non-emergency non-black start ≤300 HP	<input checked="" type="checkbox"/> yes
Requirements:	
(1) Comply with the applicable requirements in Table 2d and applicable operating limitations in Table 2b. [40 CFR 63.6603(a)]	
(2) Compliance with the emission limitations, operating limitations, and other requirements that apply at all times [40 CFR 63.6605(a)]	
(3) Operate and maintain the engine, air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. [40 CFR 63.6605(b)]	
(4) Change oil and filter every 1,000 hours of operation or annually, whichever comes first. [Table 2d] Note: An oil analyses program can be implemented to extend the specified oil-change requirement. [40 CFR 63.6625(i)]	
(5) Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first, and replace as necessary. [Table 2d]	
(6) Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary. [Table 2d]	
(7) (a) Operate and maintain the stationary RICE and after-treatment control device (if any) according to the manufacturer's emission-related written instructions or [40 CFR 63.6625(e)]	
(b) Develop your own maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions. [40 CFR 63.6625(e)]	
(8) Minimize the engine's time spent at idle and minimize the engine's startup time at startup to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes, after which time the non-startup emission limitations apply. [Table 2d, 40 CFR 63.6625(h)]	
Reporting: None	
Records to keep:	
(9) Engine complies with emission and operating limitations: [40 CFR 63.6655(a)(1-5)]	

(a) A copy of each notification and report that you submitted, including the Initial Notification of Compliance or Notification of Compliance Status 40 CFR 63.6655(a)(1)	
(b) Records of the occurrence and duration of each malfunction of operation or air pollution control device and monitoring equipment, 40 CFR 63.6655(a)(2)	
(c) Records of performance tests and evaluations as required 40 CFR 63.6655(a)(3)	
(d) Records of all required maintenance performed on the air pollution control and monitoring equipment, and 40 CFR 63.6655(a)(4)	
(e) Records of actions taken during periods of malfunction, including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation. 40 CFR 63.6655(a)(5)	
(10) Maintain the records required in Table 6 to show continuous compliance with each emission or operating limitation that applies to you. [40 CFR 63.6655(d)]	
(11) Maintain records of the maintenance conducted on the stationary RICE subject to management practices as shown in Table 2d in order to demonstrate that you operated and maintained the stationary RICE and after-treatment control device (if any) according to your own maintenance plan [40 CFR 63.6655(e)(3)]	
<i>Keep records readily accessible in hard copy or electronic form for five (5) years following the date of each occurrence, measurement, maintenance, corrective action, report, or record. [Table 8, 40 CFR 63.6660].</i>	

*The Continuous Compliance Checklist is intended as guidance, if a conflict exist between the regulation 40 CFR Part 63, Subpart ZZZZ and this checklist the regulation shall take precedence.

Questions? Call SBEAP at 1-800-578-8898 or email at sbeap@ksu.edu.

This publication was created by Kansas State University’s Pollution Prevention Institute through the Small Business Environmental Assistance Program (SBEAP). SBEAP’s mission is to help Kansas small businesses comply with environmental regulations and identify pollution prevention opportunities. SBEAP is funded through a contract with the Kansas Department of Health and Environment. SBEAP services are free and confidential. For more information, call 800-578-8898, send an e-mail to sbeap@ksu.edu, or visit our Web site at www.sbeap.org. Kansas State University is an EEO/AA provider.



Notice of nondiscrimination Kansas State University is committed to nondiscrimination on the basis of race, color, ethnic or national origin, sex, sexual orientation, gender identity, religion, age, ancestry, disability, military status, veteran status, or other non-merit reasons, in admissions, educational programs or activities and employment, including employment of disabled veterans and veterans of the Vietnam Era, as required by applicable laws and regulations. Responsibility for coordination of compliance efforts and receipt of inquiries concerning Title VI of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, the Age Discrimination Act of 1975, and the Americans With Disabilities Act of 1990, has been delegated to the Director of Affirmative Action, Kansas State University, 214 Anderson Hall, Manhattan, KS 66506-0124, (Phone) 785-532-6220; (TTY) 785-532-4807.