

and fuel consumption, without being remanufactured, specified as a number of hours of operation or calendar years, whichever comes first. It is the period during which a new nonroad engine is required to comply with all applicable emission standards. See §1048.101(g).

Variable-speed engine means an engine that is not a constant-speed engine.

Variable-speed operation means engine operation that does not meet the definition of constant-speed operation.

Void has the meaning given in 40 CFR 1068.30.

Volatile liquid fuel means any fuel other than diesel or biodiesel that is a liquid at atmospheric pressure and has a Reid Vapor Pressure higher than 2.0 pounds per square inch.

Wide-open throttle means maximum throttle opening. Unless this is specified at a given speed, it refers to maximum throttle opening at maximum speed. For electronically controlled or other engines with multiple possible fueling rates, wide-open throttle also means the maximum fueling rate at maximum throttle opening under test conditions.

We (us, our) means the Administrator of the Environmental Protection Agency and any authorized representatives.

[70 FR 40482, July 13, 2005]

§ 1048.805 What symbols, acronyms, and abbreviations does this part use?

The following symbols, acronyms, and abbreviations apply to this part:

- °C degrees Celsius.
- ASTM American Society for Testing and Materials.
- cc cubic centimeters.
- CFR Code of Federal Regulations.
- cm centimeter.
- CO carbon monoxide.
- CO₂ carbon dioxide.
- EPA Environmental Protection Agency.
- g/kW-hr grams per kilowatt-hour.
- HC hydrocarbon.
- ISO International Organization for Standardization.
- kPa kilopascals.
- kW kilowatts.

- LPG liquefied petroleum gas.
- m meters.
- MIL malfunction-indicator light.
- mm Hg millimeters of mercury.
- NARA National Archives and Records Administration.
- NMHC nonmethane hydrocarbons.
- NO_x oxides of nitrogen (NO and NO₂).
- psi pounds per square inch of absolute pressure.
- psig pounds per square inch of gauge pressure.
- rpm revolutions per minute.
- SAE Society of Automotive Engineers.
- SI spark-ignition.
- THC total hydrocarbon.
- THCE total hydrocarbon equivalent.
- U.S.C. United States Code.

[67 FR 68347, Nov. 8, 2002, as amended at 70 FR 40485, July 13, 2005]

§ 1048.810 What materials does this part reference?

Documents listed in this section have been incorporated by reference into this part. The Director of the Federal Register approved the incorporation by reference as prescribed in 5 U.S.C. 552(a) and 1 CFR part 51. Anyone may inspect copies at the U.S. EPA, Air and Radiation Docket and Information Center, 1301 Constitution Ave., NW., Room B102, EPA West Building, Washington, DC 20460 or at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202-741-6030, or go to: http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html.

- (a) [Reserved]
- (b) *SAE material*. Table 2 of this section lists material from the Society of Automotive Engineering that we have incorporated by reference. The first column lists the number and name of the material. The second column lists the sections of this part where we reference it. Anyone may purchase copies of these materials from the Society of Automotive Engineers, 400 Commonwealth Drive, Warrendale, PA 15096 or <http://www.sae.org>. Table 2 follows:

TABLE 2 OF § 1048.810—SAE MATERIALS

Document number and name	Part 1048 reference
SAE J1930, Electrical/Electronic Systems Diagnostic Terms, Definitions, Abbreviations, and Acronyms, revised May 1998	1048.135

TABLE 2 OF § 1048.810—SAE MATERIALS—Continued

Document number and name	Part 1048 reference
SAE J2260, Nonmetallic Fuel System Tubing with One or More Layers, November 1996	1048.105

(c) *ISO material.* Table 3 of this section lists material from the International Organization for Standardization that we have incorporated by reference. The first column lists the number and name of the material. The second column lists the section of this

part where we reference it. Anyone may purchase copies of these materials from the International Organization for Standardization, Case Postale 56, CH-1211 Geneva 20, Switzerland or <http://www.iso.org>. Table 3 follows:

TABLE 3 OF § 1048.810—ISO MATERIALS

Document number and name	Part 1048 reference
ISO 9141-2 Road vehicles—Diagnostic systems—Part 2: CARB requirements for interchange of digital information, February 1994	1048.110
ISO 14230-4 Road vehicles—Diagnostic systems—Keyword Protocol 2000—Part 4: Requirements for emission-related systems, June 2000	1048.110

[70 FR 40485, July 13, 2005]

§ 1048.815 What provisions apply to confidential information?

(a) Clearly show what you consider confidential by marking, circling, bracketing, stamping, or some other method.

(b) We will store your confidential information as described in 40 CFR part 2. Also, we will disclose it only as specified in 40 CFR part 2. This applies both to any information you send us and to any information we collect from inspections, audits, or other site visits.

(c) If you send us a second copy without the confidential information, we will assume it contains nothing confidential whenever we need to release information from it.

(d) If you send us information without claiming it is confidential, we may make it available to the public without further notice to you, as described in 40 CFR 2.204.

[70 FR 40486, July 13, 2005]

§ 1048.820 How do I request a hearing?

(a) You may request a hearing under certain circumstances, as described elsewhere in this part. To do this, you must file a written request, including a description of your objection and any

supporting data, within 30 days after we make a decision.

(b) For a hearing you request under the provisions of this part, we will approve your request if we find that your request raises a substantial factual issue.

(c) If we agree to hold a hearing, we will use the procedures specified in 40 CFR part 1068, subpart G.

[70 FR 40486, July 13, 2005]

APPENDIX I TO PART 1048—LARGE SPARK-IGNITION (SI) TRANSIENT CYCLE FOR CONSTANT-SPEED ENGINES

The following table shows the transient duty-cycle for constant-speed engines, as described in § 1048.510:

Time(s)	Normalized speed (percent)	Normalized torque (percent) ¹
1	58	5
2	58	5
3	58	5
4	58	5
5	58	5
6	58	5
7	58	5
8	58	5
9	58	5
10	58	5
11	58	5
12	65	8
13	72	9
14	79	12
15	86	14