

APPENDIX I TO PART 94;—EMISSION-RELATED ENGINE PARAMETERS AND SPECIFICATIONS

- I. Basic Engine Parameters—Reciprocating Engines.
 1. Compression ratio.
 2. Type of air aspiration (natural, Roots blown, supercharged, turbocharged).
 3. Valves (intake and exhaust).
 - a. Head diameter dimension.
 - b. Valve lifter or actuator type and valve lash dimension.
 4. Camshaft timing.
 - a. Valve opening—intake exhaust (degrees from TDC or BDC).
 - b. Valve closing—intake exhaust (degrees from TDC or BDC).
 - c. Valve overlap (degrees).
 5. Ports—two stroke engines (intake and/or exhaust).
 - a. Flow area.
 - b. Opening timing (degrees from TDC or BDC).
 - c. Closing timing (degrees from TDC or BDC).
- II. Intake Air System.
 1. Roots blower/supercharger/turbocharger calibration.
 2. Charge air cooling.
 - a. Type (air-to-air; air-to-liquid).
 - b. Type of liquid cooling (engine coolant, dedicated cooling system).
 3. Performance (charge air delivery temperature (°F) at rated power and one other power level under ambient conditions of 80°F and 110°F, and 3 minutes and 15 minutes after selecting rated power, and 3 minutes and 5 minutes after selecting other power level).
 4. Temperature control system calibration.
 5. Maximum allowable inlet air restriction.
- III. Fuel System.
 1. General.
 - a. Engine idle speed.
 2. Fuel injection—compression ignition engines.
 - a. Control parameters and calibrations.
 - b. Transient enrichment system calibration.
 - c. Air-fuel flow calibration.
 - d. Altitude compensation system calibration.
 - e. Operating pressure(s).
 - f. Injector timing calibration.
- IV. Engine Cooling System.
 1. Thermostat calibration.
- V. Exhaust System.
 1. Maximum allowable back pressure.
- VI. Exhaust Emission Control System.
 1. Air injection system.
 - a. Control parameters and calibrations.
 - b. Pump flow rate.
 2. EGR system.
 - a. Control parameters and calibrations.
 - b. EGR valve flow calibration.
 3. Catalytic converter system.
 - a. Active surface area.
 - b. Volume of catalyst.
 - c. Conversion efficiency.
 4. Backpressure.
- VII. Crankcase Emission Control System.
 1. Control parameters and calibrations.
 2. Valve calibrations.
- VIII. Auxiliary Emission Control Devices (AECD).
 1. Control parameters and calibrations.
 2. Component calibration(s).

PART 95—MANDATORY PATENT LICENSES

Sec.

- 95.1 Definitions.
- 95.2 Petition for mandatory license.
- 95.3 Findings prior to application to Attorney General.
- 95.4 Limitations on mandatory licenses.

AUTHORITY: 42 U.S.C. 7609; Sec. 104, Pub. L. 103-182, 107 Stat. 2057, 2064.

SOURCE: 59 FR 67638, Dec. 30, 1994, unless otherwise noted.

§ 95.1 Definitions.

(a) As used in this part, all terms not defined in this section shall have the meaning given them by the Act.

(b) *Act* means the Clean Air Act, as amended (42 U.S.C. §§ 7401-7671).

(c) *Agency* means the Environmental Protection Agency.

(d) *Administrator* means the Administrator of the Environmental Protection Agency.

§ 95.2 Petition for mandatory license.

(a) Any party required to comply with sections 111, 112 or 202 of the Act (42 U.S.C. 7411, 7412 or 7521) may petition to the Administrator for a mandatory patent license pursuant to section 308 of the Act (42 U.S.C. 7608), under a patent that the petitioner maintains is necessary to enable the petitioner to comply with Sections 111, 112 or 202 of the Act.

(b)(1) Each petition shall be signed by the petitioner and shall state the petitioner's name and address. If the petitioner is a corporation, the petition shall be signed by an authorized officer of the corporation, and the petition shall indicate the state of incorporation. Where the petitioner elects to be represented by counsel, a signed notice to that effect shall be included with the petition at the time of filing.