

## Environmental Protection Agency

## § 92.1

- 92.605 General testing requirements.
- 92.606 Maintenance, procurement and testing of in-use locomotives.
- 92.607 In-use test program reporting requirements.

### Subpart H—Recall Regulations

- 92.701 Applicability.
- 92.702 Definitions.
- 92.703 Voluntary emissions recall.
- 92.704 Notice to manufacturer or remanufacturer of nonconformity; submission of remedial plan.
- 92.705 Remedial plan.
- 92.706 Approval of plan: Implementation.
- 92.707 Notification to locomotive or locomotive engine owners.
- 92.708 Records and reports.
- 92.709 Public hearings.

### Subpart I—Importation of Nonconforming Locomotives and Locomotive Engines

- 92.801 Applicability.
- 92.802 Definitions.
- 92.803 Admission.
- 92.804 Exemptions.
- 92.805 Prohibited acts; penalties.
- 92.806 Importation of partially complete engines.

### Subpart J—Exclusion and Exemption Provisions

- 92.901 Purpose and applicability.
- 92.902 Definitions.
- 92.903 Exclusions.
- 92.904 Exemptions.
- 92.905 Testing exemption.
- 92.906 Manufacturer-owned, remanufacturer-owned exemption and display exemption.
- 92.907 Non-locomotive-specific engine exemption.
- 92.908 National security exemption.
- 92.909 Export exemptions.
- 92.910 Granting of exemptions.
- 92.911 Submission of exemption requests.
- 92.912 Staged-assembly exemption.

### Subpart K—Requirements Applicable to Owners and Operators of Locomotives and Locomotive Engines

- 92.1001 Applicability.
- 92.1002 Definitions.
- 92.1003 In-use testing program.
- 92.1004 Maintenance and repair.
- 92.1005 In-use locomotives.
- 92.1006 Refueling requirements.

### Subpart L—General Enforcement Provisions and Prohibited Acts

- 92.1101 Applicability.
- 92.1102 Definitions.

- 92.1103 Prohibited acts.
- 92.1104 General enforcement provisions.
- 92.1105 Injunction proceedings for prohibited acts.
- 92.1106 Penalties.
- 92.1107 Warranty provisions.
- 92.1108 In-use compliance provisions.

APPENDIX I TO PART 92—EMISSION-RELATED LOCOMOTIVE AND ENGINE PARAMETERS AND SPECIFICATIONS

APPENDIX II TO PART 92—INTERPRETIVE RULING FOR § 92.705—REMEDIAL PLANS

APPENDIX III TO PART 92—SMOKE STANDARDS FOR NON-NORMALIZED MEASUREMENTS

APPENDIX IV TO PART 92—GUIDELINES FOR DETERMINING EQUIVALENCY BETWEEN EMISSION MEASUREMENT SYSTEMS

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## Subpart A—General Provisions for Emission Regulations for Locomotives and Locomotive Engines

### § 92.1 Applicability.

(a) Except as noted in paragraphs (b) and (d) of this section, the provisions of this part apply to manufacturers, remanufacturers, owners and operators of:

(1) Locomotives and locomotive engines manufactured on or after January 1, 2000; and

(2) Locomotives and locomotive engines manufactured on or after January 1, 1973 and remanufactured on or after January 1, 2000; and

(3) Locomotives and locomotive engines manufactured prior to January 1, 1973, and upgraded on or after January 1, 2000.

(b) The requirements and prohibitions of this part do not apply with respect to:

(1) Steam locomotives, as defined in § 92.2;

(2) Locomotives powered solely by an external source of electricity;

(3) Locomotive engines which provide only hotel power (see 40 CFR parts 89 and 1039 to determine if such engines are subject to EPA emission requirements); or

(4) Nonroad vehicles excluded from the definition of locomotive in § 92.2, and the engines used in such nonroad vehicles (see 40 CFR parts 86, 89, and

## § 92.2

## 40 CFR Ch. I (7-1-07 Edition)

1039 to determine if such vehicles or engines are subject to EPA emission requirements).

(c) For cases in which there are multiple entities meeting the definition of manufacturer or remanufacturer, see § 92.209 for guidance.

(d) The provisions of subpart L of this part apply to all persons.

[63 FR 18998, Apr. 16, 1998, as amended at 70 FR 40452, July 13, 2005]

### § 92.2 Definitions.

(a) The definitions of this section apply to this subpart. They also apply to all subparts of this part, except where noted otherwise.

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

*Act* means the Clean Air Act as amended (42 U.S.C. 7401 *et seq.*).

*Administrator* means the Administrator of the Environmental Protection Agency or his/her authorized representative.

*Aftertreatment system* or *aftertreatment component* or *aftertreatment technology* means any system or component or technology mounted downstream of the exhaust valve or exhaust port whose design function is to reduce exhaust emissions.

*Alcohol fuel* means a fuel consisting primarily (more than 50 percent by weight) of one or more alcohols: e.g., methyl alcohol, ethyl alcohol.

*Alternator/generator efficiency* means the ratio of the electrical power output from the alternator/generator to the mechanical power input to the alternator/generator at the operating point.

*Alternator/generator input horsepower* means the mechanical horsepower input to the main alternator or generator of a locomotive. For the purpose of calculating brake horsepower, alternator/generator input horsepower does not include any power used to circulate engine coolant, circulate engine lubricant, or to supply fuel to the engine.

*Applicable standard* means a standard to which a locomotive or locomotive engine is subject; or, where a locomotive or locomotive engine is certified another standard or FEL, applicable standard means the other standard or FEL to which the locomotive or locomotive engine is certified, as al-

lowed by § 92.8. This definition does not apply to subpart D of this part.

*Auxiliary emission control device (AECD)* means any element of design which senses temperature, locomotive speed, engine RPM, atmospheric pressure, manifold pressure or vacuum, or any other parameter for the purpose of activating, modulating, delaying, or deactivating the operation of any part of the emission control system (including, but not limited to injection timing); or any other feature that causes in-use emissions to be higher than those measured under test conditions, except as allowed by this part.

*Auxiliary engine* means a locomotive engine that provides hotel power, but does not provide power to propel the locomotive.

*Auxiliary power* means the power provided by the main propulsion engine to operate accessories such as cooling fans.

*Averaging* for locomotives and locomotive engines means the exchange of emission credits among engine families within a given manufacturer's, or remanufacturer's, product line.

*Banking* means the retention of emission credits by a credit holder for use in future calendar year averaging or trading as permitted by the regulations in this part.

*Brake horsepower* means the sum of the alternator/generator input horsepower and the mechanical accessory horsepower, excluding any power used to circulate engine coolant, circulate engine lubricant, or to supply fuel to the engine.

*Calibration* means the set of specifications, including tolerances, specific to a particular design, version, or application of a component, or components, or assembly capable of functionally describing its operation over its working range. This definition does apply to Subpart B of this part.

*Class I freight railroad* means a Class I railroad that primarily transports freight rather than passengers.

*Class I railroad* means a railroad that has been classified as a Class I railroad by the Surface Transportation Board.

*Class II railroad* means a railroad that has been classified as a Class II railroad by the Surface Transportation Board.