

§ 51.369

40 CFR Ch. I (7-1-10 Edition)

§ 51.369 Improving repair effectiveness.

Effective repairs are the key to achieving program goals and the State shall take steps to ensure the capability exists in the repair industry to repair vehicles that fail I/M tests.

(a) *Technical assistance.* The oversight agency shall provide the repair industry with information and assistance related to vehicle inspection diagnosis and repair.

(1) The agency shall regularly inform repair facilities of changes in the inspection program, training course schedules, common problems being found with particular engine families, diagnostic tips and the like.

(2) The agency shall provide a hot line service to assist repair technicians with specific repair problems, answer technical questions that arise in the repair process, and answer questions related to the legal requirements of State and Federal law with regard to emission control device tampering, engine switching, or similar issues.

(b) *Performance monitoring.* (1) In enhanced I/M program areas, the oversight agency shall monitor the performance of individual motor vehicle repair facilities, and provide to the public at the time of initial failure, a summary of the performance of local repair facilities that have repaired vehicles for retest. Performance monitoring shall include statistics on the number of vehicles submitted for a retest after repair by the repair facility, the percentage passing on first retest, the percentage requiring more than one repair/retest trip before passing, and the percentage receiving a waiver. Programs may provide motorists with alternative statistics that convey similar information on the relative ability of repair facilities in providing effective and convenient repair, in light of the age and other characteristics of vehicles presented for repair at each facility.

(2) Programs shall provide feedback, including statistical and qualitative information to individual repair facilities on a regular basis (at least annually) regarding their success in repairing failed vehicles.

(3) A prerequisite for a retest shall be a completed repair form that indicates

which repairs were performed, as well as any technician recommended repairs that were not performed, and identification of the facility that performed the repairs.

(c) *Repair technician training.* The State shall assess the availability of adequate repair technician training in the I/M area and, if the types of training described in paragraphs (c)(1) through (4) of this section are not currently available, shall insure that training is made available to all interested individuals in the community either through private or public facilities. This may involve working with local community colleges or vocational schools to add curricula to existing programs or start new programs or it might involve attracting private training providers to offer classes in the area. The training available shall include:

(1) Diagnosis and repair of malfunctions in computer controlled, close-loop vehicles;

(2) The application of emission control theory and diagnostic data to the diagnosis and repair of failures on the transient emission test and the evaporative system functional checks (where applicable);

(3) Utilization of diagnostic information on systematic or repeated failures observed in the transient emission test and the evaporative system functional checks (where applicable); and

(4) General training on the various subsystems related to engine emission control.

(d) *SIP requirements.* The SIP shall include a description of the technical assistance program to be implemented, a description of the procedures and criteria to be used in meeting the performance monitoring requirements of this section, and a description of the repair technician training resources available in the community.

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§ 51.370 Compliance with recall notices.

States shall establish methods to ensure that vehicles subject to enhanced I/M and that are included in either a

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“Voluntary Emissions Recall” as defined at 40 CFR 85.1902(d), or in a remedial plan determination made pursuant to section 207(c) of the Act, receive the required repairs. States shall require that owners of recalled vehicles have the necessary recall repairs completed, either in order to complete an annual or biennial inspection process or to obtain vehicle registration renewal. All recalls for which owner notification occurs after January 1, 1995 shall be included in the enhanced I/M recall requirement.

(a) *General requirements.* (1) The State shall have an electronic means to identify recalled vehicles based on lists of VINs with unresolved recalls made available by EPA, the vehicle manufacturers, or a third party supplier approved by the Administrator. The State shall update its list of unresolved recalls on a quarterly basis at a minimum.

(2) The State shall require owners or lessees of vehicles with unresolved recalls to show proof of compliance with recall notices in order to complete either the inspection or registration cycle.

(3) Compliance shall be required on the next registration or inspection date, allowing a reasonable period to comply, after notification of recall was received by the State.

(b) *Enforcement.* (1) A vehicle shall either fail inspection or be denied vehicle registration if the required recall repairs have not been completed.

(2) In the case of vehicles obtaining recall repairs but remaining on the updated list provided in paragraph (a)(1) of this section, the State shall have a means of verifying completion of the required repairs; electronic records or paper receipts provided by the authorized repair facility shall be required. The vehicle inspection or registration record shall be modified to include (or be supplemented with other VIN-linked records which include) the recall campaign number(s) and the date(s) repairs were performed. Documentation verifying required repairs shall include the following:

- (i) The VIN, make, and model year of the vehicle; and
- (ii) The recall campaign number and the date repairs were completed.

(c) *Reporting requirements.* The State shall submit to EPA, by July of each year for the previous calendar year, an annual report providing the following information:

(1) The number of vehicles in the I/M area initially listed as having unresolved recalls, segregated by recall campaign number;

(2) The number of recalled vehicles brought into compliance by owners;

(3) The number of listed vehicles with unresolved recalls that, as of the end of the calendar year, were not yet due for inspection or registration;

(4) The number of recalled vehicles still in non-compliance that have either failed inspection or been denied registration on the basis of non-compliance with recall; and

(5) The number of recalled vehicles that are otherwise not in compliance.

(d) *SIP submittals.* The SIP shall describe the procedures used to incorporate the vehicle lists provided in paragraph (a)(1) of this section into the inspection or registration database, the quality control methods used to insure that recall repairs are properly documented and tracked, and the method (inspection failure or registration denial) used to enforce the recall requirements.

§ 51.371 On-road testing.

On-road testing is defined as testing of vehicles for conditions impacting the emission of HC, CO, NO_x and/or CO₂ emissions on any road or roadside in the nonattainment area or the I/M program area. On-road testing is required in enhanced I/M areas and is an option for basic I/M areas.

(a) *General requirements.* (1) On-road testing is to be part of the emission testing system, but is to be a complement to testing otherwise required.

(2) On-road testing is not required in every season or on every vehicle but shall evaluate the emission performance of 0.5% of the subject fleet statewide or 20,000 vehicles, whichever is less, per inspection cycle.

(3) The on-road testing program shall provide information about the performance of in-use vehicles, by measuring on-road emissions through the use of remote sensing devices or by assessing vehicle emission performance through