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(inspection failure or registration denial) used to enforce the recall requirements.

§ 51.371 On-road testing.

On-road testing is defined as the measurement 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, including any vehicles that may be subject to the follow-up inspection provisions of paragraph (a)(4) of this section, each inspection cycle.

(3) The on-road testing program shall provide information about the emission performance of in-use vehicles, by measuring on-road emissions through the use of remote sensing devices or roadside pullovers including tailpipe emission testing. The program shall collect, analyze and report on-road testing data.

(4) Owners of vehicles that have previously been through the normal periodic inspection and passed the final retest and found to be high emitters shall be notified that the vehicles are required to pass an out-of-cycle follow-up inspection; notification may be by mailing in the case of remote sensing on-road testing or through immediate notification if roadside pullovers are used.

(b) *SIP requirements.* (1) The SIP shall include a detailed description of the on-road testing program, including the types of testing, test limits and criteria, the number of vehicles (the percentage of the fleet) to be tested, the number of employees to be dedicated to the on-road testing effort, the methods for collecting, analyzing, utilizing, and reporting the results of on-road testing and, the portion of the program budget to be dedicated to on-road testing.

(2) The SIP shall include the legal authority necessary to implement the on-

road testing program, including the authority to enforce off-cycle inspection and repair requirements.

(3) Emission reduction credit for on-road testing programs shall be granted for a program designed to obtain significant emission reductions over and above those already predicted to be achieved by other aspects of the I/M program. The SIP shall include technical support for the claimed additional emission reductions.

§ 51.372 State Implementation Plan submissions.

(a) *SIP submittals.* The SIP shall address each of the elements covered in this subpart, including, but not limited to:

(1) A schedule of implementation of the program including interim milestones leading to mandatory testing. The milestones shall include, at a minimum:

(i) Passage of enabling statutory or other legal authority;

(ii) Proposal of draft regulations and promulgation of final regulations;

(iii) Issuance of final specifications and procedures;

(iv) Issuance of final Request for Proposals (if applicable);

(v) Licensing or certifications of stations and inspectors;

(vi) The date mandatory testing will begin for each model year to be covered by the program;

(vii) The date full-stringency cutpoints will take effect;

(viii) All other relevant dates;

(2) An analysis of emission level targets for the program using the most current EPA mobile source emission model or an alternative approved by the Administrator showing that the program meets the performance standard described in § 51.351 or § 51.352 of this subpart, as applicable;

(3) A description of the geographic coverage of the program, including ZIP codes if the program is not county-wide;

(4) A detailed discussion of each of the required design elements, including provisions for Federal facility compliance;

(5) Legal authority requiring or allowing implementation of the I/M program and providing either broad or specific authority to perform all required elements of the program;

(6) Legal authority for I/M program operation until such time as it is no longer necessary (i.e., until a Section 175 maintenance plan without an I/M program is approved by EPA);

(7) Implementing regulations, inter-agency agreements, and memoranda of understanding; and

(8) Evidence of adequate funding and resources to implement all aspects of the program.

(b) *Submittal schedule.* The SIP shall be submitted to EPA according to the following schedule—

(1) States shall submit a SIP revision by November 15, 1992 which includes the schedule required in paragraph (a)(1) of this section and a formal commitment from the Governor to the adoption and implementation of an I/M program meeting all requirements of this subpart.

(2) A SIP revision, including all necessary legal authority and the items specified in (a)(1) through (a)(8) of this section, shall be submitted no later than November 15, 1993.

(3) States shall revise SIPs as EPA develops further regulations. Revisions to incorporate on-board diagnostic checks in the I/M program shall be submitted by August 6, 1998.

(c) *Redesignation requests.* Any non-attainment area that EPA determines would otherwise qualify for redesignation from nonattainment to attainment shall receive full approval of a State Implementation Plan (SIP) submittal under Sections 182(a)(2)(B) or 182(b)(4) if the submittal contains the following elements:

(1) Legal authority to implement a basic I/M program (or enhanced if the State chooses to opt up) as required by this subpart. The legislative authority for an I/M program shall allow the adoption of implementing regulations without requiring further legislation.

(2) A request to place the I/M plan (if no I/M program is currently in place or if an I/M program has been terminated,) or the I/M upgrade (if the existing I/M program is to continue without being upgraded) into the contingency

measures portion of the maintenance plan upon redesignation.

(3) A contingency measure consisting of a commitment by the Governor or the Governor's designee to adopt or consider adopting regulations to implement an I/M program to correct a violation of the ozone or CO standard or other air quality problem, in accordance with the provisions of the maintenance plan.

(4) A contingency commitment that includes an enforceable schedule for adoption and implementation of the I/M program, and appropriate milestones. The schedule shall include the date for submission of a SIP meeting all of the requirements of this subpart. Schedule milestones shall be listed in months from the date EPA notifies the State that it is in violation of the ozone or CO standard or any earlier date specified in the State plan. Unless the State, in accordance with the provisions of the maintenance plan, chooses not to implement I/M, it must submit a SIP revision containing an I/M program no more than 18 months after notification by EPA.

(d) Basic areas continuing operation of I/M programs as part of their maintenance plan without implemented upgrades shall be assumed to be 80% as effective as an implemented, upgraded version of the same I/M program design, unless a State can demonstrate using operating information that the I/M program is more effective than the 80% level.

(e) *SIP submittals to correct violations.* SIP submissions required pursuant to a violation of the ambient ozone or CO standard (as discussed in paragraph (c) of this section) shall address all of the requirements of this subpart. The SIP shall demonstrate that performance standards in either § 51.351 or § 51.352 shall be met using an evaluation date (rounded to the nearest January for carbon monoxide and July for hydrocarbons) seven years after the date EPA notifies the State that it is in violation of the ozone or CO standard or any earlier date specified in the State plan. Emission standards for vehicles subject to an IM240 test may be phased in during the program but full standards must be in effect for at least one complete test cycle before the end of

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the 5-year period. All other requirements shall take effect within 24 months of the date EPA notifies the State that it is in violation of the ozone or CO standard or any earlier date specified in the State plan. The phase-in allowances of § 51.373(c) of this subpart shall not apply.

[57 FR 52987, Nov. 5, 1992, as amended at 60 FR 1738, Jan. 5, 1995; 60 FR 48036, Sept. 18, 1995; 61 FR 40946, Aug. 6, 1996; 61 FR 44119, Aug. 27, 1996]

§ 51.373 Implementation deadlines.

I/M programs shall be implemented as expeditiously as practicable.

(a) Decentralized basic programs shall be fully implemented by January 1, 1994, and centralized basic programs shall be fully implemented by July 1, 1994. More implementation time may be approved by the Administrator if an enhanced I/M program is implemented.

(b) For areas newly required to implement basic I/M after promulgation of this subpart (as a result of failure to attain, reclassification, or redesignation) decentralized programs shall be fully implemented within one year of obtaining legal authority. Centralized programs shall be fully implemented within two years of obtaining legal authority. More implementation time may be approved by the Administrator if an enhanced I/M program is implemented.

(c) All requirements related to enhanced I/M programs shall be implemented by January 1, 1995, with the following exceptions.

(1) Areas switching from an existing test-and-repair network to a test-only network may phase in the change between January of 1995 and January of 1996. Starting in January of 1995 at least 30% of the subject vehicles shall participate in the test-only system (in States with multiple I/M areas, implementation is not required in every area by January 1995 as long as statewide, 30% of the subject vehicles are involved in testing) and shall be subject to the new test procedures (including the evaporative system checks, visual inspections, and tailpipe emission tests). By January 1, 1996, all applicable vehicle model years and types shall be included in the test-only system. During the phase-in period, all requirements of

this subpart shall be applied to the test-only portion of the program; existing requirements may continue to apply for the test-and-repair portion of the program until it is phased out by January 1, 1996.

(2) Areas starting new test-only programs and those with existing test-only programs may also phase in the new test procedures between January 1, 1995 and January 1, 1996. Other program requirements shall be fully implemented by January 1, 1995.

(d) In the case of areas newly required to implement enhanced I/M after promulgation of this subpart (as a result of failure to attain, reclassification, or nonattainment designation) enhanced I/M shall be implemented within 24 months of obtaining legal authority.

(e) Legal authority for the implementing agency or agencies to implement and enforce an I/M program consistent with this subpart shall be obtained from the State legislature or local governing body in the first legislative session after November 5, 1992, or after being newly required to implement or upgrade an I/M program as in paragraph (b) or (c) of this section, including sessions already in progress if at least 21 days remain before the final bill submittal deadline.

(f) Areas that choose to implement an enhanced I/M program only meeting the requirements of § 51.351(h) shall fully implement the program no later than July 1, 1999. The availability and use of this late start date does not relieve the area of the obligation to meet the requirements of § 51.351(h)(11) by the end of 1999.

(g) On-Board Diagnostic checks shall be implemented in all basic, low enhanced and high enhanced areas as part of the I/M program by January 1, 2001.

[57 FR 52987, Nov. 5, 1992, as amended at 58 FR 59367, Nov. 9, 1993; 61 FR 39037, July 25, 1996; 61 FR 40946, Aug. 6, 1996; 63 FR 24433, May 4, 1998]

APPENDIX A TO SUBPART S—CALIBRATIONS, ADJUSTMENTS AND QUALITY CONTROL

(1) Steady-State Test Equipment

States may opt to use transient emission test equipment for steady-state tests and follow the quality control requirements in