

(v) Any modification that changes information displayed on the specification plate requires the installation of a supplemental specification plate, nameplate, or both containing the information that reflects the cargo tank as modified, stretched or rebarrelled. The plate must include the name of the person or facility doing the work, DOT registration number, date work is completed, retest information, and any other information that differs from the original plate. The supplemental plates must be installed immediately adjacent to the existing plate or plates.

(vi) On a variable specification cargo tank, install a supplemental or new variable specification plate, and replace the specification listed on the original specification plate with the words "see variable specification plate."

(4) A Registered Inspector must certify that the modified, stretched, or rebarrelled cargo tank conforms to the requirements of this section and the applicable specification by issuing a supplemental certificate of compliance. The registration number of the Registered Inspector must be entered on the certificate.

(e) *Mounting of cargo tanks.* Mounting a cargo tank on a cargo tank motor vehicle must be:

(1) Performed as required by paragraph (d)(2) of this section and certified by a Design Certifying Engineer if the mounting of a cargo tank on a motor vehicle chassis involves welding on the cargo tank head or shell or any change or modification of the methods of attachment; or

(2) In accordance with the original specification for attachment to the chassis or the specification for attachment to the chassis in effect at the time of the mounting, and performed under the supervision of a Registered Inspector if the mounting of a cargo tank on a motor vehicle chassis does not involve welding on the cargo tank head or shell or a change or modification of the methods of attachment.

(f) *Records.* Each owner of a cargo tank motor vehicle must retain at the owner's principal place of business all records of repair, modification, stretching, or rebarrelling, including notation of any tests conducted to verify the suitability of the repair, modification, stretching, or rebarrelling made to each cargo tank during the time the cargo tank motor vehicle is in service and for one year thereafter. Copies of these records must be retained by a motor carrier, if not the owner of the cargo tank motor vehicle, at its principal place of business during the

period the cargo tank motor vehicle is in the carrier's service.

■ 55. In § 180.415, paragraph (b) is revised to read as follows:

**§ 180.415 Test and inspection markings.**

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(b) Each cargo tank must be durably and legibly marked, in English, with the date (month and year) and the type of test or inspection performed, subject to the following provisions:

(1) The date must be readily identifiable with the applicable test or inspection.

(2) The markings must be in letters and numbers at least 32 mm (1.25 inches) high, near the specification plate or anywhere on the front head.

(3) The type of test or inspection may be abbreviated as follows:

- (i) V for external visual inspection and test;
- (ii) I for internal visual inspection;
- (iii) P for pressure test;
- (iv) L for lining inspection;
- (v) T for thickness test; and
- (vi) K for leakage test for a cargo tank tested under § 180.407, except § 180.407(h)(2); and
- (vii) K-EPA27 for a cargo tank tested under § 180.407(h)(2) after October 1, 2004.

*Examples to paragraph (b).* The markings "10-99 P, V, L" represent that in October 1999, a cargo tank passed the prescribed pressure test, external visual inspection and test, and the lining inspection. The markings "2-00 K-EPA" represent that in February 2000, a cargo tank passed the leakage test under § 180.407(h)(2). The markings "2-00 K, K-EPA" represent that in February 2000, a cargo tank passed the leakage test under both § 180.407(h)(1) and under EPA Method 27 under § 180.407(h)(2).

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■ 55. In § 180.417, paragraphs (b) and (d) are revised to read as follows:

**§ 180.417 Reporting and record retention requirements.**

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(b) *Test or inspection reporting.* Each person performing a test or inspection as specified in § 180.407 must prepare a written report, in English, in accordance with this paragraph.

(1) Each test or inspection report must include the following information:

- (i) Owner's and manufacturer's unique serial number for the cargo tank;
- (ii) Name of cargo tank manufacturer;
- (iii) Cargo tank DOT or MC specification number;
- (iv) MAWP of the cargo tank;
- (v) Minimum thickness of the cargo tank shell and heads;
- (vi) Indication of whether the cargo tank is lined, insulated, or both; and

(vii) Indication of special service of the cargo tank (e.g., transports material corrosive to the tank, dedicated service, etc.)

(2) Each test or inspection report must include the following specific information as appropriate for each individual type of test or inspection:

- (i) Type of test or inspection performed;
  - (ii) Date of test or inspection (month and year);
  - (iii) Listing of all items tested or inspected, including information about pressure relief devices that are removed, inspected and tested or replaced, when applicable (type of device, set to discharge pressure, pressure at which device opened, pressure at which device re-seated, and a statement of disposition of the device (e.g., reinstalled, repaired, or replaced)); information regarding the inspection of upper coupler assemblies, when applicable (visually examined in place, or removed for examination); and, information regarding leakage and pressure testing, when applicable (pneumatic or hydrostatic testing method, identification of the fluid used for the test, test pressure, and holding time of test);
  - (iv) Location of defects found and method of repair;
  - (v) ASME or National Board number of person performing repairs, if applicable;
  - (vi) Name and address of person performing test;
  - (vii) Registration number of the facility or person performing the test;
  - (viii) Continued qualification statement, such as "A cargo tank meets the requirements of the DOT-specification identified on this report" or "cargo tank fails to meet the requirements of the DOT-specification identified on this report";
  - (ix) DOT registration number of the registered inspector; and
  - (x) Dated signature of the registered inspector and the cargo tank owner.
- (3) The owner and the motor carrier, if not the owner, must each retain a copy of the test and inspection reports until the next test or inspection of the same type is successfully completed. This requirement does not apply to a motor carrier leasing a cargo tank for fewer than 30 days.
- (c) \* \* \*
- (d) *Supplying certificates and reports.* Each person offering a DOT-specification cargo tank for sale or lease must provide the purchaser or lessee a copy of the cargo tank certificate of compliance, records of repair, modification, stretching, or rebarrelling; and the most recent inspection and test reports made under this section. Copies