



DEPARTMENT OF TRANSPORTATION
HAZARDOUS MATERIALS REGULATIONS BOARD
WASHINGTON, D.C. 20590

7700

Title 49—TRANSPORTATION

**Chapter I—Hazardous Materials
Regulations Board, Department of
Transportation**

[Docket No. HM-35; Amdt. 173-26]

PART 173—SHIPPERS

**Flammable Liquids in MC 330 and MC
331 Cargo Tanks; Emergency Dis-
charge Controls for Cargo Tanks**

The purpose of this amendment to the Hazardous Materials Regulations of the Department of Transportation is to (1) authorize specification MC 330 and MC 331 cargo tanks for the transportation of certain flammable liquids; (2) require the bottom outlets on MC 330 and MC 331 cargo tanks currently prescribed in §§ 173.123, 173.134, 173.136, and 173.141 to be equipped with valves conforming with § 178.337-11, and (3) require bottom outlets on MC 304 cargo tanks in flammable liquid service to be equipped with valves conforming with § 178.342-5(a) (specification MC 307).

October 9, 1969, the Hazardous Materials Regulations Board published a notice of proposed rule making, Docket No. HM-35; Notice No. 69-28 (34 F.R. 15660) which proposed the amendment of 49 CFR §§ 173.119, 173.123, 173.124, 173.135, 173.136, 173.141, and 173.148 corresponding to the changes adopted here.

Interested persons were afforded an opportunity to participate in this rule making. Of the comments received no objection was taken to the proposal.

Accordingly, 49 CFR Part 173 is amended as follows:

In § 173.119 paragraphs (a)(17), (e)(3), and (f)(5) are amended to read as follows:

§ 173.119 Flammable liquids not specifically provided for.

(a) * * *
(17) Specification MC 300, MC 301, MC 302, MC 303, MC 304, MC 305, MC 306, MC 307, MC 330,¹ or MC 331¹ (§§ 178.340, 178.341, 178.342, 178.337). Tank motor vehicles. Bottom outlets on specification MC 304 cargo tanks must be equipped with valves conforming with § 178.342-5(a). Bottom outlets on specifications MC 330 and MC 331 cargo tanks must be equipped with valves conforming with § 178.337-11(c).

* * * * *

(e) * * *
(3) Specification MC 300, MC 301, MC 302, MC 303, MC 304, MC 305, MC 306, MC 307, MC 330,¹ or MC 331¹ (§§ 178.340, 178.341, 178.342, 178.337). Tank motor vehicles. Bottom outlets on specification MC 304 cargo tanks must be equipped with valves conforming with § 178.342-5(a). Bottom outlets on specifications MC 330 and MC 331 cargo tanks must be equipped with valves conforming with § 178.337-11(c).

* * * * *

(f) * * *
(5) Specification MC 304, MC 307, MC 330,¹ or MC 331¹ (§§ 178.340, 178.342, 178.337). Tank motor vehicles. Bottom outlets on specification MC 304 cargo tanks must be equipped with valves conforming with § 178.342-5(a). Bottom outlets on specifications MC 330 and MC 331 cargo tanks must be equipped with valves conforming with § 178.337-11(c).

In § 173.123 paragraph (a)(6) is amended to read as follows:

§ 173.123 Ethyl chloride.

(a) * * *
(6) Specification MC 330 or MC 331 (§ 178.337). Tank motor vehicles. Tank bottom outlets must be equipped with valves conforming with § 178.337-11(c).

In § 173.134 paragraph (a)(6) is amended to read as follows:

§ 173.134 Pyroforic liquids, n.o.s.

(a) * * *
(6) Specification MC 330 or MC 331 (§ 178.337). Tank motor vehicles having a minimum design pressure of 175 p.s.i. Safety relief devices must communicate with the vapor space when tanks are fully loaded. Tank bottom outlets must be equipped with valves conforming with § 178.337-11(c).

In § 173.135 paragraph (a)(9) is amended to read as follows:

§ 173.135 Dimethyl dichlorosilane, ethyl dichlorosilane, ethyl trichlorosilane, methyl trichlorosilane, trimethyl chlorosilane, and vinyl trichlorosilane.

¹ In addition to other requirements of this section, necessary interior cleaning of the tanks must be performed between changes in lading. Safety relief devices must be in accordance with specification MC 331 (§ 178.337).

(a) * * *
(9) Specification MC 300, MC 303, MC 304, MC 306, or MC 307 (§§ 178.340, 178.341, 178.342). Tank motor vehicles having cargo tanks of steel or stainless steel construction. Tank bottom outlets must be equipped with valves conforming with § 178.342-5(a).

In § 173.136 paragraph (a)(8) is amended to read as follows:

§ 173.136 Methyl dichlorosilane and trichlorosilane.

(a) * * *
(8) Specification MC 330 or MC 331 (§ 178.337). Tank motor vehicles. Tank bottom outlets must be equipped with valves conforming with § 178.337-11(c).

In § 173.141 paragraph (a)(8) is amended to read as follows:

§ 173.141 Amyl mercaptan, butyl mercaptan, ethyl mercaptan, isopropyl mercaptan, propyl mercaptan, and aliphatic mercaptan mixtures.

(a) * * *
(8) Specification MC 330 or MC 331 (§ 178.337). Tank motor vehicles. Tank bottom outlets must be equipped with valves conforming with § 178.337-11(c).

In § 173.148 paragraph (a)(5) is amended to read as follows:

§ 173.148 Monoethylamine.

(a) * * *
(5) Specification MC 304 or MC 307 (§§ 178.340, 178.342). Tank motor vehicles. Tank bottom outlets must be equipped with valves conforming with § 178.342-5(a).

This amendment is effective September 1, 1970. However, compliance with the regulations as amended herein is authorized immediately.

This amendment is made under the authority of sections 831-835 of title 18, United States Code, and section 9 of the Department of Transportation Act (49 U.S.C. 1657).

Issued in Washington, D.C., on May 13, 1970.

W. J. SMITH,
Admiral, U.S. Coast Guard,
Commandant.

F. C. TURNER,
Administrator,
Federal Highway Administration.