U.S. Department
of Transportation

**Research and
Special Programs
Administration**

400 Seventh Street, S.W.
Washington, D.C. 20590

FEB 16 1988

DOT-E 8269
(FOURTH REVISION)

1. Fort Worth Fabrication, Inc. (formerly M-D Trailer Company), Fort Worth, Texas is hereby granted an exemption from certain provisions of this Department's Hazardous Materials Regulations to manufacture, mark, and sell certain non-DOT specification cargo tanks as described in paragraph 7 below for use in the transportation of the hazardous materials described in paragraph 3 below in commerce subject to the requirements specified herein. This exemption authorizes use of a non-DOT specification cargo tank, and provides no relief from any regulation other than specifically stated.

2. BASIS. This exemption is based on Fort Worth Fabrication, Inc.'s application dated November 20, 1987, submitted in accordance with 49 CFR 107.105 and the public proceeding thereon.

3. HAZARDOUS MATERIALS (Descriptor and class). Liquid and semi-solid waste material, including mixtures, compatible with the packaging, containing flammable liquids or corrosives or poison B materials, or combinations thereof, classed as flammable liquid, corrosive material or poison B as appropriate.

4. PROPER SHIPPING NAME (49 CFR 172.101). Specific commodity name, or generic description, as appropriate.

5. REGULATION AFFECTED. 49 CFR 173.119(a) and (m), 173.245(a), 173.346(a), 178.340-7, 178.342-5, 178.343-5.

6. MODES OF TRANSPORTATION AUTHORIZED. Motor vehicle.

7. SAFETY CONTROL MEASURES. Packaging prescribed is a non-DOT specification cargo tank designed and constructed in full compliance with DOT Specification MC-307 or MC-312 (49 CFR 178.340, 178.342, 178.343) except as follows:

a. The cargo tank must be designed, built and certified in accordance with Section VIII of the ASME Code to a minimum design pressure as follows and must be stamped for both internal and external pressure ratings:

Basic Cargo Tank Specification	Design Pressure (psig) Internal (See Note 1)	External (See Note 2)	Minimum Test Press. (psig)
MC 307	25	15	37.5
MC 312	25	15	37.5

Note 1: The design pressure must be at least equal to the maximum pressure used for unloading.

Note 2: Vacuum tanks must have an external design pressure of at least 15 psi.

b. Circumferential reinforcement must comply with 49 CFR 178.340-7 except the maximum unreinforced portion of the shell may exceed 60-inches provided thickness and tensile strength of the shell material in combination with the frame and circumferential reinforcement produces structural integrity at least equal to that prescribed in 49 CFR 178.340-4(b).

c. In place of internal valves prescribed in 49 CFR 178.342-5(a) and 178.343-5(b), each tank may be equipped with one 6-inch maximum diameter bottom outlet with remote closure with self closing gate, plug or butterfly valve and one optional 4-inch maximum diameter bottom inlet with gate, plug or butterfly valve located near the rear of tank in accordance with Drawing 2717 on file with the Office of Hazardous Materials Transportation (OHMT). Each bottom outlet and each bottom inlet must be equipped with an additional shut-off valve, or a blank flange or a sealing cap.

d. The metal identification plate and the manufacturer's certificate must not be marked to indicate compliance with DOT MC-307 or MC-312 specifications but, instead, must bear reference to DOT-E 8269.

e. Tanks that are to be used in transporting flammable waste materials must be equipped with a spring loaded relief valve.

8. SPECIAL PROVISIONS.

a. Shippers may use the packaging covered by this exemption pursuant to 49 CFR 173.22a.

b. A copy of this exemption must be carried aboard each motor vehicle used to transport packages covered by this exemption.

c. Each cargo tank must be reinspected and retested once every two years in accordance with 49 CFR 177.824 as prescribed for DOT Specification MC-307 or MC 312 cargo tanks, as appropriate, at one and one-half times the design pressure.

d. Each cargo tank must be plainly marked on the right side near the front, in letters at least two inches high on a contrasting background, "DOT-E 8269."

e. The Manufacturer's Data Report for the first cargo tank fabricated must be submitted to the OHMT prior to initial shipment.

f. The 43 trailers identified by serial numbers on file with OHMT built between December 1979 and July 1981 in accordance with paragraph 7 above but not stamped with the ASME Code "U" stamp may continue to be used under this exemption.

g. No new construction of the cargo tanks described herein is authorized after December 31, 1987.

9. REPORTING REQUIREMENTS. Any incident involving loss of contents of the package or cargo tank rollover must be reported to the OHMT as soon as practicable.

10. EXPIRATION DATE. November 1, 1989.

Issued at Washington, D.C.:

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Alan I. Roberts
Director
Office of Hazardous Materials Transportation

(DATE)

Address all inquiries to: Director, Office of Hazardous Materials Transportation, Research and Special Programs Administration, U.S. Department of Transportation, Washington, D.C. 20590. Attention: Exemptions Branch.

Dist: FHWA.