U.S. Department of Transportation
Research and Special Programs Administration

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

FEB 16 2000

DOT-E 6694
(SIXTH REVISION)

EXPIRATION DATE: January 31, 2002

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Arbel-Fauvet, Paris France
(U.S. Agent: Mary Hoyt-Joyce, Washington, DC)

2. PURPOSE AND LIMITATION: This exemption authorizes the transportation in commerce of certain non-flammable and flammable, liquified gases in non-DOT specification IMO 5 portable tanks. This exemption provides no relief from the Hazardous Materials Regulations (HMR) other than as specifically stated herein.

3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.

4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 173.315(a) in that a non-DOT specification portable tank is authorized.

5. BASIS: This exemption is based on the application of Arbel-Fauvet-Rail dated February 21, 1999, submitted in accordance with § 107.109.

6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Proper Shipping Name/ Hazardous Materials Description	Hazard Class/ Division	Identi-fication Number	Packing Group
1-Chloro-1, 1-difluorethane *or* Refrigerant gas, R 142b	2.1	UN2517	N/A
Dichlorodifluoromethane *or* Refrigerant gas, R 12	2.2	UN1028	N/A
1,1, 1, 2-Tetrafluoroethane *or* Refrigerant gas, R 134a	2.2	UN3159	N/A

7. SAFETY CONTROL MEASURES:

a. PACKAGING - Packaging prescribed is a non-DOT specification portable tank, mounted in ISO frame, designed and constructed in accordance with Fauvet Girel drawings Co-165005 Bis A, Co-165001 B, Co-165002 B, Co-165003, Co-165010 A, Co-165013, Co-165018, Co-165019 and Co-165041 and technical specifications and calculations on file with the Office of Hazardous Materials Exemptions and Approvals (OHMEA). In addition, each tank must be in compliance with the following:

(1) Code--Complies with Section VIII of the ASME Code but not certified; IMO Type 5.

(2) Insulation - None.

(3) Water Capacity (U.S. Gallons) - 3,590.

(4) Material - Carbon steel with 82,360 tensile strength.

(5) Tank Size (inches) -

(outside dia)	X (length)	X (thickness)
70.2	235.5	0.472

Head Thickness - 0.547
Weld Joint Efficiency - 100%

(6) Design Pressure (PSIG) - 232.
Note: Design pressure means "maximum allowable working pressure (MAWP)" as used in the ASME Code.

(7) Openings - One 18 inch diameter manhole and one pressure relief device opening on top; no bottom openings.

(8) Tank surface area (square feet) - 472.

(9) Pressure Relief Devices -
Four (4) - 1 1/4 inch diameter spring loaded safety relief valves outboard of and in series with one(1) - 3 inch diameter rupture disc all set at 232 psig. Total relief device capacity is 12,800 SCFM.

(10) G-Loadings: Vertical down 2; Vertical up 1; Longitudinal 1; and Transverse 1.

(11) Maximum Gross Weight - 44,800 pounds.

b. TESTING -

1. Hydrostatic test certificates for each tank must be maintained by the owner or manufacturer at its principal business office and be made available to any representative of the DOT upon request.

2. Each tank must be (a) visually inspected prior to each trip to insure that it has not been damaged on the previous trip; and (b) be retested and reinspected in accordance with the provisions of § 173.32b except the use of an approval agency is not required.

c. OPERATIONAL CONTROLS -

1. Each portable tank must be plainly marked on both sides near the middle, in letters at least two inches high on a contrasting background, "DOT-E 6694".

2. The tank must be filled in accordance with the provisions of § 173.315.

3. DOT-E 6694 must be stamped on the metal manufacturer's data plate on the line which reads "D.O.T. Specification No.".

8. SPECIAL PROVISIONS:

a. A person who is not a holder of this exemption who receives a package covered by this exemption may reoffer it for transportation provided no modifications or changes are made to the package and it is reoffered for transportation in conformance with this exemption and the HMR.

b. A current copy of this exemption must be maintained at each facility where the package is offered or reoffered for transportation.

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle, rail freight and cargo vessel.

10. MODAL REQUIREMENTS:

a. A current copy of this exemption must be carried aboard each cargo vessel used to transport packages covered by this exemption.

b. Portable tanks may not be transported in container-on-flat car (COFC) or trailer-on-flat car (TOFC) service except under conditions approved by the Associate Administrator for Safety, Federal Railroad Administration.

11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this exemption and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq:

- All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
- Registration required by § 107.601 et seq., when applicable.

Each "Hazmat employee", as defined in § 171.8, who performs a function subject to this exemption must receive training on the requirements and conditions of this exemption in addition to the training required by §§ 172.700 through 172.704.

No person may use or apply this exemption, including display of its number, when this exemption has expired or is otherwise no longer in effect.

12. REPORTING REQUIREMENTS:

a. The holder of this exemption, as identified in paragraph 1 above, must contact the OHMEA immediately after any of the tanks covered by this exemption are sold to another party.

b. The carrier is required to report any incident involving loss of packaging contents or packaging failure to the Associate Administrator for Hazardous Materials Safety (AAHMS) as soon as practicable. (Sections 171.15 and 171.16 apply to any activity undertaken under the authority of this exemption.) In addition, the holder(s) of this exemption must inform the AAHMS, in writing, of any incident involving the package and shipments made under the terms of this exemption.

Issued in Washington, D.C.:

For Robert A. McGuire
Acting Associate Administrator for
Hazardous Materials Safety

FEB 16 2000
(DATE)

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Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Research and Special Programs Administration, Department of Transportation, Washington, D.C. 20590. Attention: DHM-31.

The original of this exemption is on file at the above office. Photo reproductions and legible reductions of this exemption are permitted. Any alteration of this exemption is prohibited.

Copies of exemptions may be obtained from the AAHMS, U.S. Department of Transportation, 400 7th Street, S.W., Washington, DC 20590-0001, Attention: Records Center, 202-366-5046.

Dist: FHWA FRA, USCG
PO: sln00

FEB 16 2000

The following are hereby granted party status to this exemption based on their application(s) submitted in accordance with § 107.107 or § 107.109, as appropriate:

Company Name City/State	Application Date	Issue Date	Expiration Date
C.C.R. Cie Des Containers Reserviors Paris, France (U.S. Agent: ERMEWA, Inc., Houston, TX)	Feb 4, 1999	FEB 16 2000	Jan 31, 2002

For Robert A. McGuire
Acting Associate Administrator for
Hazardous Materials Safety