



U.S. Department
of Transportation

**Pipeline and Hazardous
Materials Safety
Administration**

January 30, 2024

1200 New Jersey Avenue, SE
Washington, DC 20590

**DOT-SP 21379
(FIRST REVISION)**

(FOR RENEWAL, SEE 49 CFR 107.109)

1. **GRANTEE:** (See individual authorization letter)
2. **PURPOSE AND LIMITATION:**
 - a. This special permit authorizes the transportation in commerce of refrigerating machines or components thereof containing up to 5,000 pounds of gases meeting the criteria of the United Nations Globally Harmonized System (GHS) of Classification and Labelling of Chemicals (Seventh Revised Edition) Category 1B or equivalent American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) A2L refrigerant gases in accordance with existing provisions applicable to refrigerating machines or components thereof containing Group A1 refrigerant gases specified in § 173.306(e)(1) for new (unused) refrigerating machines or components thereof and § 173.306(e)(2) for reconditioned (used) refrigerating machines. This special permit provides no relief from the Hazardous Materials Regulations (HMR) other than as specifically stated herein. The most recent revision supersedes all previous revisions.
 - b. The safety analyses performed in the development of this special permit only considered the hazards and risks associated with the transportation in commerce.
 - c. Unless otherwise stated herein, this special permit consists of the special permit authorization letter issued to the grantee together with this document.
3. **REGULATORY SYSTEM AFFECTED:** 49 CFR Parts 106, 107 and 171-180.
4. **REGULATIONS FROM WHICH EXEMPTED:** 49 CFR § 173.306(e)(1) and (2), in that the weight requirement for non-Group A1 or non-Group 1 are exceeded as specified herein.
5. **BASIS:** This special permit is based on the application of Trane U.S. Inc. dated December 22, 2023, submitted in accordance with § 107.117 and the determination that it is necessary to prevent significant economic loss.

Tracking Number: 2023125288

6. HAZARDOUS MATERIALS (49 CFR 172.101):

Hazardous Materials Description			
Proper Shipping Name	Hazard Class/ Division	Identification Number	Packing Group
Refrigerating machines, <i>containing flammable, non-toxic, liquefied gas*</i>	2.1	UN3358	N/A

*Gases authorized for transportation under this special permit must meet the criteria of the United Nations Globally Harmonized System (GHS) of Classification and Labelling of Chemicals (Seventh Revised Edition) Category 1B or equivalent American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) A2L.

7. SAFETY CONTROL MEASURES:a. PACKAGING: The prescribed packagings are:

(1) New (unused) refrigerating machines or components thereof meeting the requirement of 49 CFR 173.306(e)(1), except that:

- (i) Each pressure vessel must not contain more than 5,000 pounds of GHS Category 1B or equivalent ASHRAE A2L refrigerant in a single machine; and
- (ii) Machines or components having two or more charged vessels may not contain an aggregate of more than 2,000 pounds of GHS Category 1B or equivalent ASHRAE A2L refrigerant.

(2) Reconditioned (used) refrigerating machines meeting the requirements of 49 CFR 173.306(e)(2), except that:

- (i) Each pressure vessel must not contain more than 5,000 pounds of GHS Category 1B or equivalent ASHRAE A2L refrigerant in a single machine; and
- (ii) Machines having two or more charged vessels may not contain an aggregate of more than 2,000 pounds of GHS Category 1B or equivalent ASHRAE A2L refrigerant.

b. OPERATIONAL CONTROLS:

(1) The new (unused) refrigerating machines or components thereof specified in paragraph 7.a.(1) may be transported by motor vehicle and rail freight in accordance with the existing provisions applicable to refrigerating machines or components thereof containing Group A1 refrigerant gases specified in § 173.306(e)(1). Additionally, each new (unused) refrigerating machine or component thereof must be transported:

- (i) On a motor vehicle utilizing an open flat-bed trailer;
- (ii) On an open flat-bed rail car; or
- (iii) In a well-ventilated closed transport vehicle (such as a trailer or rail car).

(2) The reconditioned (used) refrigerating machines specified in paragraph 7.a.(2) may be transported by motor vehicle in accordance with the existing provisions applicable to refrigerating machines containing Group A1 refrigerant gases specified in § 173.306(e)(2). Additionally, each reconditioned (used) refrigerating machine must be transported:

- (i) On a motor vehicle utilizing an open flat-bed trailer; or
- (ii) In a well-ventilated closed transport vehicle (such as a trailer).

(3) Each refrigerating machine or component thereof under the terms of this special permit must be marked on each side and each end with the identification number marking in accordance with the requirements of § 172.302.

(4) For a refrigerating machine or component thereof contained in or on a transport vehicle or rail car, if the identification number marking on the refrigerating machine or component thereof in accordance with § 172.302(a) is not visible, the transport vehicle or rail car must be marked as required by § 172.332 on each side and each end with the identification number.

8. SPECIAL PROVISIONS:

a. A person who is not a holder of this special permit who receives a package covered by this special permit may reoffer it for transportation provided no modification or change is made to the package and it is reoffered for transportation in conformance with this special permit and the HMR.

- b. A current copy of this special permit must be maintained at each facility where the package is offered or reoffered for transportation.
- 9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle and rail freight. Only new (unused) refrigerating machines or components thereof may be transported by rail freight.
- 10. MODAL REQUIREMENTS: A current copy of this special permit must be carried aboard each motor vehicle used to transport packages covered by this special permit.
- 11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this special permit and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq.:
 - o All terms and conditions prescribed in this special permit and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
 - o Persons operating under the terms of this special permit must comply with the security plan requirement in Subpart I of Part 172 of the HMR, when applicable.
 - o Registration required by § 107.601 et seq., when applicable.

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

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

Under Title VII of the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU) —“The Hazardous Materials Safety and Security Reauthorization Act of 2005” (Pub. L. 109-59), 119 Stat. 1144 (August 10, 2005), amended the Federal hazardous materials transportation law by changing the term “exemption” to “special permit” and authorizes a special permit to be granted up to two years for new special permits and up to four years for renewals.

- 12. REPORTING REQUIREMENTS: Shipments or operations conducted under this special permit are subject to the Hazardous Materials Incident Reporting requirements specified in 49 CFR §§ 171.15 - Immediate notice of certain hazardous materials incidents, and 171.16 - Detailed hazardous materials incident reports. In addition, the grantee(s) of this

special permit must notify the Associate Administrator for Hazardous Materials Safety, in writing, of any incident involving a package, shipment or operation conducted under terms of this special permit.

Issued in Washington, D.C.:

A handwritten signature in blue ink, appearing to read "William Schoonover".

for William Schoonover
Associate Administrator for Hazardous Materials Safety

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Pipeline and Hazardous Material Safety Administration, U.S. Department of Transportation, East Building PHH-13, 1200 New Jersey Avenue, Southeast, Washington, D.C. 20590.

Copies of this special permit may be obtained by accessing the Hazardous Materials Safety Homepage at <https://www.phmsa.dot.gov/approvals-and-permits/hazmat/special-permits-search>. Photo reproductions and legible reductions of this special permit are permitted. Any alteration of this special permit is prohibited.

PO: TG/NICKS