



U.S. Department
of Transportation

**Pipeline and Hazardous
Materials Safety
Administration**

March 12, 2024

1200 New Jersey Avenue, SE
Washington, DC 20590

DOT-SP 21418

EXPIRATION DATE: 2026-02-28

(FOR RENEWAL, SEE 49 CFR 107.109)

1. GRANTEE: Kronebusch Industries LLC
dba AKE Safety Equipment
Rochester, MN
2. PURPOSE AND LIMITATION:
 - a. This special permit authorizes the transportation in commerce of non-specification inside containers exceeding 1 L in capacity and three (3) inches in diameter containing a liquefied compressed gas as fire extinguishers. 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. No party status will be granted to this special permit.
3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 172.203(a) in that each shipping paper need not bear the special permit number; and § 173.309(b) in that a non-specification inside container is authorized, as provided herein.
5. BASIS: This special permit is based on the application of Kronebusch Industries LLC dba AKE Safety Equipment dated July 21, 2022, submitted in accordance with § 107.105 and the public proceeding thereon and additional information dated May 17, 2023.

Tracking Number: 2023054792

6. HAZARDOUS MATERIALS (49 CFR 172.101):

| Hazardous Materials Description | | | |
|--|---------------------------|-----------------------|---------------|
| Proper Shipping Name | Hazard Class/ Division | Identification Number | Packing Group |
| Fire extinguishers <i>containing compressed or liquefied gas</i> | 2.2 | UN1044 | N/A |

7. SAFETY CONTROL MEASURES:

a. PACKAGING: Packagings prescribed are non-specification inside containers containing liquefied gas Bromochlorodifluoromethane (Halon 1211). Containers used in AKE Safety Equipment extinguisher models BFP0260 must have been manufactured for Kronebusch Industries, LLC dba AKE Safety Equipment in accordance with AKE Safety Equipment drawings on file with the Office of Hazardous Materials Safety (OHMS). Fire extinguishers must be actively certified to Underwriters Laboratories to the UL 711 and/or 1093 standards. The containers must meet all requirements for DOT specification 2Q nonrefillable containers in § 178.33a except that the capacity exceeds the limit of 1 L and the maximum inside diameter exceeds the limit of three (3) inches. The maximum capacity for prescribed inside containers is 72.1 cubic inches (1,182 mL) and the maximum inside diameter is 3.025 inches. The maximum service pressure is 110 psig and the minimum test pressure is 330 psig. Fire extinguishers shall be packaged in a non-bulk strong outer packaging. The outside of the combination packaging must be marked with an indication that the inner packagings conform to DOT-SP 21418.

b. TESTING:

(1) Inside containers must be tested in accordance with the requirements of § 173.309(c) and the information submitted with the application for the special permit on file with OHMS.

(2) Containers must be tested in accordance with § 178.33a-8 except that one container out of each lot of 2,400 containers or fewer, randomly selected, must be burst tested with a minimum burst pressure of 660 psig. If the container bursts at less than 660 psig, 10 additional containers must be burst tested. If any of these containers burst at less than 660 psig, the entire lot must be discarded.

c. OPERATIONAL CONTROLS:

- (1) Pressure in the container must not exceed 110 psig at 70 °F or 330 psig at 130 °F.
- (2) The liquid portion of the gas plus any additional liquid or solid shall not completely fill the packaging at 55 °C (130 °F).
- (3) Containers manufactured prior to the issuance of this special permit are authorized to be transported under the terms of this special permit.
- (4) Containers are not authorized for refilling and shall be marked “NRC”.

8. SPECIAL PROVISIONS:

- a. In accordance with the provisions of Paragraph (b) of § 173.22a, persons may use the packaging authorized by this special permit for the transportation of the hazardous materials specified in paragraph 6, only in conformance with the terms of this special permit.
- b. 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.
- c. A current copy of this special permit must be maintained at each facility where the package is offered or reoffered for transportation.
- d. The outer packaging containing a fire extinguisher(s) must be marked with the special permit number in accordance with § 172.301(c). The fire extinguisher(s) need not be marked with the special permit number.

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle, rail freight, cargo vessel, passenger-carrying aircraft, and cargo aircraft.

10. MODAL REQUIREMENTS: A current copy of this special permit must be carried aboard each cargo vessel, aircraft, or motor vehicle used to transport packages covered by this special permit. The shipper must furnish a copy of this special permit to the air carrier before or at the time the shipment is tendered.

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.:



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: BENMOORE