

April 09, 2021



U.S. Department  
of Transportation

East Building, PHH-30  
1200 New Jersey Avenue S.E.  
Washington, D.C. 20590

**Pipeline and Hazardous  
Materials Safety Administration**

DOT-SP 21128  
(FIRST REVISION)

**EXPIRATION DATE: 2025-02-28**

(FOR RENEWAL, SEE 49 CFR 107.109)

1. GRANTEE: Department of Defense US Army Military Surface  
Deployment & Distribution Command  
Scott AFB, IL
2. PURPOSE AND LIMITATIONS:
  - a. This special permit authorizes the transportation in commerce of certain ISO 11120 cylinders that are past their test date for requalification. 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 development of this special permit only considered the hazards and risks associated with transportation in commerce. The safety analyses did not consider the hazards and risks associated with consumer use, use as a component of a transport vehicle or other device, or other uses not associated with 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 § 180.207 in that cylinders past their test date may not be filled and offered for transportation, except as provided herein, and § 172.301(c) in that the marking requirements are waived.

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5. BASIS: This special permit is based on the application of Department of Defense US Army Military Surface Deployment & Distribution Command dated March 19, 2021, submitted in accordance with § 107.109.
6. HAZARDOUS MATERIALS (49 CFR 172.101):

Hazardous Material Description			
Proper Shipping Name	Hazard Class/ Division	Identi- fication Number	Packing Group
Helium, compressed	2.2	UN1046	N/A

7. SAFETY CONTROL MEASURES:

a. PACKAGING:

(1) Prescribed packagings are (FIBA) tube trailers containing ISO 11120 cylinders. There are 12 cylinders per tube trailer. The cylinders are in conformance with the requirements of DOT-SP 9847 granted to FIBA Technologies, Inc. DOT-SP 9847 authorizes a 10 year requalification period for ISO 11120 cylinders. The planned requalification dates of these cylinders may be extended by up to five years from the stamped requalification due date. Only a one-time five-year extension is granted. To extend requalification, each cylinder, including the cylinder neck and flange/sleeve must be subjected to an external visual inspection (without disassembly) in accordance with CGA Pamphlet C-6.

(2) DOD must record the results of the visual inspection for each cylinder or tube and submit the report to the Office of Hazardous Materials Safety Approvals and Permits Division (OHMSAPD) upon request.

- b. TESTING: Cylinders are retested and reinspected by Acoustic Emission & Follow-up Ultrasonic Examination (AE/UE) in accordance with DOT-SP 9847.

c. OPERATIONAL CONTROLS:

(1) Cylinders authorized for use under this special permit must be used by the DOD in support of national security at OCONUS locations.

(2) The maximum cycling (fillings) of each cylinder (tube) in a 10-year period must be fewer than or equal to 300 for ISO 11120 cylinders.

(3) The gas used must be dry and have a dew point at or below minus 52 °F at one atmosphere.

(4) Each tube (ISO 11120) that is authorized for use under the terms of this permit must undergo an internal visual inspection in accordance with CGA Pamphlet C-6 when the cylinder is requalified.

(5) All FIBA tube trailers deployed to OCUNUS locations must be tracked by serial number and requalification date. Visual inspections conducted for requalification extensions must be documented and maintained by DOD until requalification can be conducted by qualified personnel. The extended requalification date must be stamped on the trailer data plate.

8. SPECIAL PROVISIONS:

a. A person who is not a holder of this special permit, but 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 offered 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, cargo vessel, and cargo-only aircraft.

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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

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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 Materials Safety Administration, U.S. Department of Transportation, East Building PHH-30, 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: Andrew Eckenrode/kah