



U.S. Department
of Transportation

**Pipeline and Hazardous
Materials Safety
Administration**

March 19, 2025

1200 New Jersey Avenue, SE
Washington, DC 20590

DOT-SP 21864

EXPIRATION DATE: 2027-01-31

(FOR RENEWAL, SEE 49 CFR 107.109)

1. GRANTEE: Arrowhead Industrial Services (U.S.A), Inc.
Graham, NC
2. PURPOSE AND LIMITATION:
 - a. This special permit authorizes the transportation in commerce of certain pressure vessels containing Division 2.1 or 2.2 materials for the purpose of performing certain pressure relief device tests or qualification tests that cannot be performed at their current location. 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 173.301(f)(1) in that the cylinder is equipped with a pressure relief device(s) that has not been tested; or the design qualification testing of the applicable specification or standard has not been completed; the marking requirements specified in §§ 172.203(a) and 172.301(c) are waived.
5. BASIS: This special permit is based on the application of Arrowhead Industrial Services (U.S.A), Inc. dated September 24, 2024, and additional information submitted November 4, 2024, submitted in accordance with § 107.105 and the public proceeding thereon.

Tracking Number: 2024095169

6. HAZARDOUS MATERIALS (49 CFR 172.101):

Hazardous Materials Description			
Proper Shipping Name	Hazard Class/ Division	Identification Number	Packing Group
Division 2.1 and 2.2 materials that are authorized to be shipped in pressure vessels.	2.1, 2.2	As applicable	As applicable

7. SAFETY CONTROL MEASURES:

a. PACKAGING: Packagings prescribed are DOT or Transport Canada (TC) specification cylinders, active DOT special permit cylinders, UN/ISO pressure vessels or pressure vessels constructed to recognized standards as listed in Table -1 of Arrowhead Transportation SOP, AISI-TransportSP-001 on file with the Office of Hazardous Materials Safety (OHMS). The packagings meet all manufacturing, testing, inspection, and marking requirements of the applicable specifications or standards except that the cylinder may be equipped with a pressure relief device(s) that has not been tested in accordance with the provisions of § 173.301(f) or the cylinder design needs qualification testing as required by DOT/TC specifications, UN/ISO pressure vessel standards or active DOT Special Permits as applicable.

b. OPERATIONAL CONTROLS:

(1) Shipment of prescribed cylinders is authorized only from the Arrowhead Industrial Services Inc., USA laboratory and/or from a filling facility to a remote testing facility for the purpose of completing the required tests.

(2) Only hazmat approved dedicated carriers may be used to transport cylinders to the testing facility.

(3) Cylinders must be visually inspected per applicable Compressed Gas Association (CGA) standards prior to transportation. Cylinders that exhibit damage outside of tolerances allowed by CGA standards shall not be transported.

(4) Cylinders shall be fitted with appropriate valve protection to prevent damage to the valve in transportation or loss of contents as required by regulations.

(5) Cylinders must be shipped in racks or stands and properly secured for hazmat-shipment.

(6) Cylinders must be shipped in strong outside packaging in accordance with § 173.301(a)(9) as applicable.

(7) No more than six cylinders may be transported on each vehicle.

(8) The driver of the motor vehicle must have instructions on how to proceed if the vehicle is in an accident involving spilled fuel or fire.

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 or its contents 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 carried aboard each vehicle used to transport cylinders and maintained at each facility where the package is offered or reoffered for transportation.

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle

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.:



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: RS/TG