

March 31, 2016



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 15691
(FOURTH REVISION)

EXPIRATION DATE: June 30, 2019

1. GRANTEE: Department of Defense
Scotts AFB, IL
2. PURPOSE AND LIMITATIONS:
 - a. This special permit authorizes the transportation in commerce of certain cylinders manufactured under DOT-SP 9421 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 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 § 180.209 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.
5. BASIS: This special permit is based on the application of the Department of Defense dated January 8, 2016 submitted in accordance with § 107.105 and the public proceeding therein.

6. HAZARDOUS MATERIALS (49 CFR § 172.101):

| Hazardous Materials Description | | | |
|--|-------------------------------|------------------------------|----------------------|
| Proper Shipping Name | Hazard Class/ Division | Identification Number | Packing Group |
| Helium, compressed | 2.2 | UN1046 | N/A |

7. SAFETY CONTROL MEASURES:

a. PACKAGING - Packaging prescribed are high pressure cylinder assemblies (HPCA) containing cylinders manufactured under the terms of DOT-SP 9421. The HPCA have the following serial numbers and one-time extension of planned retest dates:

| Serial # | DOT-SP | Number of cylinders | Retest due | Planned retest |
|--------------|--------|---------------------|------------|----------------|
| DESCHPCA0006 | 9421 | 25 | 4/12 | 4/17 |
| DESCHPCA0009 | 9421 | 25 | 4/12 | 4/17 |
| DESCHPCA0018 | 9421 | 25 | 4/12 | 4/17 |
| DESCHPCA0021 | 9421 | 25 | 4/12 | 4/17 |
| DESCHPCA0025 | 9421 | 25 | 4/12 | 4/17 |
| DESCHPCA0028 | 9421 | 25 | 4/12 | 4/17 |
| DESCHPCA0048 | 9421 | 25 | 1/13 | 1/18 |
| DESCHPCA0049 | 9421 | 25 | 1/13 | 1/18 |
| DESCHPCA0050 | 9421 | 25 | 1/13 | 1/18 |
| DESCHPCA0051 | 9421 | 25 | 1/13 | 1/18 |
| DESCHPCA0052 | 9421 | 25 | 1/13 | 1/18 |

| Serial # | DOT-SP | Number of cylinders | Retest due | Planned retest |
|--------------|--------|---------------------|------------|----------------|
| DESCHPCA0056 | 9421 | 25 | 1/13 | 1/18 |
| DESCHPCA0060 | 9421 | 25 | 1/13 | 1/18 |
| DESCHPCA0062 | 9421 | 25 | 1/13 | 1/18 |
| DESCHPCA0063 | 9421 | 25 | 1/13 | 1/18 |
| DESCHPCA0068 | 9421 | 25 | 1/13 | 1/18 |
| DESCHPCA0069 | 9421 | 25 | 1/13 | 1/18 |
| DESCHPCA0071 | 9421 | 25 | 1/13 | 1/18 |
| DESCHPCA0072 | 9421 | 25 | 1/13 | 1/18 |
| DESCHPCA0073 | 9421 | 25 | 1/13 | 1/18 |
| DESCHPCA0076 | 9421 | 25 | 1/13 | 1/18 |
| DESCHPCA0077 | 9421 | 25 | 1/13 | 1/18 |
| DESCHPCA0080 | 9421 | 25 | 1/13 | 1/18 |
| DESCHPCA0081 | 9421 | 25 | 1/13 | 1/18 |
| DESCHPCA0083 | 9421 | 25 | 5/15 | 5/20 |
| DESCHPCA0084 | 9421 | 25 | 5/15 | 5/20 |
| DESCHPCA0090 | 9421 | 25 | 5/15 | 5/20 |
| DESCHPCA0091 | 9421 | 25 | 5/15 | 5/20 |
| DESCHPCA0102 | 9421 | 25 | 6/15 | 6/20 |
| DESCHPCA0103 | 9421 | 25 | 6/15 | 6/20 |
| DESCHPCA0105 | 9421 | 25 | 6/15 | 6/20 |
| DESCHPCA0106 | 9421 | 25 | 6/15 | 6/20 |

| Serial # | DOT-SP | Number of cylinders | Retest due | Planned retest |
|--------------|--------|---------------------|------------|----------------|
| DESCHPCA0107 | 9421 | 25 | 6/15 | 6/20 |
| DESCHPCA0110 | 9421 | 25 | 6/15 | 6/20 |

b. OPERATIONAL CONTROLS -

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

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

(3) Each HPCA (cylinder) must be thoroughly inspected by qualified technicians for serviceability prior to filling. Inspections must include cylinder body, valve, connecting lines and frame assembly. Any cylinder that has indications of external damage, e.g., surface corrosion, pitting, dents, cuts gouges etc., must be removed from the frame and inspected in accordance with CGA pamphlet C-6 to establish fitness for service. In addition, each cylinder must be leak checked and certified as safe for transport prior to being loaded as military air or surface cargo.

(4) Except for the one-time extension of retest date authorized under this special permit, the cylinder requalification must be in accordance with the conditions outlined in the special permit to which the cylinders are manufactured.

(5) The maximum cycling (fillings) of each cylinder in a 10 year period must be less than or equal to 300.

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 modifications or changes are 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.

c. MARKING - The marking requirements of § 172.301(c) are waived.

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle, rail freight, cargo vessel and cargo aircraft only.
10. MODAL REQUIREMENTS: A current copy of this special permit must be carried aboard each cargo vessel or aircraft used to transport packages covered by this special permit. The shipper must furnish a current 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 Dr. Magdy El-Sibaie
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-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 http://hazmat.dot.gov/sp_app/special_permits/spec_perm_index.htm Photo reproductions and legible reductions of this special permit are permitted. Any alteration of this special permit is prohibited.

PO: RS/SG