

June 24, 2015



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 15461
(THIRD REVISION)

EXPIRATION DATE: November 30, 2018

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Kidde Products
High Bentham, Nr Lancaster, UK
(US Agent: Kidde-Fenwal, Inc., Ashland, MA)
2. PURPOSE AND LIMITATION:
 - a. This special permit authorizes the transportation in commerce of certain Division 2.2 gases in non-DOT specification cylinders for the purpose of conducting testing in the United States. 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. The safety analyses did not consider the hazards and risks associated with 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 § 171.23 in that a filled cylinder manufactured to other than a DOT specification or a UN standard in accordance with Part 178 of HMR may not be transported to, from, or within the United States, except as specified herein.

5. BASIS: This special permit is based on the applications of Kidde Products dated December 4, 2014 submitted in accordance with § 107.109 and additional information dated June 3, 2015.
6. HAZARDOUS MATERIALS (49 CFR § 172.101):

| Hazardous Materials Description | | | |
|--|---------------------------|-------------------------------|------------------|
| Proper Shipping Name | Hazard Class/ Division | Identi- fication Number | Packing Group |
| Compressed gas, n.o.s. (Argonite - a mixture of 50% Argon and 50% Nitrogen) | 2.2 | UN1956 | N/A |
| Nitrogen, compressed | 2.2 | UN1066 | N/A |
| Compressed gas, n.o.s. (IG541, a mixture of 50% Nitrogen, 42% Argon, and 8% CO2) | 2.2 | UN1956 | N/A |
| Argon, compressed | 2.2 | UN1006 | N/A |

7. SAFETY CONTROL MEASURES:

a. PACKAGING - Packaging prescribed are non-DOT specification cylinders designed, manufactured, tested and inspected in accordance with either the ISO 9809-2 or the EN 1964-2 standard. The 15.9 L cylinders have a maximum filling pressure of 300 bar at 15°C (4351.1 psig at 59°F). The 80L cylinders have a maximum filling pressure of 330 bar at 15°C (4786.3 psig at 59°F). Each cylinder must have a test pressure of 450 bar (6526.7 psig). The cylinders are approved under the Transportable Pressure Equipment Directive (TPED) 1999/36/EC. The cylinder drawings, the authorized valves, and approval certificates of the Notified and Inspection bodies submitted with Kidde's application are on file with the Permits and Approvals Division.

June 24, 2015

b. OPERATIONAL CONTROLS -

(1) This special permit is not intended for general shipment but limited only to shipments to and from, FM Global, Underwriters Laboratories, Hughes Associates, Inc., and Kidde-Fenwal facilities in the United States for the purpose of equipment testing and certification.

(2) Each cylinder used under the terms of this special permit must be plainly marked "DOT-SP 15461". Alternatively, in lieu of stamp marking, a label bearing "DOT-SP 15461" may be affixed to the cylinder side wall near the shoulder region. Marking and/or labeling must be durable and legible for the period of use of this special permit.

(3) The shipment of cylinders authorized by this special permit must be in accordance with the applicable requirements in §§ 173.301, 173.301b and 173.302.

(4) Kidde must maintain all records of cylinders shipped under the terms of this permit and make them available to the Office of Hazardous Materials Special Permits and Approvals upon request.

c. REQUALIFICATION TESTING - Cylinders must be periodically requalified in accordance with the applicable requirements and procedures in Parts 4 and 6 of ADR/UN Model Regulations.

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, cargo vessel, and rail freight.

June 24, 2015

10. MODAL REQUIREMENTS: A current copy of this special permit must be carried aboard each cargo vessel or 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

June 24, 2015

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: Shafkey/kah