

July 25, 2019



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 14526  
(EIGHTH REVISION)

**EXPIRATION DATE: 2021-02-28**

(FOR RENEWAL, SEE 49 CFR 107.109)

1. GRANTEE: Kidde Technologies, Inc., dba Kidde Aerospace & Defense  
Wilson, NC
2. PURPOSE AND LIMITATION:
  - a. This special permit authorizes the transportation in commerce of a Division 2.2 compressed gas in non-refillable, non-DOT specification cylinders that are similar in design to DOT-39 and are used as components in military vehicles. 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 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 §§ 173.302 and 173.302a in that a non-DOT specification cylinder is not authorized, except as specified herein.

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5. BASIS: This special permit is based on the application of Kidde Aerospace dated May 20, 2019, submitted in accordance with § 107.117 and the determination it is necessary to prevent economic hardship.
6. HAZARDOUS MATERIALS (49 CFR 172.101):

<b>Hazardous Materials Description</b>			
<b>Proper Shipping Name</b>	<b>Hazard Class/ Division</b>	<b>Identification Number</b>	<b>Packing Group</b>
Compressed gas, n.o.s.	2.2	UN1956	N/A

The cylinders may be shipped equipped with actuating cartridges (Division 1.4C or 1.4S) installed in the discharge outlet without changing the classification of Division 2.2. The actuating cartridges must be approved by the Associate Administrator for Hazardous Materials Safety.

7. SAFETY CONTROL MEASURES:

- a. PACKAGING: Prescribed packaging is a non-refillable, non-DOT specification cylinder designed and manufactured in accordance with drawings and specification described in the Kidde Aerospace & Defense application dated May 31, 2007 on file with the Office of Hazardous Materials Safety Approvals and Permits Division (OHMSAPD) and the DOT Specification 39 (§§ 178.35 and 178.65) except as follows:

§ 178.65(b) *Material*

- (1) Type ARMCO Nitronic 40 (21-6-9) stainless steel with the following analysis is authorized for the cylinder body with proper welding procedure.

<u>CHEMICAL ANALYSIS</u>	<u>PERCENT</u>
Carbon	0.040 max.
Manganese	8.00/10.00
Phosphorous	0.060 max.
Sulfur	0.030 max.
Silicon	1.00 max.
Chromium	19.00/21.50
Nickel	5.50/7.50

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Nitrogen

0.15/0.40

§ 178.65(e) *Openings and attachments.* Openings and attachments are not required to be on the cylinder heads. Openings must be as shown on Kidde Aerospace & defense drawing numbers 474633, 474645, 474613, 474786, 474614, 474750, 474615 and 474764 on file with the OHMSPA.

§ 178.65(f) *Pressure tests.*

(1) \* \* \*

(2) One cylinder taken from the beginning of each lot, and one from each 200 or less successively produced within the lot thereafter must be hydrostatically tested to destruction. The entire lot must be rejected (see paragraph (h) of this section) if:

(i) \* \* \*

(ii) \* \* \*

(iii) \* \* \*

(iv) \* \* \*

(3) A "lot" is defined as the quantity of cylinders (not exceeding 200 cylinders) successively produced having identical size, design, construction, heat of material, heat treatment, finish and quality. (Exception: Cylinders constructed from multiple heats of material may be included in the lot provided that a representative cylinder of each heat has been hydrostatically tested to destruction. The reject criteria above still applies.)

§ 178.65(i) *Markings.*

(1) \* \* \*

(2)

(i) Applies except instead of DOT-39, cylinders must be marked "DOT-SP 14256".

(ii) thru (vii) \* \* \*

(viii) (B) - does not apply.

(3) and (4) \* \* \*

b. TESTING: Each pressure vessel must be tested as required in § 178.65(f) and as prescribed in the Kidde Aerospace & Defense application on file with OHMSAPD.

c. OPERATIONAL CONTROLS:

(1) Cylinders authorized under this special permit are limited to use as components (fire extinguisher) of military vehicles, or in support of military vehicles.

(2) The cylinder must be shipped in strong outside packaging in accordance with §173.301(a) (9).

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, rail freight and cargo aircraft only.

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 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.

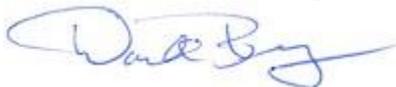
Each "Hazmat employee", as defined in § 171.8, who performs a function subject to this special permit must receive training on the requirements and conditions of this special permit in addition to the training required by §§ 172.700 through 172.704.

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 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-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](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: TG/BMoore