

April 10, 2008



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  
(THIRD REVISION)

**EXPIRATION DATE: September 30, 2009**

1. GRANTEE: 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 a non-refillable, non-DOT specification cylinder similar to a DOT-39 that are used as components of the US Army Future Combat Systems Man Ground Vehicle (FCSMGV). This special permit provides no relief from the Hazardous Materials Regulations (HMR) other than as specifically stated herein.
  - 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 October 3, 2007, submitted in accordance with § 107.105 and the public proceeding thereon and additional information dated November 7, 2007, and April 9, 2008.
6. HAZARDOUS MATERIALS (49 CFR § 172.101):

<b>Hazardous Materials Description</b>			
<b>Proper shipping name</b>	<b>Hazard Class/ Division</b>	<b>Identi- fication Number</b>	<b>Packing Group</b>
Compressed gas, n.o.s.	2.2	UN1956	N/A

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 Special Permits and Approvals (OHMSPA) 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
Nitrogen	0.15/0.40

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§ 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 and 474645 on file with the OHMSPA.

§ 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 OHMSPA.

c. OPERATIONAL CONTROLS -

(1) Cylinders authorized under this special permit are limited to use as components (fire extinguisher) of the US Army Future Combat Systems Man Ground Vehicle (FCSMGV).

(2) Non-specification cylinders authorized under this special permit are only authorized to support the US Army's Future combat Systems Manned Ground Vehicle (FCSMGV).

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 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 maintained at each facility where the package is offered or reoffered for transportation.

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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 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.

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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 Theodore L. Willke  
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.

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