

August 27, 2014



U.S. Department  
of Transportation

East Building, PHH-30  
1200 New Jersey Avenue, Southeast  
Washington, D.C. 20590

**Pipeline and Hazardous  
Materials Safety Administration**

DOT-SP 11826  
(TENTH REVISION)

(FOR RENEWAL, SEE 49 CFR 107.109)

1. GRANTEE: (See individual authorization letter)
2. PURPOSE AND LIMITATION:
  - a. This special permit authorizes DOT Specification 3AL cylinders, with specially treated interiors to prevent chloride/aluminum interaction, to be used for the transportation in commerce of certain compressed gas mixtures described in paragraph 6 below. 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.
  - c. Unless otherwise stated herein, this special permit consists of the special permit authorization letter issued to the grantee together with this document.
3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 173.302a(a)(5) in that the charging of DOT Specification 3AL cylinders with non-liquefied compressed gases that are not listed is not authorized, except as specified herein.
5. BASIS: This special permit is based on the application of Linde Gas North America LLC dated November 12, 2013 submitted in accordance with § 107.105 and the public proceeding therein.

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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 gases, n.o.s./ Mixtures of Nitrogen, Air, Helium, Neon, Argon, Krypton or Carbon dioxide containing up to 0.1% (1000 ppm) anhydrous hydrogen chloride, chlorine, or hydrogen fluoride.	2.2	UN1956	N/A

7. SAFETY CONTROL MEASURES:

a. Packaging: Prescribed packaging is a DOT Specification 3AL cylinder made from aluminum alloy 6061 and the internal surface of each cylinder has been passivated to prevent chloride/aluminum interaction.

b. Testing: Prescribed packaging is a DOT Specification 3AL cylinder that is subjected to periodic inspection and testing (requalification) and marking as prescribed using one of the following methods:

- (i) Each cylinder is requalified by hydrostatic testing and visual inspection in accordance with § 180.205. Additionally the internal surface of each cylinder must be inspected for sidewall damage to the passivated surface by enhanced visual examination using light and mirror; or
- (ii) Each cylinder is requalified by 100% ultrasonic examination (UE) in lieu of hydrostatic testing and internal visual examination. The UE must be completed in accordance with a DOT special permit that authorizes requalification of DOT 3AL by UE (e.g. SP 12399) and by a facility that possesses an active requalifier identification number (RIN) for performing UE on DOT 3AL specification cylinders.

c. Operational Controls:

(1) All cylinders requalified using the hydrostatic method as described in 7.b(i) of this special permit must be re-passivated after each requalification to prevent chloride/aluminum interaction. The re-passivation is not required if the cylinder was requalified by UE and moisture was not introduced into the cylinder.

(2) Moisture content must not exceed 10 ppm.

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.

c. Marking: The exterior of each cylinder passing retest under the provisions of this special permit must be marked as prescribed in § 180.205 and must also be marked "DOT-SP 11826".

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle, rail freight and cargo aircraft only.

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

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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](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: Toughiry/TG