

May 20, 2011



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 13235  
(SEVENTH REVISION)

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: (See individual authorization letter)
2. PURPOSE AND LIMITATIONS:
  - a. This special permit authorizes transportation in commerce of a DOT Specification 4L cylinder containing certain refrigerated liquids which may be filled and discharged without removal from the motor vehicle. 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 §§ 172.301(c) in that the packaging need not be marked with the special permit number and 177.834(h) in that a DOT Specification 4L cylinder may not be filled or discharged without being removed from the motor vehicle, except as provided herein.
5. BASIS: This special permit is based on the applications of Airgas' subsidiaries, dated May 13, 2011, submitted in accordance with § 107.107.

6. HAZARDOUS MATERIALS (49 CFR § 172.101):

<b>Hazardous Material Description</b>			
<b>Proper Shipping Name</b>	<b>Hazard Class/ Division</b>	<b>Identification Number</b>	<b>Packing Group</b>
Argon, refrigerated liquid	2.2	UN1951	N/A
Nitrogen, refrigerated liquid	2.2	UN1977	N/A
Oxygen, refrigerated liquid	2.2	UN1073	N/A

7. SAFETY CONTROL MEASURES:

a. PACKAGING - Packaging prescribed is a vacuum insulated DOT Specification 4L (§ 178.57) welded cylinder that must be in compliance with all requirements of the HMR (including, but not limited to design service temperatures, pressure relief devices, and filling limits) applicable to the hazardous material to be transported. The cylinder must be securely attached in an upright position to a steel frame enclosure in accordance with Chart Industries drawing numbers C-11814851 or C-11796171, on file with the Office of Hazardous Materials Special Permits and Approvals (OHMSPA). The frame enclosure must be secured to a motor vehicle (truck or trailer) in accordance with Chart Industries drawings D-11773877 or D-11773869 on file with the OHMSPA. Alternatively, the cylinder may be attached in a horizontal position to a steel frame enclosure in accordance with Airgas drawing numbers 7530-00 and 7530-01, on file with OHMSPA.

b. OPERATIONAL CONTROLS -

1. The frame enclosure must be secured to the motor vehicle in accordance with 49 CFR Parts 393.100 - 393.106.

2. The filling (or discharge) hose must not be transported containing any hazardous material.

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3. Each motor vehicle transporting a packaged covered by this special permit must be attended at all times during loading and unloading operations by a qualified person. For the purposes of this requirement, "attended" and "qualified" have the meanings described in § 177.834(i) (3) and (4), respectively.

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. The marking requirements specified in § 172.301(b) and (c) are waived.

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle.

10. MODAL REQUIREMENTS: A current copy of this special permit must be carried aboard each 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 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 Materials Safety Administration, Department of Transportation, Washington, D.C. 20590. Attention: PHH-31.

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)  
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PO: TG