



U.S. Department  
of Transportation  
**Research and  
Special Programs  
Administration**

400 Seventh St., S.W.  
Washington, D.C. 20590

**OCT 10 2003**

DOT-E 6805  
(EIGHTH REVISION)

**EXPIRATION DATE: July 31, 2005**

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. **GRANTEE:** Praxair, Inc.  
Danbury, CT

(See Appendix A to this document for a list of additional grantees)

2. **PURPOSE AND LIMITATION:**

- a. This exemption authorizes the transportation in commerce of certain flammable compressed gas mixtures using DOT Specification 3AAX, 3AA or 3A steel cylinders. This exemption provides no relief from the Hazardous Materials Regulations (HMR) other than as specifically stated herein.

- b. The safety analyses performed in development of this exemption only considered the hazards and risks associated with transportation in commerce.

3. **REGULATORY SYSTEM AFFECTED:** 49 CFR Parts 106, 107 and 171-180.

4. **REGULATIONS FROM WHICH EXEMPTED:** 49 CFR § 173.301(g) in that additional gases are authorized to be manifolded; and § 173.302a(a)(3) in that additional gases are authorized in DOT 3AAX cylinders.

5. **BASIS:** This exemption is based on the application of Praxair, Inc. dated October 1, 2003, submitted in accordance with § 107.109.

6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Hazardous Material Description			
Proper Shipping Name	Hazard Class/Division	Identification Number	Packing Group
Mixtures of nitrogen, hydrogen, carbon monoxide, carbon dioxide, methane, ethane or propane/Compressed gases, flammable, n.o.s.	2.1	UN1954	N/A
Mixtures of nitrogen, hydrogen, carbon monoxide, carbon dioxide, methane, ethane or propane/Compressed gases, toxic, flammable, n.o.s.*	2.3	UN1953	N/A

\* See paragraph 8(c) under Special Provisions.

7. SAFETY CONTROL MEASURES:

a. PACKAGING - Packaging prescribed is a DOT Specification 3AAX steel cylinder having a service pressure of 2400 psig or a 3A and 3AA steel cylinder having a minimum service pressure of 2015 psi.

b. OPERATIONAL CONTROLS -

(1) Manifolding in accordance with §173.301(g) is authorized.

(2) Mixtures containing carbon monoxide gas that is dry and sulfur free may not exceed five sixths of the cylinder service pressure or 2000 psig, whichever is the lesser in accordance with § 173.302a(c).

8. SPECIAL PROVISIONS:

a. A person who is not a holder of this exemption who receives a package covered by this exemption 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 exemption and the HMR.

b. A current copy of this exemption must be maintained at each facility where the package is offered or reoffered for transportation.

c. If a mixture containing carbon monoxide meets §§ 173.115(c) and 173.116(a), the mixture must meet the requirements for materials that are poisonous by inhalation in addition to any requirements of this exemption.

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle.10. MODAL REQUIREMENTS: No additional requirement as part of the exemption.11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this exemption 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 exemption and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
- 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 exemption must receive training on the requirements and conditions of this exemption in addition to the training required by §§ 172.700 through 172.704.

No person may use or apply this exemption, including display of its number, when this exemption has expired or is otherwise no longer in effect.

12. REPORTING REQUIREMENTS: The carrier is required to report any incident involving loss of packaging contents or packaging failure to the Associate Administrator for Hazardous Materials Safety (AAHMS) as soon as practicable. (Sections 171.15 and 171.16 apply to any activity undertaken under the authority of this exemption.) In addition, the holder(s) of this exemption must inform the AAHMS, in writing, of any incident involving the package and shipments made under the terms of this exemption.

Issued in Washington, D.C.:

  
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Robert A. McGuire  
for Acting Associate Administrator for  
Hazardous Materials Safety

OCT 10 2003

(DATE)

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Research and Special Programs Administration, Department of Transportation, Washington, D.C. 20590.  
Attention: DHM-31.

Copies of this exemption may be obtained by accessing the Hazardous Materials Safety Homepage at <http://hazmat.dot.gov/exemptions> Photo reproductions and legible reductions of this exemption are permitted. Any alteration of this exemption is prohibited.

PO: SStaniszewski/sln

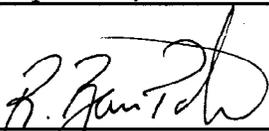
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Continuation of DOT-E 6805 (8th Rev.) APPENDIX A

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The following are hereby granted party status to this exemption based on their application(s) submitted in accordance with § 107.107 or § 107.109, as appropriate:

Company Name City/State	Application Date	Issue Date	Expiration Date
Airgas, Inc. Cheyenne, WY	Aug 15, 2003	Sep 24, 2003	Jul 31, 2005
Air Products and Chemicals, Inc. Allentown, PA	Aug 19, 2003	Aug 28, 2003	Jul 31, 2005
Air Liquide America L.P. Houston, TX (Former Grantee: Air Liquide America Corporation)	Sep 24, 2003	OCT 1 0 2003	Jul 31, 2005
Advanced Gas Technologies, Inc. Palm, PA	Aug 14, 2003	Aug 20, 2003	Jul 31, 2005
BOC Gases Murray Hill, NJ	Aug 4, 2003	Aug 11, 2003	Jul 31, 2005
Praxair Distribution Inc. Danbury, CT	Oct 1, 2003	OCT 1 0 2003	Jul 31, 2005
Praxair Distribution Southeast, LLC Tequesta, FL	Jul 29, 2003	Aug 11, 2003	Jul 31, 2005



Robert A. McGuire  
Associate Administrator for  
Hazardous Materials Safety

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