U.S. Department
of Transportation

**Research and
Special Programs
Administration**

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

DOT-E 7451 (EXTENSION)
FIRST REVISION April 25, 1979

In accordance with 49 CFR 107.105 of the Department of Transportation (DOT) Hazardous Materials Regulations DOT-E 7451 is hereby extended for the party(ies) listed below by changing the expiration date in paragraph 10 to February 28, 1998. This change is effective from the issue date of this extension. All other terms of the exemption remain unchanged.

This extension applies only to party(ies) listed below based on the application(s) received in accordance with 49 CFR 107.105. This extension constitutes a necessary part of this exemption and must be attached to it.

for Marilyn J. Morris
Alan I. Roberts
Associate Administrator
for Hazardous Materials Safety

MAR 29 1996
(DATE)

Dist: FHWA USCG

EXEMPTION HOLDER	APPLICATION DATE
Praxair, Inc. Danbury, CT	February 28, 1996

U.S. Department
of Transportation

**Research and
Special Programs
Administration**

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

DOT-E 7451 (PTE)
FIRST REVISION April 25, 1979

In accordance with 49 CFR 107.107 of the Department of Transportation (DOT) Hazardous Materials Regulations the party(ies) listed below is granted the status of party to DOT-E 7451. The expiration date of the exemption for the party(ies) is February 28, 1998.

This party status applies to the party(ies) listed below based on the application(s) submitted in accordance with 49 CFR 107.107 and the public proceeding thereon. All terms of the exemption remain unchanged. This authorization forms part of the exemption and must be attached to it.

for Alan I. Roberts
Associate Administrator
for Hazardous Materials Safety

3/17/97
(DATE)

Dist: FHWA USCG

EXEMPTION HOLDER	APPLICATION DATE
Praxair Distribution, Inc. Danbury, CT	December 27, 1996

DEPARTMENT OF TRANSPORTATION

RESEARCH AND SPECIAL PROGRAMS ADMINISTRATION

WASHINGTON, D.C. 20590

DOT-E 7451

(FIRST REVISION)

1. Union Carbide Corporation, Tarrytown, New York, is hereby granted an exemption from those provisions of this Department's Hazardous Materials Regulations specified in paragraph 5 below to offer packagings prescribed herein of a nonflammable gas for transportation in commerce subject to the limitations and special requirements specified herein. This exemption authorizes the use of a non-DOT specification pressure vessel, and provides no relief from any regulation other than as specifically stated.

2. BASIS. This exemption is based on Union Carbide Corporation's application dated May 25, 1978, and supplemental information dated September 21, October 26, 1978, and February 1, 1979, submitted in accordance with 49 CFR 107.105 and the public proceeding thereon.

3. HAZARDOUS MATERIALS (Descriptor and class). Liquid argon, pressurized, nonflammable gas.

4. PROPER SHIPPING NAME (49 CFR 172.101). Argon, liquid pressurized.

5. REGULATION AFFECTED. 49 CFR 173.304, 173.315.

6. MODES OF TRANSPORTATION AUTHORIZED. Motor vehicle and cargo vessel.

7. SAFETY CONTROL MEASURES. Packaging prescribed is one Linde Model 200-VCC Transportation Cold Converter mounted in a Matson Dry Freight Container described by Matson drawings TB-1002-1-G and T-1000-1. Weights are as follows:

The product (liquid argon)	20,400 lbs.
Tank tare	12,100 lbs.
Van load (one tank)	32,500 lbs.
Maximum van pay-load	50,500 lbs.

The tank and skid mounts are constructed in accordance with Compressed Gas Association's proposed Specification 51-L, CGA Docket 1127-A.

The cargo tank frangible disc must be set to fail at a pressure not higher than 322 psig. The safety valve may be set no higher than 250 psig.

To assure that the tank skids remain securely fastened to the container, the shipper must inspect the container prior to each shipment to ensure that:

a. The tie-down bolts are very tight and kept torqued up in service; and

b. The bottom of the van is not loosened or pulled out by the tank skid loads.

8. SPECIAL PROVISIONS.

a. Stowage: on deck.

b. The shipper or agent must notify the Captain of the Port in the ports through which the shipments are made of the name of the vessel on which the hazardous materials are shipped, and the time, date, and place of loading or off-loading.

c. A copy of this exemption must be carried aboard each vessel used to transport packages covered by this exemption.

9. REPORTING REQUIREMENTS. Any incident involving loss of contents of the package must be reported to the Office of Hazardous Materials Regulation as soon as practicable.

10. EXPIRATION DATE. April 15, 1981.

Issued at Washington, D.C.:

4-25-79
(DATE)

Alan I. Roberts
Associate Director for
Hazardous Materials Regulation
Materials Transportation Bureau

Idress all inquiries to: Associate Director for Hazardous Materials Regulation, Materials Transportation Bureau, Research and Special Programs Administration, U. S. Department of Transportation, Washington, D.C., 20590. Attention: Exemptions Branch.

Dist: B of E, USCG, FHWA