U.S. Department
of Transportation

**Research and
Special Programs
Administration**

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

DOT-E 3142 (EXTENSION)
SECOND REVISION August 11, 1988

In accordance with 49 CFR 107.105 of the Department of Transportation (DOT) Hazardous Materials Regulations DOT-E 3142 is hereby extended for the party(ies) listed below by changing the expiration date in paragraph 10 to August 30, 1997. 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 J. Suzanne Hedgepeth
Alan I. Roberts
Associate Administrator
for Hazardous Materials Safety

10/31/95
(DATE)

Dist: FHWA FRA

EXEMPTION HOLDER	APPLICATION DATE
U.S. Department of Energy Washington, DC	September 20, 1995

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DOT-E 3142 (PTE)
SECOND REVISION August 11, 1988

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 3142. The expiration date of the exemption for the party(ies) is August 30, 1997.

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.

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

November 27, 1996
(DATE)

Dist: FHWA FRA

EXEMPTION HOLDER	APPLICATION DATE
Sandia National Laboratories Albuquerque, NM	June 12, 1996
Los Alamos National Laboratory Los Alamos, NM	July 19, 1996
Lockheed Martin Energy Research Corporation Oak Ridge, TN	September 9, 1996
Lockheed Martin Energy Systems, Inc. Oak Ridge, TN	September 9, 1996

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DOT-E 3142
(SECOND REVISION)

AUG 1 1 1988

1. U.S. Department of Energy (DOE), Washington, D.C., is hereby granted an exemption from certain provisions of this Department's Hazardous Materials Regulations to offer packages described in paragraph 7 below of nonflammable compressed gases for transportation in commerce subject to the limitations and special requirements specified herein. This exemption authorizes shipment of cylinders from which a controlled flow of gas is released to a leak calibration apparatus and provides no relief from any regulation other than as specifically stated.

2. BASIS. This exemption is based on DOE's application dated May 27, 1988 submitted in accordance with 49 CFR 107.105 and the public proceeding thereon.

3. HAZARDOUS MATERIALS (Descriptor and class). Helium, Argon or Neon, classed as Nonflammable gas.

4. PROPER SHIPPING NAME (49 CFR 172.101). Argon, Helium, or Neon, as appropriate.

5. REGULATION AFFECTED. 49 CFR 173.24(a)(1).

6. MODES OF TRANSPORTATION AUTHORIZED. Motor vehicle, rail freight.

7. SAFETY CONTROL MEASURES. Packaging prescribed is a DOT Specification 3A1800 or 3A2000 cylinder forming an integral part of a leak calibration apparatus as described in Sandia Laboratory's letters of October 5, 1961, and November 20, 1970, including drawings, and in Simplified Leak Transfer Standard's Drawing T20122 on file with the Office of Hazardous Materials Transportation (OHMT). The DOT Specification 3A2000 cylinder may have its valve slightly opened to the extent required to maintain pre-determined pressure on the apparatus. The apparatus must be securely packed and cushioned in a plywood or aluminum box.

8. SPECIAL PROVISIONS. Only DOE's contractors specifically identified to OHMT prior to first shipment may use the packaging covered by this exemption pursuant to 49 CFR 173.22a.

9. REPORTING REQUIREMENTS. Any incident involving loss of contents of the package must be reported to the OHMT as soon as practicable.

10. EXPIRATION DATE. July 30, 1990.

Issued at Washington D.C.:

Sd/ J. Suzanne Hedgepeth
Alan I. Roberts
Director
Office of Hazardous Materials Transportation

AUG 1 1 1988
DATE

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Address all inquiries to: Director, Office of Hazardous Materials Transportation, Research and Special Programs Administration, U.S. Department of Transportation, Washington, D. C. 20590.
Attention: Exemptions Branch.

Dist: FHWA, FRA