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

NOV 2 2000

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

DOT-E 12427

EXPIRATION DATE: September 30, 2002

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Chubb Fire Limited
Buckinghamshire, England
U.S. Agent: Hughes & Associates
Baltimore, MD

2. PURPOSE AND LIMITATION:

a. This exemption authorizes the one-time round trip transportation in commerce of three (3) non-DOT specification cylinders containing a Division 2.2 compressed gas for testing by Underwriters Laboratories. This exemption provides no relief from any Hazardous Materials Regulation (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.

c. Party status will not be granted to this exemption.

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 cylinders are not required to be marked with the exemption number; § 173.304(a) in that non-DOT specification cylinders are not authorized except as described herein.

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5. BASIS: This exemption is based on the application of Chubb Fire Limited dated February 3, 2000 and additional information dated March 10, and October 5, 2000 submitted in accordance with § 107.105 and the public proceeding thereon.

6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Proper Shipping Name/ Hazardous Materials Description	Hazard Class/ Division	Identi-fication Number	Packing Group
Liquefied gas, n.o.s. (heptafluoropropane, nitrogen)	2.2	UN3163	N/A

7. SAFETY CONTROL MEASURES:

a. PACKAGING -

(1) Packagings prescribed are three (3) non-DOT specification cylinders designed and manufactured in England in accordance with British Standard BS5045 Part 2 having a water capacity of 10 liters and a charging pressure of 25 bar (360 psig). The cylinders conform with the design calculations, drawings, material specifications, and engineering specifications submitted with the application for exemption on file with the Office of Hazardous Materials Exemptions and Approvals (OHMEA).

(2) Each cylinder must be fitted with a rupture disc conforming to British Standard BS 2915, having a rupture pressure not exceeding 50.4 bar (731 psig).

(3) Only cylinders with serial numbers B1616, B1654 and B83 are authorized.

b. OPERATIONAL CONTROLS -

(1) Transportation is limited to a one-time round trip, per cylinder, from England to Underwriters Laboratories in Northbrook, Illinois.

(2) Each cylinder must be packed in strong outside packagings as prescribed in § 173.301(k).

(3) Each outside packaging must be marked "INSIDE CONTAINERS CONFORM WITH DOT-E 12427".

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. The marking requirement specified in § 172.301(c) is waived.

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle, cargo aircraft only, and passenger carrying aircraft.

10. MODAL REQUIREMENTS: A current copy of this exemption must be carried aboard each aircraft or motor vehicle used to transport packages covered by this exemption. The shipper shall furnish a copy of this exemption 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 exemption and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq:

- All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
- 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 at Washington, D.C.:

NOV 2 2000
(DATE)

Robert A. McGuire
Associate Administrator for
Hazardous Materials Safety

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.

The original of this exemption is on file at the above office. Photo reproductions and legible reductions of this exemption are permitted. Any alteration of this exemption is prohibited.

Copies of exemptions may be obtained from the AAHMS, U.S. Department of Transportation, 400 7th Street, Washington, DC 20590-0001, Attention: Docket Section, 202-366-5046.

PO: SS