U.S. Department
of Transportation

**Research and
Special Programs
Administration**

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

MAR 1 0 2004

DOT-E 12084
(EIGHTH REVISION)

EXPIRATION DATE: January 31, 2005

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Honeywell International Inc.
(Former Grantee: AlliedSignal, Inc.)
Morristown, New Jersey

2. PURPOSE AND LIMITATION:

a. This exemption authorizes the use of certain DOT Specification 4B, 4BA, or 4BW cylinders for transportation in commerce of the Division 2.1 and Division 2.2 gases authorized in paragraph 6 when retested and marked in accordance with the requirements specified in § 180.209(e). 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.

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

4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 180.209(e) in that the prescribed hazardous materials are not authorized, except as specified herein.

5. BASIS: This exemption is based on the application of Honeywell International dated January 7, 2004, submitted in accordance with § 107.109.

6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Proper Shipping Name/ Hazardous Materials Description	Hazard Class/ Division	Identi-fication Number	Packing Group
1,2-Dichloro-1,1,2,2-tetrafluoroethane or Refrigerant gas R 114	2.2	UN1958	N/A
1-Chloro-1,1-difluoroethane *or* Refrigerant gas R 142b	2.1	UN2517	N/A
1,1-Difluoroethane *or* Refrigerant gas R 152a	2.1	UN1030	N/A
1,1,1-Trifluoroethane, compressed *or* Refrigerant gas R 143a	2.1	UN2035	N/A
1,1,1,2-Tetrafluoroethane *or* Refrigerant gas R 134a	2.2	UN3159	N/A
Difluoromethane *or* Refrigerant gas R 32	2.1	UN3252	N/A
Liquefied gas, n.o.s./ Fluorinated hydrocarbons, liquefied hydrocarbons, or mixtures thereof containing: 1, 1,1-trifluoroethane, 1,1,1,2-tetrafluoroethane, pentafluoroethane, difluoromethane, chlorodifluoromethane, or propane	2.2	UN3163	N/A
Pentafluoroethane or Refrigerant gas R 125	2.2	UN3220	N/A
Refrigerant gas R 404A	2.2	UN3337	N/A
Refrigerant gas R 407C	2.2	UN3340	N/A

7. SAFETY CONTROL MEASURES:

a. PACKAGING - Packagings prescribed are DOT Specification 4B, 4BA, or 4BW cylinders that are protected externally by a suitable corrosion-resistant coating (such as galvanizing or painting).

b. TESTING - In lieu of a five year periodic hydrostatic test, or testing in accordance with § 173.213(c)(2), prescribed cylinders may be retested and marked in accordance with § 180.209(e). All other applicable requirements of § 180.209 must be met.

c. OPERATIONAL CONTROLS - Cylinders must be used exclusively for the hazardous materials described in paragraph 6 of this exemption and other fluorinated hydrocarbons, liquefied hydrocarbons, and mixtures thereof, as described in § 180.209(e), and must be commercially free of corroding components.

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. Each cylinder must be marked "DOT-E 12084" in letters at least 1/4 inch high.

d. Transportation of Division 2.1 (flammable gases) are not authorized aboard cargo vessel unless specifically authorized in the Hazardous Materials Table (§ 172.101).

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle, rail freight, or cargo vessel.

10. MODAL REQUIREMENTS: A current copy of this exemption must be carried aboard each cargo vessel used to transport packages covered by this 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:

- All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
- Persons operating under the terms of this exemption must comply with the security plan requirement in Subpart I of Part 172 of the HMR, when applicable.
- 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 the 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.:

for Robert A. McGuire
Associate Administrator for
Hazardous Materials Safety

MAR 1 0 2004
(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: sln