

March 20, 2008



U.S. Department
of Transportation

East Building, PHH-30
1200 New Jersey Avenue S.E.
Washington, D.C. 20590

**Pipeline and Hazardous
Materials Safety Administration**

DOT-SP 14611

EXPIRATION DATE: February 28, 2010

(FOR RENEWAL, SEE 49 CFR §107.109)

1. GRANTEE: Honeywell International, Inc.
Morristown, NJ
2. PURPOSE AND LIMITATIONS:
 - a. This special permit authorizes a service life extension for four (4) non-DOT specification cylinders manufactured and marked under DOT-SP 10914 for the transportation in commerce of the material authorized by this special permit. This special permit provides no relief from the Hazardous Materials Regulations (HMR) other than as specifically stated herein.
 - b. The safety analyses performed in development of this special permit only considered the hazards and risks associated with transportation in commerce.
 - c. No party status will be granted to this special permit.
3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR §§ 173.302a(a) and 175.3 in that non-DOT specification cylinders are not authorized, except as specified herein.
5. BASIS: This special permit is based on the application of Honeywell International, Inc. dated September 17, 2007, submitted in accordance with § 107.105 and the public proceeding thereon.

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6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Proper Shipping Name/ Hazardous Material Description	Hazard Class/ Division	Identi- fication Number	Packing Group
Helium, compressed	2.2	UN1046	N/A

7. SAFETY CONTROL MEASURES:

a. PACKAGING - Prescribed packaging are four spherical non-DOT specification welded pressure vessels (PN 3253238-1 and Serial numbers 98-1050, 98-1051, 98-1053 and 98-1054), made of a titanium alloy, manufactured and marked under DOT-SP 10914. The vessels have never been in service. Each vessel has a water capacity of 1385 cubic inches, nominal and a 10,000 psig maximum service pressure. Each pressure vessel must conform to Garrett Fluid Systems Division (GFSD) Drawing 3253238, and technical specifications and calculations on file with the Office of Hazardous Materials Special Permits and Approvals (OHMSPA).

b. OPERATIONAL CONTROLS - Prior to use under the terms of this special permit, each pressure vessel must be subject to and successfully pass the Honeywell recertification program for pressure vessel (P/N 3253238-1) dated August 31, 2007 on file with OHMSPA. The recertification program must include the following steps as a minimum:

- (1) Visually inspected and record the "as received" condition by Honeywell.
- (2) Remove the existing manifold assemblies and "blow down" the charged vessels.
- (3) Penetrant inspect the vessels in accordance with the notes 14 and 15 of Honeywell Drawing 3253238-1.
- (4) Proof test the empty vessels at 17,250 psig
- (5) Repeat step 3 above.
- (6) Refill the vessels in accordance with Honeywell's fill procedure.
- (7) Re-assemble the vessels to final configuration.

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(8) Perform final configuration acceptance testing in accordance with the provisions of DOT-SP 10914.

c. TESTING - Each pressure vessel may not be filled and shipped unless it has been reinspected and hydrostatically retested every 3 years in accordance with § 180.209(a) as prescribed for DOT-3HT cylinders, except that the rejection elastic expansion criteria does not apply.

8. SPECIAL PROVISIONS:

a. A person who is not a holder of this special permit who receives a package covered by this special permit may reoffer it for transportation provided no modification or change is made to the package or its contents and it is reoffered for transportation in conformance with this special permit and the HMR.

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

c. Pressure vessels are subject to the use restrictions prescribed in § 173.302a(a)(2), except that they may also be used in military weapons or defense initiatives systems.

d. Pressure vessels must be shipped in strong outside packagings in conformance with § 173.301(a)(9).

e. Pressure vessels authorized by this special permit may not be used after February 28, 2018 or after 10 refills, whichever comes first.

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle, rail freight, cargo vessel and cargo aircraft only.

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

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- o All terms and conditions prescribed in this special permit and the Hazardous Materials Regulations, Parts 171-180.
- o Persons operating under the terms of this special permit must comply with the security plan requirement in subpart I of Part 172 of the HMR, when applicable.
- 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 special permit must receive training on the requirements and conditions of this special permit in addition to the training required by §§172.700 through 172.704.

No person may use or apply this special permit, including display of its number, when the special permit has expired or is otherwise no longer in effect. Under Title VII of the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU)- "The Hazardous Materials Safety and Security Reauthorization Act of 2005" (Pub. L. 109-59), 119 Stat. 1144 (August 10, 2005), amended the Federal hazardous materials transportation law by changing the term "exemption" to "special permit" and authorizes a special permit to be granted up to two years for new special permits and up to four years for renewals.

12. REPORTING REQUIREMENTS: Shipments or operations conducted under this special permit are subject to the Hazardous Materials Incident Reporting requirements specified in 49 CFR § 171.15 - Immediate notice of certain hazardous materials incidents, and § 171.16 - Detailed hazardous materials incident reports. In addition, the grantee(s) of this special permit must notify the Associate Administrator for Hazardous Materials Safety, in writing, of any incident involving a package, shipment or operation conducted under terms of this special permit.

Issued in Washington, D.C.



for Theodore L. Willke
Associate Administrator for Hazardous Materials Safety

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

Copies of this special permit may be obtained by accessing the Hazardous Materials Safety Homepage at http://hazmat.dot.gov/sp_app/special_permits/spec_perm_index.htm Photo reproductions and legible reductions of this special permit are permitted. Any alteration of this special permit is prohibited.

PO: KFW