

March 26, 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 14637

**EXPIRATION DATE: August 31, 2008**

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Department of Defense  
Washington, DC
2. PURPOSE AND LIMITATION:
  - a. This emergency special permit authorizes the transportation in commerce of a Division 2.2 compressed gas in non-DOT specification packagings described as electron tube radiation sensors (tubes). The tubes are primary components of handheld radiological monitors (HRM) which is part of the AN/PDX-737 radiation monitoring system. This special permit provides no relief from the Hazardous Materials Regulations (HMR) other than as specifically stated herein.
  - b. The safety analyses performed in the development of this special permit only considered the hazards and risks associated with the 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 and 175.3 in that a non-DOT specification packaging is not authorized, except as specified herein, and Subparts E and F of Part 172 in that labeling and placarding is not required when air transportation is not involved.

5. BASIS: This emergency special permit is based on the application of The Department of Defense dated November 16, 2007 and additional information dated February 27, 2008, submitted in accordance with § 107.117 and a determination that it is necessary to prevent significant economic impact.
6. HAZARDOUS MATERIALS (49 CFR § 172.101):

<b>Hazardous Materials Description</b>			
<b>Proper Shipping Name</b>	<b>Hazard Class/ Division</b>	<b>Identification Number</b>	<b>Packing Group</b>
Compressed gas, n.o.s. (Helium-3)	2.2	UN1956	N/A

7. SAFETY CONTROL MEASURES:

a. PACKAGING - Packagings prescribed are non-DOT specification, stainless steel, hermetically sealed electron tube radiation sensors (tubes) that are primary components of handheld radiological monitors (HRM). The HRM is a part of a radiological monitoring system, AN/PDX-737. Each tube must have a maximum volume of 20ml water capacity, and maximum design (operating) pressures of 200 psig. The design burst pressure of the tubes must be four times the design pressure.

b. OPERATIONAL CONTROLS -

(1) The HRM must be transported as a part of the AN/PDX-737 radiological monitoring system. The system must be overpacked in a Hardigg-Storm Case, type iM2720 Storm Trak or equivalent, as described in the application for special permit. Up to twelve tubes may be transported per overpack.

(2) Emergency response information provided with the shipment, and available via an emergency response telephone number must identify that the receptacles are not fitted with pressure relief devices, and provide appropriate guidance for exposure to fire.

(3) This special permit does not waive any applicable requirements for labeling of radioactive materials.

c. MARKING - Each outer package must be marked "DOT-SP 14637".

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. Except when offered for transportation by air:

(1) Packages covered by this special permit are excepted from labeling requirements of Subpart E of 49 CFR Part 172.

(2) Shipments are not subject to the placarding requirements of Subpart F of 49 CFR Part 172.

d. This special permit is for use in support of Department of Defense programs only.

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

10. MODAL REQUIREMENTS: A current copy of this special permit must be carried aboard each aircraft, or motor vehicle 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:

o All terms and conditions prescribed in this special permit and the Hazardous Materials Regulations, 49 CFR Parts 171-180.

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- 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 this 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.:



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for Theodore L. Willke  
Associate Administrator for Hazardous Materials Safety

**March 26, 2008**

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Pipeline and Hazardous Material Safety Administration, U.S. Department of Transportation, East Building PHH-30, 1200 New Jersey Avenue, Southeast, Washington, D.C. 20590.

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](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: WEST FREEMAN