

March 31, 2009



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 11984  
(TENTH REVISION)

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: (See individual authorization letter)
2. PURPOSE AND LIMITATION:
  - a. This special permit authorizes the transportation in commerce of certain unapproved chemical oxygen generators with only one positive means of preventing unintentional actuation of the generator and without the required approval number marked on the outside of the package. This special permit provides no relief from the Hazardous Materials Regulation (HMR) other than as specifically stated herein. The most recent revision supersedes all previous revisions.
  - b. The safety analyses performed in development of this special permit only considered the hazards and risks associated with transportation in commerce.
  - c. Unless otherwise stated herein, this special permit consists of the special permit authorization letter issued to the grantee together with this document.
3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 173.168, in that chemical oxygen generators must incorporate at least two positive means of preventing unintentional actuation of the generator, be classed and approved by the Associate Administrator, and have their approval number marked on the outside of the package and § 173.212 in that ATA specification No. 300 packaging is also authorized.

**March 31, 2009**

5. BASIS: This special permit is based on the Pipeline and Hazardous Materials Safety Administration's (PHMSA) editorial review under § 107.121 initiated on December 4, 2008.
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>
Oxygen generator, chemical <i>(including when contained in associated equipment, e.g., passenger service units (PSUs), portable breathing equipment (PBE), etc)</i>	5.1	UN3356	II

7. SAFETY CONTROL MEASURES:

a. The one positive means of preventing unintentional actuation of the generator shall be installed in such a manner that the percussion primer is so completely protected from its firing pin that it cannot be physically actuated or the electric firing circuit is so completely isolated from the electric match that it cannot be electrically actuated.

b. Testing: Each unapproved chemical oxygen generator, without its packaging, must be capable of withstanding a 1.8 meter drop onto a rigid, non-resilient, flat and horizontal surface, in the position most likely to cause damage, with no actuation or loss of contents.

c. Packaging:

(1) INNER PACKAGING - Where practical, the unapproved chemical oxygen generators, or unapproved chemical oxygen generators installed in smaller size equipment, or PBE's shall be placed in a non-combustible inner packaging that fully encloses the oxygen generator or piece of equipment; and

(2) OUTER PACKAGING - Where practical, the unapproved chemical oxygen generators, or unapproved chemical oxygen generators installed in smaller size equipment,

**March 31, 2009**

or PBE's shall have an outer packaging in accordance with § 173.212 or Packaging for Airline Supplies - ATA Specification No. 300, published by the Air Transport Association of America.

(3) If the piece of equipment in which the unapproved chemical oxygen generator is installed is so large (for example - an aircraft seat) as to not be practically able to be fully enclosed in a non-combustible inner packaging and one of the outer packagings in 7.c.(2), then a visible and durable warning tag must be securely attached to the piece of equipment stating **"THIS ITEM CONTAINS A CHEMICAL OXYGEN GENERATOR."**

8. SPECIAL PROVISIONS:

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

b. 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 modifications or changes are made to the package and it is reoffered for transportation in conformance with this special permit and the HMR.

c. Marking Requirements:

(1) If the unapproved chemical oxygen generator is inside a piece of equipment which is sealed or difficult to determine if an oxygen generator is present, for example - a closed sealed passenger service unit, then a visible and durable warning sign must be attached to the piece of equipment stating **"THIS ITEM CONTAINS A CHEMICAL OXYGEN GENERATOR";** and

(2) Each outer package, and overpack if used, must be visibly and durably marked with this special permit number and the following statement:

**"THIS PACKAGE IS NOT AUTHORIZED FOR  
TRANSPORTATION ABOARD AIRCRAFT"**

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

**March 31, 2009**

10. MODAL REQUIREMENTS: This special permit imposes no additional modal requirements.
  
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.
  
  - 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

**March 31, 2009**

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.:

A handwritten signature in blue ink that reads "Aiane LaValle". The signature is written in a cursive style and is positioned above a light blue rectangular stamp.

for Theodore L. Willke  
Associate Administrator for Hazardous Materials Safety

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](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: SCW/kah