

July 27, 2006



U.S. Department  
of Transportation

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

**Pipeline and Hazardous  
Materials Safety Administration**

DOT-SP 12580  
(FOURTH REVISION)

EXPIRATION DATE: June 30, 2010

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Matheson Tri-Gas Incorporated  
East Rutherford, NJ
2. PURPOSE AND LIMITATION:
  - a. This special permit authorizes the transportation in commerce of certain non-DOT specification foreign cylinders which are charged for export only. 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 §§ 173.301(1)(1) and 173.338 in that the prescribed non-DOT specification foreign cylinders authorized herein to be charged for export are welded instead of seamless cylinders.
5. BASIS: This special permit is based on the application of Matheson Tri-Gas Incorporated dated July 10, 2006 submitted in accordance with § 107.109.

**July 27, 2006**6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Proper Shipping Name/ Hazardous Materials Description	Hazard Class/ Division	Identi- fication Number	Packing Group
Tungsten hexafluoride	2.3	UN2196	hazard zone B

7. SAFETY CONTROL MEASURES:a. PACKAGING - Packagings prescribed are:

(1) Non-DOT specification foreign stainless steel welded cylinders that are designed, manufactured, and tested in conformance with the High Pressure Gas Control Law of Japan. Cylinders must be in conformance with Kanto Koatsu Yoki Mfg. Co. Ltd. drawing GHS-CIF<sub>3</sub>-95036 and design criteria on file with the Office of Hazardous Materials Special Permits and Approvals. The valve outlet must be capped or plugged.

(2) Cylinders must have a maximum service pressure of 252.4 psi (1.74 MPa) and a minimum design burst pressure of 1528.7 psi (10.54 MPa).

b. OPERATIONAL CONTROLS -

(1) The cylinders may only be charged with Tungsten hexafluoride in the United States and shipped solely for export.

(2) Cylinders must be shipped in a strong outside packaging complying with the provisions of § 173.40(d).

(3) The shipping paper must identify the cylinders with the special permit number "DOT-SP 12580" and must carry the following certification: "This cylinder has [These cylinders have] been retested and refilled in accordance with DOT requirements for export."

(4) Cylinders must be transported by dedicated truck from Longmont, Colorado to the Matheson Tri-Gas facility in Newark, California.

**July 27, 2006**

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

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. MARKING - The outside of each package must be plainly and durably marked "DOT-SP 12580" and "For Export Only".

c. Transportation of Division 2.3 materials (gases which are poisonous by inhalation) are not authorized aboard cargo vessel unless specifically authorized in the Hazardous Materials Table (§ 172.101).

d. Packagings permanently marked 'DOT-E 12580', prior to October 1, 2007 may continue to be used under this special permit for the remaining service life of the packaging or until the special permit is no longer valid. Packagings marked on or after October 1, 2007 must be marked 'DOT-SP 12580'.

e. Shipping papers displaying 'DOT-E 12580' may continue to be used until October 1, 2007, provided the special permit remains valid.

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle and cargo vessel (see restriction in paragraph 8.c).

10. MODAL REQUIREMENTS: A current copy of this special permit must be carried aboard each cargo vessel or motor vehicle used to transport packages covered by this special permit.

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.

**July 27, 2006**

- 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:



for Robert A. McGuire  
Associate Administrator  
for Hazardous Materials Safety

Address all inquiries to: Associate Administrator for Hazardous

**July 27, 2006**

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)  
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PO: cwf/AM