



U.S. Department
of Transportation

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

**Pipeline and Hazardous
Materials Safety Administration**

SPECIAL PERMIT AUTHORIZATION

DOT-SP 13554

EXPIRATION DATE: October 31, 2010

GRANTEE: The Fertilizer Institute
Washington, DC

In response to your October 27, 2006 application for renewal of DOT-SP 13554, the grantee status to DOT-SP 13554 for The Fertilizer Institute is hereby renewed in accordance with 49 CFR § 107.109.

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.

If you have questions regarding this action please call the Office of Hazardous Materials Special Permits and Approvals at (202) 366-4535.

Issued in Washington D.C. on **November 1, 2006**.

for Robert A. McGuire
Associate Administrator
for Hazardous Materials Safety

February 12, 2009



U.S. Department
of Transportation

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

**Pipeline and Hazardous
Materials Safety Administration**

DOT-SP 13554
(EIGHTH REVISION)

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: (See individual authorization letter)
2. PURPOSE AND LIMITATION:
 - a. This special permit authorizes the continued transportation in commerce of non-DOT specification cargo tanks, described as nurse tanks, which have lost the required ASME identification plates. These nurse tanks are authorized for the transportation of anhydrous ammonia, under the conditions and terms specified in this special permit. This special permit provides no relief from the Hazardous Materials Regulations (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 § 173.315(m)(1) in that a nurse tank transporting anhydrous ammonia is not authorized unless the tank is marked in accordance with the ASME Code, except as specified herein.
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.

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6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Hazardous Materials Description			
Proper Shipping Name	Hazard Class/ Division	Identification Number	Packing Group
Ammonia, anhydrous	2.2	UN1005	N/A

7. SAFETY CONTROL MEASURES:

a. PACKAGING - Packaging prescribed is a non-DOT specification cargo tank, described as a nurse tank, as provided for in § 173.315(m). Each tank must conform to all requirements of § 173.315(m) except that the nurse tank does not have the ASME nameplate specified in § 173.315(m)(1). Each tank must be marked with a unique owner's identification number. This number must be maintained by the tank owner and the grantee and be made available to a DOT representative upon request.

b. TESTING -

(1) Each nurse tank authorized by this special permit must be inspected and tested by a person meeting the requirements of § 180.409(d).

(2) Prior to marking a nurse tank with the special permit number, the person marking the nurse tank must perform the following tests and inspections:

(i) External visual inspection and testing using the procedures specified in § 180.407(d);

(ii) Thickness tested using the procedures specified in § 180.407(i). Nurse tanks with a capacity of less than 1,500 gallon must have a minimum head thickness of 0.203 inch and a minimum shell thickness of 0.239 inch. Nurse tanks with a capacity of 1,500 gallons and above must have a minimum thickness of 0.250 inch. Any nurse tank with a thickness test reading of less than that specified above on any point on the nurse tank must be removed from hazardous material service;

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(iii) Pressure tested using the procedures specified in § 180.407(g). The minimum test pressure is 375 psig. Pneumatic testing is not authorized; and

(iv) After the tanks have successfully passed the external visual inspection and thickness and pressure tests, the tanks must be marked in accordance with § 180.415. In lieu of marking near the specification plate, the markings may be placed near the SP number markings or on the front head.

(3) Each nurse tank covered by this special permit must have the above described tests performed at least once every 5 years after the completion of the initial tests.

c. OPERATIONAL CONTROLS -

(1) Each nurse tank authorized by this special permit must be transported by a private carrier and used only for agricultural purposes.

(2) Each nurse tank operating under this special permit must be plainly and durably marked (near the special permit number marking as required by paragraph 8.c.) with a unique owner's identification number in letters and numbers at least 1/2 inch in height and width.

(3) Welded repairs are prohibited.

8. SPECIAL PROVISIONS:

a. Each tank owner of a nurse tank operated under terms of this special permit must maintain a copy of the test inspection report prepared by the inspector. The test report must contain the results of the test and meet the requirements in § 180.417(b) and be made available to a DOT representative upon request.

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

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c. Each tank must be plainly and durably marked "DOT-SP 13554" in accordance with the provisions of § 172.302(b) and (c).

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle.
10. MODAL REQUIREMENTS: The owner of each tank authorized by this special permit must have a current copy of this special permit and make it available to a DOT representative upon request.
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.

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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

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.

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PO: PTO/AM