

November 19, 2007



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 8554  
(EIGHTEENTH 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 bulk of certain Division 1.5D explosives, and/or Division 5.1 oxidizers in motor vehicles described in Paragraph 7. 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. 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 § 172.101 Hazardous Material Table Column (8c) in that Division 1.5D explosives may not be transported in bulk packagings; and §§ 173.62, 173.240, 173.242, 176.83, 176.415 and 177.848(d) in that Division 1.5D may not be transported in the same motor vehicle with Division 5.1 oxidizers.
5. BASIS: This special permit is based on the application of Austin Powder Company dated May 29, 2007, submitted in accordance with § 107.105 and the public proceeding thereon and additional information dated November 9, 2007.

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>
Ammonium Nitrate Emulsion	5.1	UN3375	II
Ammonium Nitrate-Fuel Oil Mixtures <i>containing only prilled ammonium nitrate and fuel oil.</i>	1.5D	NA0331	II
Ammonium Nitrate, <i>with not more than 0.2 percent of combustible substances, including any organic substance calculated as carbon, to the exclusion of any other added substance.</i>	5.1	UN1942	III
Explosive, Blasting, type B or Agent blasting, Type B	1.5D	UN0331	II
Explosive, blasting type E or Agent blasting, Type E	1.5D	UN0332	II
Hypochlorite solution	8	UN1791	II
Ammonium nitrate emulsion or Ammonium nitrate suspension or Ammonium nitrate gel, <i>intermediate for blasting explosives</i>	5.1	UN3375	II
Oxidizing liquid, n.o.s *	5.1	UN3139	II
Oxidizing solid, n.o.s.*	5.1	UN1479	III

\* These oxidizing substances shall not meet the definition for UN3375 Ammonium nitrate emulsion, suspension or gels as given in 49 CFR Section 172.101(c) Table Special Provision 147.

**NOTE:** Products classified as Blasting explosives or oxidizing substance, liquid must be specifically identified to and acknowledged in writing by the Office of Hazardous Materials Special Permits and Approvals (OHMSPA) prior to the first shipment.

7. SAFETY CONTROL MEASURES:

- a. Pick-up tank truck shown on drawing D-10052 (5/3/73) and described on Specification Sheet dated 7/19/73.
- b. Pump truck shown on drawing SW 80 MC 17 (2/29/80).
- c. Pump truck shown on drawing PRDL-5-3424 (8/1/79).
- d. Tank trailer shown on drawing UND 173801 M-1 (10/12/64), UND 173801 M-3 (10/16/64) UND 173801 M-4 (10/16/64), and A 670 E3161 (11/29/55).
- e. DOT Specification 406, 407 and 412 cargo tanks and DOT Specification MC 306, MC 307 and MC 312 cargo tanks. These tanks are not required to have internal self-closing shut-off valves as required by sections 178.341-5, 178.342-5 and 178.343-5.
- f. Cargo tanks identified in E. I. Dupont's letter dated August 21, 1984 shown on drawings PRDL-5-3764, PRDL-5-3745, PRDL-5-3748 and PRDL-5-3749.
- g. Non-DOT specification cargo tanks manufactured prior to May 11, 2004 with the following serial/vehicle numbers: TK900183-5016-1; IM2AA05YXLW004862; 1TK997339-1368; 1HTZR00076HA44348; TK900183-5016-2; YXD02114-517306; TK902063-6455; and 1TK997340-1370.
- h. Other motor vehicles specifically identified to, and acknowledged in writing by, the OHMSPA prior to the first shipment are also authorized.
- i. The following packagings are authorized for the Class 8 hazardous materials:
  - (i) Non-specification metal-plastic composite containers shown in ETI Drawing No. F-4752(Revision 1) which is suitable for the transportation of UN1791, Packing Group II liquids. Drawing is on file with OHMSPA.
  - (ii) Non-specification metal containers of similar design which have been authorized in writing by the Associate Administrator for Hazardous Materials Safety prior to first shipment may also be used.

(iii) The containers must have a net volumetric capacity of not more than 430 liters (111 gallons) and must be permanently mounted in the motor vehicle cargo area. The container may not have a common wall with other compartments or tanks containing Division 1.5 explosive materials or Division 5.1 liquid oxidizing materials.

8. SPECIAL PROVISIONS:

a. Each cargo tank used under this special permit is authorized only when it is used in dedicated service for the materials listed in paragraph 6.

b. Each cargo tank must be reinspected and retested in accordance with § 180.407. Pneumatic testing is authorized in place of the required hydrostatic test.

c. 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.

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

e. MARKING - Each cargo tank must be plainly marked on the right side near the front, in letters at least two inches high on a contrasting background, "DOT-SP 8554".

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

10. MODAL REQUIREMENTS:

a. Only DOT specification cargo tanks described in paragraph 7.e. are authorized for shipment by cargo vessel.

b. Shipment by highway is limited to transportation by private carriage only, or to common or contract carriers specifically identified to, and acknowledged in writing by the OHMSPA prior to the first shipment.

c. For transportation of Division 1.5D and/or Division 5.1 in cargo tanks by cargo vessel, the following must apply:

(i) The cargo tank must be stowed "on deck" only.

(ii) They must be separated from other hazardous materials in accordance with the requirements for Division 1.1D explosives. In addition, they must be stowed "separate from" non-regulated readily combustible materials, as defined in § 176.83(d).

(iii) They must be stowed in a readily accessible location which can be reached by at least two streams of water from separate fire hydrants, or if carried on an unmanned barge, by an effective stream of water from a vessel alongside.

(iv) Before the cargo tanks are loaded on or discharged from a vessel at any point in the United States, the carrier must obtain a permit from the Coast Guard Captain of the Port. A current copy of this special permit must be provided to the Captain of the Port when requesting a permit.

d. 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.
- 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

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.  
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