

May 11, 2011



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 14282  
(EIGHTH REVISION)

1. GRANTEE: (See individual authorization letter)
2. PURPOSE AND LIMITATION:
  - a. This special permit authorizes the transportation in commerce of certain detonators, detonator assemblies, detonators for ammunition detonating fuzes and igniting fuzes on the same motor vehicle with any other Class 1 explosives when they are in separate and isolated (i.e. not adjacent) cargo-carrying compartments powered by the same tractor. 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 § 177.835(g) in that the transportation of detonators and detonator assemblies on the same motor vehicle with any other Class 1 explosives is not authorized, except as specified herein and § 172.301(c) in that the special permit number is not required to be marked on each package.
5. BASIS: This special permit is based on the application of T.F. Boyle Transportation, Inc. (Boyle Transportation) dated January 13, 2010 submitted in accordance with § 107.105 and the public proceeding thereon.

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>
Detonator assemblies, non-electric <i>for blasting*</i>	1.1B	UN0360	II
Detonator assemblies, non-electric <i>for blasting*</i>	1.4B	UN0361	II
Detonator, assemblies, non-electric <i>for blasting*</i>	1.4S	UN0500	II
Detonators, electric <i>for blasting*</i>	1.1B	UN0030	II
Detonators, electric <i>for blasting*</i>	1.4B	UN0255	II
Detonators, electric <i>for blasting*</i>	1.4S	UN0456	II
Detonators for ammunition*	1.1B	UN0073	II
Detonators for ammunition*	1.2B	UN0364	II
Detonators for ammunition*	1.4B	UN0365	II
Detonators for ammunition*	1.4S	UN0366	II
Detonators, non-electric <i>for blasting*</i>	1.1B	UN0029	II
Detonators, non-electric <i>for blasting*</i>	1.4B	UN0267	II
Detonators, non-electric <i>for blasting*</i>	1.4S	UN0455	II
Fuzes, detonating*	1.1B	UN0106	II

<b>Hazardous Materials Description</b>			
<b>Proper Shipping Name</b>	<b>Hazard Class/ Division</b>	<b>Identification Number</b>	<b>Packing Group</b>
Fuzes, detonating*	1.2B	UN0107	II
Fuzes, detonating*	1.4B	UN0257	II
Fuzes, detonating*	1.4S	UN0367	II
Fuzes, detonating, with protective features*	1.1D	UN0408	II
Fuzes, detonating, with protective features*	1.2D	UN0409	II
Fuzes, detonating, with protective features*	1.4D	UN0410	II
Fuzes, igniting*	1.3G	UN0316	II
Fuzes, igniting*	1.4G	UN0317	II
Fuzes, igniting*	1.4S	UN0368	II

\*Individual articles with this proper shipping name must be examined and approved by PHMSA and receive an EX-number prior to first transport

7. SAFETY CONTROL MEASURES: PACKAGING - All electric and non-electric detonators, non-electric detonator assemblies detonators for ammunition, detonating fuzes and igniting fuzes must be packaged in full, closed cases according to any special packaging instructions stated in their DOT explosive classification approvals. When no packaging instructions is stated in an approval, the explosives must be packaged according to the Packaging Instruction given for the UN identification number in the 49 CFR § 173.62(c) Table.

- a. When Class 1 explosives other than the electric or non-electric detonators, detonators for ammunition, detonating fuzes, igniting fuzes or non-electric detonator assemblies are transported in a cargo van trailer attached to a motorized tractor unit, the detonators and/or detonator assemblies must be isolated from them in a rugged, crush-resistant locked and sealed metal or reinforced fiberglass cargo-carrying compartment (a.k.a. "dromedary box") located immediately behind the cab of the tractor unit.
- b. When Class 1 explosives other than the electric or non-electric detonators, detonators for ammunition, detonating fuzes, igniting fuzes or non-electric detonator assemblies are transported in an integrated (a.k.a. "straight") truck cargo compartment, the detonators and/or detonator assemblies must be isolated from the Class 1 material in a rugged, crush-resistant locked and sealed metal or reinforced fiberglass cargo-carrying compartment (a.k.a. "dromedary box") securely affixed to a towed trailer or a van-type trailer attached by a fifth-wheel, or other standard securing system, properly engineered to prevent unstable towing conditions.
- c. The rugged, crush-resistant locked and sealed metal or reinforced fiberglass cargo-carrying compartments (a.k.a. "dromedary boxes") segregating Class 1 explosives other than the electric or non-electric detonators, detonators for ammunition, detonating fuzes, igniting fuzes or non-electric detonator assemblies from detonators and/or detonator assemblies shall not be adjacent or have adjoining walls.
- d. No Division 1.1A explosive substances may be contained in any compartment of the motor vehicle.
8. SPECIAL PROVISIONS: A current copy of this special permit must be maintained at each facility where the package is offered or reoffered for transportation.
9. MODES OF TRANSPORTATION AUTHORIZED: Motor Vehicle.
10. MODAL REQUIREMENTS: A current copy of this special permit must be carried aboard each 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 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 explosion or fire related to a package, shipment or operation conducted under terms of this special permit.

Issued in Washington, D.C.:



for Dr. Magdy El-Sibaie  
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