

August 31, 2010



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 14933

**EXPIRATION DATE: July 31, 2012**

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Tobin Scientific, Division of Tobin & Sons Moving and Storage, Inc.  
Peabody, MA
2. PURPOSE AND LIMITATION:
  - a. This special permit authorizes the transportation in commerce of certain Division 6.2 infectious substances and biological substances packaged in special packagings in a dedicated truck by highway. 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 the development of this special permit only considered the hazards and risks associated with the 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 § 173.196(a) and (b), and § 173.199 in that packaging requirements are waived; and 178.609 in that test requirements for packagings are waived.
5. BASIS: This special permit is based on the application of Tobin Scientific, Division of Tobin & Sons Moving and Storage, Inc. dated September 23, 2009 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>
Infectious substances, affecting animals only	6.2	UN2900	N/A
Infectious substances, affecting humans*	6.2	UN2814	N/A
Biological substance, Category B	6.2	UN3373	N/A

\*Infectious substances for which effective treatments and preventive measures are not usually available are not allowed under this special permit.

7. SAFETY CONTROL MEASURES:a. PACKAGING -

(1) Infectious substances and biological substance, as listed in Paragraph 6, must be packed as follows: The substances, contained in sealed cryo-vials (primary receptacles), must be packaged in individual portable cryogenic liquid nitrogen refrigerated shippers (Dewar flasks) inside insulated portable tanks (42" D x 59" H) containing no more than 133 L of liquid nitrogen. The volume of the substance in each vial must not exceed 2 mL. Portable cryogenic refrigerated shippers must be tightly closed and secured to prevent movement of the vials during transport. Not more than 210 vials must be placed in a portable cryogenic refrigerated shipper. Not more than 12 shippers must be placed in an insulated portable tank. Not more than 4 insulated portable tanks will be loaded on a liquid nitrogen freezer. The liquid nitrogen freezer serves as the outer packaging.

(2) The insulated portable tanks and the liquid nitrogen freezer are constructed of stainless steel.

(3) The substances within the shippers and portable tanks must be kept frozen within the operating temperature range of -130 °C to -135 °C using liquid nitrogen. A back-up liquid nitrogen supply tank to keep the substances within the operating temperature range for at least twice the estimated travel time must be used in the supply tank on the transport vehicle.

(4) All insulated portable tanks must be secured against movement in the transport truck.

(5) The liquid nitrogen freezer must be secured against movement in the transport truck.

b. OPERATIONAL CONTROLS -

(1) This special permit authorizes the transport of packages containing infectious substances and biological substance using a specially designed dedicated refrigerated truck. The transport vehicle must be operated by Tobin & Sons Moving and Storage, Inc. The loading of the substances must be performed by trained company employees.

(2) Not more than one transport vehicle may be operated at all times.

(3) An itemized list of contents must be securely attached to the outside of each liquid nitrogen freezer.

(4) Emergency equipment necessary to mitigate a spill must accompany each transport vehicle.

8. SPECIAL PROVISIONS:

a. 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 and it is reoffered for transportation in conformance with this special permit and the HMR.

b. 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 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 Material Safety Administration, U.S. Department of Transportation, East Building PHH-30, 1200 New Jersey Avenue, Southeast, Washington, D.C. 20590.

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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