

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

# DOT-SP 10049 (ELEVENTH REVISION)

(FOR RENEWAL, SEE 49 CFR § 107.109)

- 1. GRANTEE: (See individual authorization letter)
- 2. PURPOSE AND LIMITATION:
  - a. This special permit authorizes the use of a polyurethane insulated cargo tank conforming with MC 331 built prior to 1984 to transport the hazardous materials prescribed in paragraph 6 below. This special permit provides no relief from any Hazardous Materials Regulation (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. 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, 173.318, 173.320, 173.337, 177.840 except as specified herein.
- 5. <u>BASIS</u>: This special permit is based on the application of Enderby Gas, Inc. dated March 27, 2006, submitted in accordance with § 107.109.

## 6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Proper Shipping Name/ Hazardous Materials Description	Hazard Class/ Division	Identi- fication Number	Packing Group
Petroleum gases, liquefied (or) Liquefied petroleum gas	2.1	UN1075	N/A
Ethane	2.1	UN1035	N/A
Ethane, refrigerated liquid	2.1	UN1961	N/A
Ethane-Propane mixture, refrigerated liquid	2.1	NA1961	N/A
Ethylene, refrigerated liquid (cryogenic liquid)	2.1	UN1038	N/A
Methane, compressed gas	2.1	UN1971	N/A
Compressed gas, flammable, n.o.s.	2.1	UN1954	N/A

### 7. SAFETY CONTROL MEASURES:

- a. PACKAGING Packagings prescribed are polyurethane insulated, non-DOT specification cargo tanks bearing serial numbers 60978 through 60989. Each cargo tank is designed and constructed in accordance with Section VIII of the ASME Code with a design pressure of 275 PSIG for the internal tank.
  - 1. Each cargo tank conforms with Evans Tank Company's drawings TR-1811-A Rev. 0, TR-1811-A1 Rev. C, TR-1811-A2 Rev. B, TR-1811-A3 Rev. A, TR-1811-A4X Rev. 0, TR-1811-A5 Rev. 0 on file with the Office of Hazardous Materials Special Permits and Approvals (OHMSPA), and to DOT Specification MC 331 (§ 178.337), except for specification marking.

- 2. Each cargo tank must be marked "DOT-SP 10049" instead of "MC 331". New construction is not authorized.
- b. Design temperature is  $-130^{\circ}F$  for the inner tank. Water capacity is 9,600 gallons for the inner tank. Tank material is SA 240 type 304 stainless steel for the inner tank and outer jacket.

#### 8. SPECIAL PROVISIONS.

- a. Each cargo tank must be reinspected and retested once every 5 years in accordance with § 180.407(c) at a pressure (in PSIG) of 14.7 plus one and one-half times the sum of the design pressure plus the static head as prescribed for DOT Specification MC 331 cargo tanks.
- b. Each cargo tank must be plainly marked "DOT-SP 10049", on the right side near the middle, in letters at least two inches high on a contrasting background.
- c. Each cargo tank must be prepared and shipped as required in  $\S\S$  173.315 or 173.318, as applicable for the lading.
- d. No person may transport or offer for transportation a charged cargo tank unless the pressure of the lading is equal to or less than that used to determine the marked rated holding time (MRHT) and the one way travel time is equal to or greater than the elapsed time between the start and termination of travel.
- e. The actual holding time for each cargo tank must be determined after each shipment. If it is determined that the actual holding time is less than 90 percent of the MRHT of the cargo tank, it may not be refilled until it is restored to its MRHT or the tank is re-marked with the holding time determined by this examination.
- f. 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 modifications or changes are made to the package and it is reoffered for transportation in conformance with this special permit and the HMR.

- g. A current copy of this special permit must be maintained at each facility where the package is offered or reoffered for transportation.
- h. Packagings permanently marked 'DOT-E 10049', 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 10049'.
- i. Shipping papers displaying 'DOT-E 10049' may continue to be used until October 1, 2007, provided the special permit remains valid.
- 9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle.

### 10. MODAL REQUIREMENTS:

- a. A current copy of this special permit must be carried aboard each motor vehicle used to transport packages covered by this special permit.
- b. Carriers transporting cargo tanks authorized under the terms of this special permit must hold a "Conditional" or "Satisfactory" safety rating, as prescribed in Part 385 of 49 CFR.
- 11. <u>COMPLIANCE</u>: 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 <u>et</u> 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 Robert A. McGuire Associate Administrator

P. Ryan Forla

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 <a href="http://hazmat.dot.gov/sp\_app/special\_permits/spec\_perm\_index.htm">http://hazmat.dot.gov/sp\_app/special\_permits/spec\_perm\_index.htm</a>
Photo reproductions and legible reductions of this special permit are permitted. Any alteration of this special permit is prohibited.

PO:PTO/AM