

April 6, 2006



U.S. Department  
of Transportation

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

**Pipeline and  
Hazardous Materials  
Safety Administration**

DOT-SP 13020  
(FIRST REVISION)

**EXPIRATION DATE: March 31, 2010**

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Bristol Bay Contractors, Inc.  
King Salmon, Alaska
2. PURPOSE AND LIMITATION:
  - a. This special permit authorizes the transportation in commerce of propane in certain non-DOT specification IMO Type 5 portable tanks. This special permit provides no relief from the Hazardous Materials Regulations (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. Party status will not 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 § 173.315 and 173.243(c) in that non-DOT specification IMO Type 5 portable tanks are not authorized, except as specified herein.
5. BASIS: This special permit is based on the application of Bristol Bay Contractors, Inc. dated March 13, 2006 submitted in accordance with § 107.109.

April 6, 2006

6. HAZARDOUS MATERIALS (49 CFR § 172.101):

<b>Hazardous Material Description</b>			
<b>Proper Shipping Name</b>	<b>Hazard Class/ Division</b>	<b>Identification Number</b>	<b>Packing Group</b>
Propane	2.1	UN1978	N/A

7. SAFETY CONTROL MEASURES:

a. Packagings prescribed are two non-DOT specification, non-insulated, portable tanks, each of which originally was designed and constructed in accordance with DOT-SP 8125. The portable tanks have been modified to install a one-inch nozzle for a roto gage in accordance with an unnumbered Pacific Marine Repair drawing dated 2-14-02 on file with the Office of Hazardous Materials Special Permits and Approvals (OHMSPA), and in compliance with the following:

- (1) Code--Complies with ASME Section VIII Div. 1 but not certified, and to IMO Type 5 specification.
- (2) Number of Compartments - One.
- (3) Tank Size (inches): Diameter - 94.5; Length -235.8
- (4) Thickness (inches): Shell -0 .687; Head - 0.750.
- (5) Water Capacity (U.S. Gallons) - 6,418.
- (6) Material - Carbon steel or nickel alloy steel with tensile strength - 82,300 psi, yield strength - 56,560 psi and elongation - 22%.
- (7) Design Pressure (PSIG) - 294.

Note: Design pressure means "maximum allowable working pressure (MAWP)" as used in the ASME Code.

- (8) Test Pressure, Minimum (PSIG) - 441.
- (9) Tank Surface Area (square feet) - 523.
- (10) Pressure Relief Devices - Each tank must be

**April 6, 2006**

equipped with 2 safety relief valves in series with an outboard of one rupture disc all set to relieve at not less than the design pressure and not more than 110 per cent of the tank design pressure. Total venting capacity must be at least 1,455,000 SCFH. Additionally, the inlet of the pressure relief device must be in direct communication with vapor space at the midlength of the top centerline of the tank.

(11) G-Loadings: Vertical down 2; Vertical up 1; Longitudinal 2; and Transverse 1.

(12) Maximum Gross Weight - 61,729 pounds.

b. Each tank must be equipped with an emergency control discharge valve consisting of internal shut-off valves that are provided with remote control means of automatic closure both mechanical and thermal. The fusible element in the thermal device may not have a melting point exceeding 250°F.

c. Tank serial numbers are 35350 and 35361.

d. Each tank is authorized to be equipped with a roto-gage level indicator. Valves to this gauge must be closed during transportation.

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 modifications or changes are 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.

c. Each portable tank must be plainly and durably marked on both sides near the middle, in letters and numbers at least two inches high on a contrasting background with the special permit number "DOT-SP 13020".

d. When transporting liquefied compressed gases, the tank must be filled in accordance with the provisions of § 173.315.

**April 6, 2006**

- e. Each tank must be (i) visually inspected prior to each trip to insure that it has not been damaged on the previous trip; and (ii) retested and reinspected once every five years in accordance with § 173.32 as prescribed for DOT Specification 51 portable tanks.
- f. Hydrostatic test certifications for each tank must be maintained by the owner or manufacturer at its principal business office and be made available to any representative of the DOT upon request.
- g. Portable tanks may not be transported in container-on-flat car (COFC) or trailer-on-flat car (TOFC) service except under conditions approved by the Associate Director for Safety, Federal Railroad Administration.
- h. Packagings permanently marked 'DOT-E 13020', 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 13020'.
- h. Shipping papers displaying 'DOT-E 13020' may continue to be used until October 1, 2007, provided the special permit remains valid.
9. MODES OF TRANSPORTATION AUTHORIZED: Cargo vessel, motor vehicle and rail freight.
10. MODAL REQUIREMENTS: A current copy of this special permit must be carried aboard each cargo vessel and 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.

**April 6, 2006**

- 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 Robert A. McGuire  
Associate Administrator  
for Hazardous Materials Safety

**April 6, 2006**

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: PTOlson/sln