U.S. Department
of Transportation

**Pipeline and Hazardous
Materials Safety
Administration**

October 24, 2023

1200 New Jersey Avenue, SE
Washington, DC 20590

DOT-SP 11911
(TWENTIETH REVISION)

EXPIRATION DATE: 2025-02-28

(FOR RENEWAL, SEE 49 CFR 107.109)

1. GRANTEE: Transfer Flow, Inc.
Chico, CA

2. PURPOSE AND LIMITATIONS:

a. This special permit authorizes the manufacture, mark, sale, and use of non-DOT specification metal tanks containing certain Class 3 liquids. The Class 3 liquids are authorized to be discharged from the tanks without removing the tanks from the motor vehicle on which they are transported. 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. The safety analyses did not consider the hazards and risks associated with consumer use or other uses not associated with transportation in commerce.

c. In accordance with 49 CFR 107.107(a), party status may not be granted to a manufacturing special permit. These packagings may be used in accordance with 49 CFR 173.22a.

3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.

4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 177.834(h) in that the tank may be discharged without removing the tank from the motor vehicle on which it is transported and § 178.700(c)(1) in that the size of the authorized package is less than 119 gallons.

5. BASIS: This special permit is based on the application of Transfer Flow, Inc. received May 5, 2023, submitted in accordance with § 107.105 and the public proceeding thereon and additional information dated October 17, 2023.

6. HAZARDOUS MATERIALS (49 CFR 172.101):

Hazardous Materials Description			
Proper Shipping Name	**Hazard Class/ Division**	**Identi-fication Number**	**Packing Group**
Diesel fuel	3	NA1993	III
Ethanol	3	UN1170	II, III
Flammable liquids, n.o.s.*	3	UN1993	II, III
Fuel, aviation, turbine engine	3	UN1863	II, III
Gasoline	3	UN1203	II
Kerosene	3	UN1223	III
Methanol	3	UN1230	II
Ethanol and gasoline mixture	3	UN3475	II

*The vapor pressure must be less than 16 psia at 130 °F.

7. SAFETY CONTROL MEASURES:

a. PACKAGING: The prescribed packagings are:

(1) Metal non-DOT specification tanks used for refueling or for dual applications – to feed fuel to a generator or as a refueling tank – constructed of aluminum, stainless steel, or aluminized steel conforming with all the requirements for a UN31A or UN31B intermediate bulk container (IBC) except for water capacity. Tanks may contain a recessed electric pump and optional fuel meter and fuel filter. The size of the tank must not exceed 119 gallons;

(2) Metal non-DOT specification refueling tanks with a recessed electric pump and optional fuel meter and fuel filter must be constructed of aluminum, stainless steel, or aluminized steel conforming with all the requirements for a DOT Specification UN31A or UN31B IBC except for water capacity. Tanks must be manufactured in accordance with Transfer Flow, Inc. drawings: 060-01-14003,

dated December 28, 2009; 060-01-13228, dated September 25, 2008; 060-01-13996, dated December 28, 2009; 060-01-13999, dated December 28, 2009; 060-01-14001, dated December 28, 2009; 060-01-14005, dated December 28, 2009; 060-01-13658, dated December 28, 2009; 060-01-11443, dated March 19, 2007; 060-01-13801, dated June 5, 2007; 060-01-13534, dated March 23, 2007; 060-01-13723, dated March 23, 2007; 060-01-14110, dated March 12, 2008; 060-01-14651, dated May 1, 2009; 060-01-14824, dated December 1, 2009; 060-01-14830, dated November 13, 2009; 060-01-14885, dated January 18, 2010; 060-01-14887, dated January 18, 2010; 060-01-15026, dated May 28, 2010; 060-01-15054, dated May 28, 2010; 060-01-15107, dated May 28, 2010; or 060-01-16982, dated September 30, 2019, on file with the Office of Hazardous Materials Safety (OHMS). In all configurations, the pump must be recessed below the upper level of the tank to provide protection to the pump; or

(3) Metal non-DOT specification dual application tanks – used to feed fuel to a generator or as a refueling tank – must be constructed of aluminum, steel, or aluminized steel conforming with all requirements for DOT Specification UN31A or UN31B IBC except for water capacity. Tanks must be manufactured in accordance with Transfer Flow, Inc. drawings: 060-01-13690, dated September 25, 2008; 060-01-13345, dated March 16, 2009; or 060-01-13347, dated July 10, 2009, on file with OHMS.

(4) Each tank manufactured to paragraph 7.a.(2) or 7.a.(3) must be closed using gas caps manufactured in accordance with Transfer Flow, Inc. drawings: 070-GC-07802, dated July 6, 2005; 070-GC-31975, dated July 15, 2008; 070-GC-31885, dated February 10, 2010; 070-GC-00081, dated February 8, 2010; 070-GC-33165, dated May 28, 2010; 070-GC-33272, dated May 28, 2010; 070-GC-34172, dated March 12, 2018; 070-GC-34173, dated March 9, 2018, 070-GC-34174, dated March 12, 2018; 070-GC-34074, dated May 9, 2018; or 070-GC-34296 dated August 29, 2019, on file with OHMS.

b. TESTING: Each design type must meet the testing and certification requirements specified in § 178.803 for metal IBCs. IBCs manufactured and sold with the pump attached must be tested with the pump attached. Except for IBCs manufactured in accordance with paragraphs 7.a.(2) and 7.a.(3) of this special permit, IBCs manufactured with the discharge outlet located below its highest point and sold with the pump attached must be tested with the pump and required shutoff/check valve attached. Each tank must be periodically retested every 2.5 years in accordance with the requirements of § 180.352.

c. OPERATIONAL CONTROLS:

(1) Tanks must be attended at all times during loading and unloading operations by a qualified person. For the purposes of this requirement, “attended” and “qualified” must have the meanings described in § 177.834(i)(3) and (4), respectively.

(2) Pumps and hoses may be attached to discharge outlets during transportation if:

(i) For IBCs manufactured in accordance with paragraph 7.a.(1), if the discharge outlet is at the highest point of the tank. If the discharge outlet is below the highest point of the tank, a shutoff valve must be installed between the tank and the pump. The shutoff valve is not required if the pump assembly contains an internal check valve. The valve must be in the closed position during transportation;

(ii) The highest points of the attached pump, hoses, and tank remain below the "safe zone" line. The "safe zone" line for a typical pickup truck is defined as a line from five inches below the roof of the vehicle to the top of the vehicle's tailgate. The "safe zone" line for a utility pickup truck utilizing tank design drawing 080-01-17324, dated February 21, 2023, and on file with OHMS, is defined as a line from five inches below the roof of the vehicle to the top of the vehicle's tailgate or rear-most bed rails, whichever is higher;

(iii) The pump hose and nozzle are locked to the pump using a keyed or combination lock during transportation; and

(iv) The operator has emptied the contents of the hose by inverting the polarity of the attached pump and pumping from the hose into the tank for a minimum of 15 seconds.

(3) Tanks may not be manifolded together.

(4) Electrical power must be disconnected from the pump during transportation.

(5) Each tank must be marked and labeled or placarded in accordance with the requirements for IBCs in § 172.514.

8. SPECIAL PROVISIONS:

a. In accordance with the provisions of Paragraph (b) of § 173.22a, persons may use the packaging authorized by this special permit for the transportation of the hazardous materials specified in paragraph 6, only in conformance with the terms of this special permit.

b. 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 offered for transportation in conformance with this special permit and the HMR.

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

d. Each packaging manufactured under the authority of this special permit must be either (1) marked with the name of the manufacturer and location (city and state) of the facility at which it is manufactured or (2) marked with a registration symbol designated by the Office of Hazardous Materials Safety for a specific manufacturing facility.

e. A current copy of this special permit must be maintained at each facility where the package is manufactured under this special permit. It must be made available to a DOT representative upon request.

f. A test report documenting satisfactory testing of IBCs manufactured and fitted with pumps (see the requirements of § 178.800) must be on file with OHMS prior to the sale of such IBCs.

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:

- All terms and conditions prescribed in this special permit and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
- 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.
- 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 William Schoonover
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-13, 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 https://www.phmsa.dot.gov/approvals-and-permits/hazmat/special-permits-search. Photo reproductions and legible reductions of this special permit are permitted. Any alteration of this special permit is prohibited.

PO: VC