



U.S. Department
of Transportation

**Pipeline and Hazardous
Materials Safety
Administration**

March 28, 2025

1200 New Jersey Avenue, SE
Washington, DC 20590

DOT-SP 20251
(SIXTH REVISION)

EXPIRATION DATE: 2027-02-28

(FOR RENEWAL, SEE 49 CFR 107.109)

1. GRANTEE: Salco Products Inc.
Lemont, IL
2. PURPOSE AND LIMITATIONS:
 - a. This special permit authorizes the manufacture, mark, sale, and use of manway assemblies constructed from stabilized polyethylene for installation on certain DOT specification cargo tank motor vehicles used in transporting certain hazardous materials. 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. In accordance with 49 CFR 107.107(a), party status may not be granted to a manufacturing 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 § 178.345-1 in that the polyethylene plastic manhole assemblies are not manufactured in accordance with the ASME Code, § 180.413 in that the use of polyethylene plastic manhole assemblies to replace the existing manhole assemblies on certain DOT specification cargo tank motor vehicles are not considered to be a modification, and § 172.203(a) in that it is not required to mark the special permit number on the shipping papers.

Tracking Number: 2024125180

5. BASIS: This special permit is based on the application of Salco Products Inc. dated March 24, 2023, and submitted in accordance with § 107.109 and additional information of December 16, 2024.
6. HAZARDOUS MATERIALS (49 CFR 172.101):

Hazardous Materials Description			
Proper Shipping Name	Hazard Class/ Division	Identification Number	Packing Group
Class 8 materials authorized to be transported in a lined DOT 412 cargo tank motor vehicle, Class 8 liquid and solid waste materials/specific chemical name or generic description as appropriate	8	Various	I, II or III
Class 3 liquid and solid waste materials/specific chemical name or generic description as appropriate	3	Various	I, II or III
Class 6.1 liquid and solid waste materials/specific chemical name or generic description as appropriate	6.1	Various	I, II or III
Class 9 liquid and solid waste materials/specific chemical name or generic description as appropriate	9	Various	III

7. SAFETY CONTROL MEASURES:

a. PACKAGING:

(1) The grantee of this special permit is authorized to manufacture, mark, sell, and use manway assemblies made of stabilized polyethylene plastic for installation on DOT Specification MC 307, 312, DOT 407, 412 cargo tank motor vehicles, or Fiber Reinforced Plastic Cargo Tank Trailers manufactured under special permits either as installations on new tanks or as replacements of manway assemblies on existing tanks.

(2) If a polyethylene manway is installed as a replacement on an existing DOT Specification MC 307, 312, DOT 407, 412 cargo tank, or Fiber Reinforced

Plastic Tank Trailer manufactured under a special permit, no cutting or welding on the tank shell, heads, or manway nozzle flange is permitted. The new polyethylene manway cover or assembly must bolt directly to the original manway flange.

(3) The authorized manway assemblies conform to the design criteria in the applications on file with the Office of Hazardous Materials Safety and to the following Salco Products Inc. Drawings:

Drawing Number	Date	Title
E43401	03/07/2016	Truck Manway 18" Lined
E43401 RC	08/31/2018	Truck Manway 18" Lined
E43402	03/07/2016	Truck Manway 18"
E43402 RC	09/11/2018	Truck Manway 18"
E43267	11/02/2015	Truck Manway 18" Lined
E43396 RD	11/01/2018	Truck Manway 18" Lined
E43397	07/07/2016	Truck Manway 18"
E43397 RC	09/11/2018	Truck Manway 18"
E43394	03/07/2016	Truck Manway 18" Lined
E43394 RD	08/31/2018	Truck Manway 18" Lined
E43395	03/07/2016	Truck Manway 18"
E43395 RC	09/11/2018	Truck Manway 18"
E42637R2	03/16/2016	Truck Manway 18" Lined
E42637 RC	08/31/2018	Truck Manway 18" Lined
E42638R3	03/16/2016	Truck Manway 18"
E42638 RC	09/11/2018	Truck Manway 18"
E41593R2	03/16/2016	Truck Manway 20"

Drawing Number	Date	Title
E41593 RC	08/31/2018	Truck Manway 20" Lined
E41594R3	03/16/2016	Truck Manway 25"
E41594 RC	09/11/2018	Truck Manway 25"
E41651R1	03/16/2016	Truck Manway 20" Lined
E41651 RC	08/31/2018	Truck Manway 20" Lined
E41654R3	03/16/2016	Truck Manway 20"
E41654 RC	09/11/2018	Truck Manway 20"
E41606R1	12/29/2015	Truck Manway 20" Lined
E41606 RC	08/31/2018	Truck Manway 20" Lined
E41610R3	03/16/2016	Truck Manway 20"
E41610 RC	09/11/2018	Truck Manway 20"
E41625R2	12/29/2015	Truck Manway 20" Lined
E41625 RC	08/31/2018	Truck Manway 20" Lined
E41639R3	03/10/2016	Truck Manway 20"
E41639 RC	09/11/2018	Truck Manway 20"

b. TESTING:

(1) Following the installation of the polyethylene manway assembly on a DOT Specification 407, 412, or MC 307, 312 cargo tank motor vehicle, or Fiber Reinforced Plastic Tank Trailer authorized under a special permit, the tank must be pressure tested under the hydrostatic pressure test method procedure stated in §§ 180.407(g)(1)(viii) and 180.407(g)(6).

(2) Visual inspection shall be as required by § 180.407(d) and (e) and include manufacturer's criteria for repair or replacement.

c. OPERATIONAL CONTROLS:

- (1) The pressure test in paragraph 7.b must be performed by persons qualified in conformance with § 180.409.
- (2) Each manway manufactured under the authority of this special permit must be marked “DOT-SP 20251”.
- (3) Prior to replacing the manway, each cargo tank motor vehicle used to transport flammable or toxic lading must be cleaned of residue and purged of vapors so any potential hazard is removed.
- (4) The compatibility of each commodity with respect to the cargo tank/manway assembly offered for transportation must be based on testing or compatibility information provided by the manufacturer. This information must be retained by the owner and manufacturer for as long as the cargo tank is in service. Prior to loading the cargo tank, the cargo tank owner is responsible for determining commodity compatibility. Shippers using cargo tanks authorized under the terms of this special permit must comply with the compatibility requirements of § 173.24(e).
- (5) Manway inspections shall conform to the criteria and frequencies established by the manway manufacturer. A report of all tests and inspection results shall be maintained by the cargo tank owner while the cargo tank is in service.
- (6) The manufacturer shall be notified of defects found as a result of inspections and authorize any repairs.

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, but 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. Each manway 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.
 - d. A current copy of this special permit must be maintained at each facility where the package is manufactured under this special permit. A current copy must be made available to a DOT representative upon request.
 - e. A current copy of this special permit must be maintained by each company utilizing packagings manufactured under this special permit. A current copy of this special permit must be made available to a DOT representative upon request.
9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle.
10. MODAL REQUIREMENTS: None as a requirement of 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 William Schoonover
Associate Administrator for Hazardous Materials Safety

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Pipeline and Hazardous Materials 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: KH