

September 17, 2018



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 15458  
(THIRD REVISION)

**EXPIRATION DATE: 2022-07-31**

(FOR RENEWAL, SEE 49 CFR 107.109)

1. GRANTEE: Southern States, LLC  
Hampton, GA
2. PURPOSE AND LIMITATION:
  - a. This special permit authorizes the transportation in commerce of specially designed non-DOT specification pressure vessels containing compressed sulfur hexafluoride. 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 § 172.301(c) in that each package must be marked with the special permit number and § 173.304(a) in that a non-DOT specification packaging is not authorized, except as specified herein.
5. BASIS: This special permit is based on the application of Southern States, LLC dated August 23, 2018, submitted in accordance with § 107.109.

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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>
Sulfur hexafluoride	2.2	UN1080	N/A

7. SAFETY CONTROL MEASURES:

a. PACKAGING: Packagings prescribed are cycloalipatic epoxy non-DOT specification pressure vessels as described in the application on file with the Office of Hazardous Materials Safety Approvals and Permits Division (OHMSAPD). Each pressure vessel must conform to Southern States, LLC drawings on file with the Office of Hazardous Materials Safety Approvals & Permits Division (OHMSAPD) and the following:

- (1) The maximum charge pressure may not exceed 65 psig.
- (2) Each pressure vessel must have a design burst pressure of at least 5 times the charge pressure at 70 °F.
- (3) Each pressure vessel must be equipped with a pressure relief device designed to relieve pressure prior to burst of the pressure vessel. The pressure relief device must be set to relieve pressure at 3 times the charge pressure, but no less than 200 psig.
- (4) Each pressure vessel must contain no more than 0.898 pounds of sulfur hexafluoride.

b. OPERATIONAL CONTROLS: Each epoxy vessel must be packaged in a strong outside packaging for shipment as follows:

- (1)  $\frac{3}{4}$  inch oriented strand board (OSB) wooden box reinforced with 2 x 4 pines;

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(2) No more than three vessels may be packaged in the outside box. The vessels must be individually supported and secured against movement within the box; and

(3) Each vessel must be individually wrapped securely in reinforced plastic.

c. TESTING: Before being charged with sulfur hexafluoride gas:

(1) Each pressure vessel must successfully pass a hydrostatic pressure test. Each vessel must be pressurized to a minimum of 130 psig and held for one minute, without measurement of expansion.

(2) Each pressure vessel must be pressurized to the maximum charge pressure and leak tested with a halogen leak detector before shipment. No pressure vessel with evidence of leakage may be shipped.

(3) Periodic re-testing is not required.

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, cargo vessel and rail freight.

10. MODAL REQUIREMENTS: A current copy of this special permit must be carried aboard each cargo vessel or 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

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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

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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-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.

PO: BrianMoore/kah