

July 21, 2011



U.S. Department
of Transportation

East Building, PHH - 30
1200 New Jersey Avenue, Southeast
Washington, D.C. 20590

**Pipeline and Hazardous
Materials Safety Administration**

DOT-SP 6117
(FIFTEEN REVISION)

EXPIRATION DATE: March 31, 2015

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Montana Sulfur and Chemical Company
Billings, Montana
2. PURPOSE AND LIMITATION:
 - a. This special permit authorizes the transportation in commerce of hydrogen sulfide, liquefied, a Division 2.3 material, in certain single-unit tank cars. 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. 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 § 173.314(c) in that DOT Specification 105J600W and AAR Specification 120J600W tank cars are not authorized for hydrogen sulfide, except as specified herein.
5. BASIS: This special permit is based on the application of Montana Sulfur and Chemical dated March 18, 2011, submitted in accordance with § 107.109.

6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Hazardous Materials Description			
Proper Shipping Name	Hazard Class/ Division	Identi- fication Number	Packing Group
Hydrogen sulfide	2.3	UN1053	N/A

7. SAFETY CONTROL MEASURES:

a. PACKAGING - Packagings prescribed are:

1. DOT Specification 105J600W tank cars fabricated and equipped in accordance with General American Transportation Corporation's AAR application numbers 23493 or 23744 and any subsequent revisions on file with the Office of Hazardous Materials Special Permits and Approvals (OHMSPA).

2. AAR Specification 120J600W tank cars fabricated and equipped in accordance with General American Transportation Corporation AAR application number A-743188 and any subsequent revisions on file with the OHMSPA.

b. TESTING - Each tank car must be retested as specified for DOT Specification 105J600W tank car tanks.

c. OPERATIONAL CONTROLS -

1. The commodity loading temperature may not be less than -50° F.

2. Tank cars shall be loaded by weight in lieu of any other metering or gauging device.

3. The maximum permitted filling density for DOT specification 105J600W tank car tanks may not exceed 72 percent.

4. The outage for DOT specification 120J600W tank car tanks shall be at least one percent of the total volumetric capacity of the tank car at the reference

temperature of 105°F.

5. The vapor pressure of the gas may not exceed 450 psig at 105° F.

6. The water content of the gas may not exceed 0.10% by weight.

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. MARKING - Each tank car must be marked "DOT-E 6117" in four inch letters and numerals, on a contrasting background, above the DOT specification number. Additionally, each tank car must be marked "Minus 50° F., Minimum Loading Temperature" on each side near the tank specification number.

9. MODES OF TRANSPORTATION AUTHORIZED: Rail freight.

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 sew:

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 Dr. Magdy El-Sibaie
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

Photo reproductions and legible reductions of this special permit are permitted. Any alteration of this special permit is prohibited.

PO: KFW/sg