



**Pipeline and Hazardous
Materials Safety Administration**

DOT-SP 11513
(EIGHTH REVISION)

EXPIRATION DATE: January 31, 2018

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: ATK Thiokol Inc
Brigham City, UT
(Former Grantee: ATK Thiokol Propulsion)
2. PURPOSE AND LIMITATION:
 - a. This special permit authorizes the transportation in commerce of certain forbidden Division 1.1A explosive substances, unapproved Division 1.1C waste explosive substances and unapproved Division 1.2G explosives articles with packaging and operational controls prescribed herein. 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 § 173.54 (a) and 173.56(a) in that the Division 1.1C and 1.2G explosive substances and articles have not been approved; § 173.54(j), in that dry or unphlegmatized HMX or RDX is defined in 172.101(c) Table as a forbidden explosive; and § 177.801, except as specified herein.

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5. BASIS: This special permit is based on the application of the ATK Thiokol Propulsion dated December 23, 2013, submitted in accordance with § 107.109.
6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Hazardous Materials Description			
Proper Shipping Name	Hazard Class/ Division	Identification Number	Packing Group
Substances, explosive, n.o.s. (HMX or RDX, dry or unphlegmatized, as appropriate)	1.1A	UN0473	II
Waste Substances, explosive, n.o.s. (unapproved solid propellant samples and scrap)	1.1C	UN0474	II
Articles, pyrotechnic (aerial flare components)	1.2G	UN0429	II

7. SAFETY CONTROL MEASURES:

a. PACKAGING -

(1) Division 1.1A dry or unphlegmatized HMX or RDX must be packaged by one of the following two methods:

Packaging Method A:

Inner Packaging - Double-wall conductive plastic bags, each containing not more than 12 kilograms (26.4 pounds) of HMX or RDX. Outer Packaging - UN 1G fiberboard drum, each containing not more than two inner packagings and cushioned with sufficient dunnage to prevent movement during transport.

Packaging Method B:

Not more than 2 kilograms (4.4 pounds) net weight may be packaged in accordance with Packing Instruction 112(c) of § 173.62(c) Table and cushioned with sufficient dunnage to prevent movement during transport.

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(2) Unapproved Division 1.1C waste explosive substances (solid propellant samples and scrap) shall be packaged either according to Packaging Instruction 114(b) or as follows: Inner Packaging - Bags, heavy-wall static-resistant plastic, each containing not more than eight (8) pounds of explosive substance. Outer Packaging - Non specification palletized aluminum cargo bins constructed of not less than 3/8 inch thick metal sheet with a fitted aluminum cover. The cargo bin shall be divided into not more than 36 compartments each containing not more one inner packaging and sufficiently cushioned with additional dunnage to prevent movement during transport.

(3) Unapproved Division 1.2G pyrotechnic articles (aerial flare components) shall be packaged either according to Packaging Instruction 135 or as follows: Inner Packaging - Bags, static-resistant plastic or reusable dividers with bases and removable covers, static-resistant plastic, each containing one pyrotechnic article. Outer Packaging - Non-specification wooden crates or rugged reusable plastic or metal handling containers with dividers, each containing not more than one hundred (100) inner packagings with sufficient dunnage to prevent movement during transport.

b. OPERATIONAL CONTROLS -

(1) Transportation must be by private or contract carrier only between the applicant's manufacturing facilities in Brigham City, Utah via Utah Highway 83 and State Route 102, a distance of approximately 5.4 miles, as specified in the special permit application.

(2) Transportation of the explosive substances may not occur between the hours of 5:30 AM and 7:30 AM or between the hours of 3:00 PM and 5:00 PM local time.

(3) Escort vehicles must travel immediately in front of and behind the motor vehicle carrying the explosive substances. All three motor vehicles must have their headlights and hazard warning lights turned on during carriage and must be equipped with at least two fire extinguishers.

8. SPECIAL PROVISIONS: None.
9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle.
10. MODAL REQUIREMENTS:
 - a. A current copy of this special permit must be carried aboard each motor vehicle used to transport packages covered by this special permit.
 - b. The motor vehicle must be placarded according to the highest hazard explosive material being transported, based on both the Division and Compatibility Group.
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

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

PO: SCW:d1