



U.S. Department
of Transportation

Research and
Special Programs
Administration

400 Seventh Street, S.W.
Washington, D.C. 20590

SEP 22 2004

DOT-E 10442
(ELEVENTH REVISION)

EXPIRATION DATE: August 31, 2006

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: PacSci Quantic LLC.
Hollister, CA
(Former grantee: Quantic Industries, Inc.)

(See Appendix A to this document for a list of additional grantees)

2. PURPOSE AND LIMITATION:

a. This exemption authorizes the transportation in commerce of certain unapproved Division 1.1A, 1.1D and 1.3C waste explosive substances together on the same motor vehicle with waste Division 4.1 flammable solids, subject to the limitations and packaging provisions prescribed herein. This exemption provides no relief from any Hazardous Materials Regulation (HMR) other than as specifically stated herein.

b. The safety analyses performed in development of this exemption only considered the hazards and risks associated with transportation in commerce.

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

4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 173.56(b), in that examination, classing and approval of these waste explosive substances are waived; and § 177.848(d) Table, in that restrictions on transportation of Division 1.1D explosives on the same vehicle with Division 1.3G explosives and Division 4.1 flammable solids are waived.

5. BASIS: This exemption is based on the application of PacSci Quantic LLC dated August 2, 2004, 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
Waste substances, explosive, n.o.s. (trash containing not more than 0.2 percent by weight initiating explosives, wetted with water or fuel oil, a/k/a "IE-1")	1.1A	UN0473	II
Waste substances, explosive, n.o.s. (trash containing not more than 6 percent by weight UTP-25540, a/k/a "UTC Material A")	1.1D	UN0475	II
Waste substances, explosive, n.o.s. (trash containing not more than 6 percent by weight of various propellant explosives, a/k/a "UTC Material B"; or water wet scrap propellant process debris, a/k/a "Prop-1")	1.3C	UN0477	II
Waste substances, explosive, n.o.s. (dry process debris containing not more than 10 percent by weight magnesium-teflon-viton flare mix, a/k/a "MTV-1")	1.3G	UN0478	II
Waste flammable solid, organic n.o.s. (trash containing not more than 0.7 percent by weight reactive materials a/k/a "FS-1", wetted with water or fuel oil)	4.1	UN1325	II

SEP 22 2004

7. SAFETY CONTROL MEASURES:

a. PACKAGING -

(1) Division 1.1A primary explosive waste residues (IE-1) must be double-bagged in conductive plastic or rubber bags and packaged in a UN1G fiber drum. Maximum gross weight for each fiber drum may not exceed 100 pounds.

(2) Division 1.1D waste explosive contaminated trash ("UTC Material A") and Division 1.3C waste propellant contaminated trash ("UTC Material B") must each be placed in a conductive plastic or rubber bag (minimum thickness 0.10 mm or 0.004"), sealed with plastic adhesive tape and packaged in a UN1G fiber drum.

(3) Division 1.3C scrap propellant ("PROP-1") and Division 4.1 flammable solids ("FS-1") must be double-bagged in static resistant plastic (minimum thickness 0.15 mm or 0.006") and packaged in a UN1G fiber drum. The maximum gross weight must not exceed 80 pounds in a 20 gallon drum or 125 pounds in a 30 gallon drum.

(4) Division 1.3G flare mix waste residues ("MTV-1") must be double-bagged in conductive plastic or rubber bags, each sealed with plastic adhesive tape. Sealed bags must be packaged in a UN4G fiberboard box. Unused space must be filled with anti-static foam dunnage/cushioning. The maximum gross weight of each outer package may not exceed 50 pounds.

8. SPECIAL PROVISIONS:

a. The outside of each package must be legibly and durably marked with the following lettering: "DOT-E 10442".

b. Transportation is limited to between the applicant's manufacturing facilities and the intended waste incineration facilities.

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

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle.

10. MODAL REQUIREMENTS:

a. A current copy of this exemption must be carried aboard each motor vehicle used to transport packages covered by this exemption.

b. Waste explosive materials listed in this exemption may be transported together on the same motor vehicle.

c. Drivers must be trained to be knowledgeable with all current DOT hazardous material regulations pertaining to carriage of Class 1 and Division 4.1 materials.

d. Motor carriers operating under the terms of this exemption must have at least a "satisfactory" safety rating as prescribed in 49 CFR Part 385.

11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this exemption 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 exemption and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
- o Persons operating under the terms of this exemption 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.

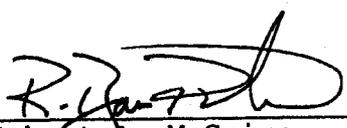
Each "Hazmat employee", as defined in § 171.8, who performs a function subject to this exemption must receive training on the requirements and conditions of this exemption in addition to the training required by §§ 172.700 through 172.704.

No person may use or apply this exemption, including display of its number, when this exemption has expired or is otherwise no longer in effect.

SEP 22 2004

12. REPORTING REQUIREMENTS: The carrier is required to report any incident involving fire, explosion or loss of packaging contents or packaging failure to the Associate Administrator for Hazardous Materials Safety (AAHMS) as soon as practicable. (Sections 171.15 and 171.16 apply to any activity undertaken under the authority of this exemption.) In addition, the holder(s) of this exemption must inform the AAHMS, in writing, of any incident involving the package and shipments made under the terms of this exemption.

Issued in Washington, D.C.:


Robert A. McGuire
Associate Administrator for
Hazardous Materials Safety

SEP 22 2004

(DATE)

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Research and Special Programs Administration, Department of Transportation, Washington, D.C. 20590.
Attention: DHM-31.

Copies of this exemption may be obtained by accessing the Hazardous Materials Safety Homepage at <http://hazmat.dot.gov/exemptions> Photo reproductions and legible reductions of this exemption are permitted. Any alteration of this exemption is prohibited.

PO: SCWATSON/sln

OCT 19 2004

The following are hereby granted party status to this exemption based on their application(s) submitted in accordance with § 107.107 or § 107.109, as appropriate:

Company Name City/State	Application Date	Issue Date	Expiration Date
Autumn Industries, Inc. Warren, OH	Jun 03, 2003	Jun 20, 2003	Nov 30, 2004
Cartridge Actuated Devices, Inc. Fairfield, NJ	Apr 01, 2003	Apr 10, 2003	Nov 30, 2004
Duratek Federal Services, Inc. (Former Grantee: Waste Management) Richland, WA	Sep 15, 2004	Sep 22, 2004	Aug 31, 2006
LifeSparc Inc. Hollister, CA	Sep 27, 2004	Oct 12, 2004	Aug 31, 2006
Onyx Environmental Services, L.L.C. Flanders, NJ	Sep 8, 2004	Sep 22, 2004	Aug 31, 2006
Pacific Scientific Energetic Materials Co. (PSEMC) Chandler, AZ	Sep 29, 2004	OCT 19 2004	Aug 31, 2006
Technical Ordnance, Inc. Clear Lake, SD	Sep 16, 2003	Sep 22, 2003	Nov 30, 2004
Triad Transport, Inc. McAlister, OK	Sep 30, 2004	OCT 19 2004	Aug 31, 2006
United Technologies Corporation San Jose, CA	Sep 7, 2004	Sep 22, 2004	Aug 31, 2006

Robert A. McGuire
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 Robert A. McGuire
 Associate Administrator for
 Hazardous Materials Safety

OCT 19 2004

Date