



U.S. Department
of Transportation
**Research and
Special Programs
Administration**

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

JUL - 2 2004

Mr. John G. Mayfield
Manager, Dangerous Goods Transportation
Fisher Scientific
2000 Park Lane
Pittsburgh, PA 15272

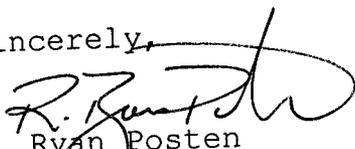
Dear Mr. Mayfield:

In response to your letter dated June 17 and 18, 2004, enclosed is a copy of the Thirteenth Revision of DOT-E 7887 which has been extended to January 31, 2005 for Fisher Scientific Company, L.L.C.

This extension does not resolve proceedings which may be initiated by the Office of Hazardous Materials Enforcement, Research and Special Programs Administration, concerning the operations conducted between May 31, 2003 and the issue date of your extension. Those operations conducted after the expiration date and before this extension were not in compliance with the Hazardous Materials Regulations, and no longer authorized by the exemption.

If you have any questions please contact Ms. Sherrie Nelson of my staff at (202)366-4535.

Sincerely,


R. Ryan Posten
Exemptions Program Officer
Office of Hazardous Materials
Exemptions & Approvals

Enclosure



U.S. Department
of Transportation
Research and
Special Programs
Administration

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

APR 8 2003

DOT-E 7887
(THIRTEENTH REVISION)

EXPIRATION DATE: January 31, 2005

(FOR RENEWAL, SEE 49 CFR § 107.109.)

1. **GRANTEE:** Estes-Cox Corporation d/b/a Estes Industries and Cox
(FORMER GRANTEE: Centuri Corporation d/b/a Estes Industries and Cox)
Penrose, CO

(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 limited quantities of certain explosive articles in prescribed packaging as Division 4.1 Flammable solid, organic, n.o.s. This exemption applies to small rocket motors (model rocket motors NA0323 and NA0276) and reloadable model rocket motor kits containing not more than 62.5 grams of propellant per device or kit which have been classed as Division 1.4 explosives under § 173.56. These articles may be of the reloadable type or the single-use expendable type. This exemption provides no relief from the Hazardous Materials Regulations (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 § 172.101 and § 175.3 (only insofar as model rocket motors and reloadable kits which are classed as Division 1.4C or 1.4S may be shipped as Division 4.1).

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5. **BASIS:** This exemption is based on Estes-Cox Corporation d/b/a Estes Industries and Cox's application dated March 21, 2003, 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 |
|--|-----------------------|-----------------------|---------------|
| Flammable solids, organic, n.o.s. (Model rocket motors and/or rocket motor reloading kits) | 4.1 | UN1325 | II |

7. **SAFETY CONTROL MEASURES:**

a. Rocket motor cases may not be made of a material (e.g., metal) or of a configuration that would present a penetration hazard.

b. **PACKAGING -**

i. For single-use expendable type devices:

UN Specification 4C1 Boxes of natural wood
 UN Specification 4D Plywood boxes
 UN Specification 4F Boxes of reconstituted wood
 UN Specification 4G Fiberboard boxes

ii. For reloadable-type kits:

Each reloadable kit must be placed in a securely closed plastic bag at least 0.051mm (0.002 inches) thick as the inner packaging. Each inner packaging may contain up to a maximum of 62.5 grams of propellant, 8.3 grams of delay charge and 1.4 grams of ejection charge. No more than 12 inner packagings may be placed in a fiberboard box intermediate packaging which must be packed in a Specification 4G fiberboard box. Intermediate packaging is not required for a package containing 12 or less inner packagings.

iii. The outer packages may not exceed 11.36 kg. 25 pounds gross weight when the individual devices each contain not more than 30 grams of propellant. They may not exceed 4.55 kg. (10 pounds) gross weight when the individual devices each contain more than 30 grams, but not more than 62.5 grams of propellant.

8. SPECIAL PROVISIONS:

a. A person who is not a holder of this exemption who receives a package covered by this exemption may reoffer it for transportation provided no modifications or changes are made to the package and it is reoffered for transportation in conformance with this exemption and the HMR.

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

c. The devices and kits authorized under this exemption may be shipped in the same outer packaging with Division 1.4G igniters for the devices, and with nonhazardous materials needed to construct model rockets.

d. The authority to grant the relief provided within this exemption is limited to the extent that the United States government has authority over the transportation of the articles subject to this exemption. Transportation in accordance with this exemption outside of the United States may require the approval of governments of countries where these articles are so transported.

e. Packages shipped under this exemption may not be offered for transportation as Consumer Commodities, ORM-D.

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle, rail freight, cargo vessel and cargo aircraft only.

10. MODAL REQUIREMENTS: A current copy of this exemption must be carried aboard each cargo vessel or cargo aircraft used to transport packages covered by this exemption. The shipper must furnish a current copy of this exemption to the air carrier before or at the time the shipment is tendered.

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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.:

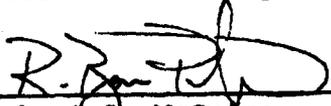
- o All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
- o Registration required by § 107.601 et seq., when applicable.

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 the exemption has expired or is otherwise no longer in effect.

12. **REPORTING REQUIREMENTS:** The carrier is required to report any incident involving explosion, fire 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, persons using this exemption must inform the AAHMS, in writing, of any incidents involving the package and shipments made under the terms of this exemption.

Issued in Washington, D.C.:



Robert A. McGuire
fr Associate Administrator
for Hazardous Materials Safety

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(DATE)

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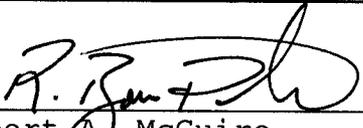
Address all inquiries to: Associate Administrator for Hazardous
Materials Safety, Research and Special Programs Administration,
Department of Transportation, Washington, D.C. 20590. Attention:
DHM-31.

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: AM

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 |
|---|---------------------|-----------------|--------------------|
| AeroTech, Inc. Cedar City, UT | Feb 04, 2003 | Mar 06, 2003 | Jan 31, 2005 |
| AMW South Daytona, FL | May 21, 2003 | May 30, 2003 | Jan 31, 2005 |
| Composite Propulsion Technology Inc. South Daytona, FL | May 21, 2003 | Jun 24, 2003 | Jan 31, 2005 |
| Ellis Mountain Rocket Works Jacksonville, TX | Feb 27, 2003 | Apr 08, 2003 | Jan 31, 2005 |
| Fisher Scientific Company LLC Pittsburgh, PA | Jun 17, 2004 | JUL - 2 2004 | Jan 31, 2005 |
| Kodson Enterprises Ventura, CA | Mar 31, 2003 | Apr 25, 2003 | Jan 31, 2005 |
| Loki Research, LLC Durham, CT | Apr 26, 2004 | Jun 29, 2004 | Jan 31, 2005 |
| Magnum Plus Inc. dba Magnum Rockets Hobbies & More Mechanicsburg, OH | Mar 03, 2003 | Mar 06, 2003 | Jan 31, 2005 |
| Quest Aerospace Yuma, AZ | Feb 24, 2003 | Mar 21, 2003 | Jan 31, 2005 |
| Robbie D. Wood, Inc. Dolomite, AL | Dec 18, 2003 | Mar 9, 2004 | Jan 31, 2005 |
| RCS Rocket Motor Components, Inc. Cedar City, UT | Jan 19, 2004 | Mar 9, 2004 | Jan 31, 2005 |
| VWR International West Chester, PA | Jan 28, 2004 | Mar 9, 2004 | Jan 31, 2005 |


 Robert A. McGuire
 Associate Administrator for
 Hazardous Materials Safety