



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

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

**JUL 10 2003**

DOT-E 4850  
(THIRTEENTH REVISION)

**EXPIRATION DATE: February 28, 2005**

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Dyno Nobel, Inc.  
Salt Lake City, UT  
(Former grantee: The Ensign-Bickford Company and  
Distributors of the Ensign-Bickford 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 approved explosive articles re-classed as Division 1.4D in prescribed packaging, subject to the special provisions herein. 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 § 173.56(b)(1), in that certain explosive articles already approved in a lower division may be exempted from re-examination, re-classification and re-approval as Division 1.4D articles, when shipped in limited quantities in prescribed packaging.
5. BASIS: This exemption is based on the application of Dyno Nobel, Inc.'s dated March 28, 2003, submitted in accordance with § 107.109 and a supplemental letter dated May 2, 2003 and June 24, 2003.

6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Hazardous Materials Description			
Proper Shipping Name	Hazard Class/ Division	Identification Number	Packing Group
Cord, detonating, mild effect	1.4D	UN0104	II
Charges, shaped, flexible, linear	1.4D	UN0237	II

7. SAFETY CONTROL MEASURES:

a. The Cord, detonating, mild effect and/or Charges, shaped, flexible, linear authorized under this exemption must not contain more than 10.7 grams per meter (50 grains per foot) of explosive substances and must not exceed 30.5 meters (100 feet) in any one outer package.

b. The Cord, detonating, mild effect must be packaged according to § 173.62(b), Packing Method E-139. The Charges, shaped, flexible, linear must be packaged according to § 173.62(b) Packing Method E-138.

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. MARKING - The lettering "DOT-E-4850" must appear on the outer package in at least the same print size as the markings required by § 172 Subpart D.

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

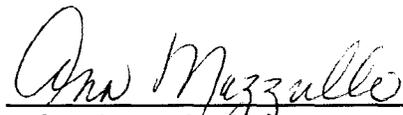
10. MODAL REQUIREMENTS: A current copy of this exemption must be carried aboard each cargo vessel, aircraft or motor vehicle used to transport packages covered by this exemption. The shipper must furnish a copy of this exemption to the air carrier before or at the time the shipment is tendered.
11. COMPLIANCE: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

JUL 1 0 2003  
(DATE)

**JUL 10 2003**

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: Watson/sln

JUL 29 2003

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
Accurate Arms Company, Inc. McEwen, TN	5/1/2003	5/14/2003	2/28/2005
Accurate Energetic Systems, LLC McEwen, TN	5/1/2003	5/14/2003	2/28/2005
Halliburton Energy Services, Inc. Duncan, OK	7/21/2003	JUL 29 2003	2/28/2005
Ensign-Bickford Aerospace & Defense Co. Simsbury, CT	3/10/2003	3/21/2003	2/28/2005
Honeywell International, Inc., Morristown, NJ	3/6/2003	3/21/2003	2/28/2005
Lockheed Martin Space Systems Company Space & Strategic Missiles Sunnyvale, CA	4/17/2003	7/10/2003	2/28/2005
McCormick Selph, Inc. Hollister, CA	2/25/2003	3/11/2003	2/28/2005
Owen Oil Tools LP Fort Worth, TX	2/18/2003	3/11/2003	2/28/2005
Schlumberger Reservoir Completions Rosharon, TX	2/25/2003	3/11/2003	2/28/2005
U.S. Department of Defense Ft. Eustis, VA	4/2/2003	4/7/2003	2/28/2005

  
Robert A. McGuire  
Associate Administrator for  
Hazardous Materials Safety