



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

NOV 7 2003

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

DOT-E 11080  
(FIFTH REVISION)

EXPIRATION DATE: October 31, 2005

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Austin Powder Company  
Cleveland, Ohio
2. PURPOSE AND LIMITATION:
  - a. This exemption authorizes the use of a modified Canadian Explosive Act Schedule IV Electric Detonator Transportation Compartment as an alternative to an IME Safety Library Publication No. 22 Compartment for transport in commerce of certain Division 1.4B electric detonators and non-electric detonating assemblies in the same motor vehicle with any Division 1.1, 1.2, or 1.3 explosive, Division 1.4 detonating cord or Division 1.5D blasting explosives. 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 § 177.835(g)(3) insofar as a modified Canadian Explosive Act Schedule IV Electric Detonator Transportation Compartment is not an authorized method for shipping detonators except as specified herein.
5. BASIS: This exemption is based on the application of Austin Powder Company dated October 20, 2003 submitted in accordance with § 107.109.

6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Proper Shipping Name/ Hazardous Materials Description	Hazard Class/ Division	Identi- fication Number	Packing Group
Detonators, electric	1.4B	UN0255	II
Detonator assemblies, Non-Electric	1.4B	UN0361	II

7. SAFETY CONTROL MEASURES:

a. Division 1.4B electric detonators and non-electric detonating assemblies must be packaged according to § 173.62(c).

b. The Canadian Explosive Act's "Schedule IV Electric Detonator Transportation Compartment", for which Construction and Location Standards are prescribed in Canada's Federal Regulation SOR/80-488, s.5.(see Appendix), may be used as an alternative container or compartment to the IME 22 container or compartment specified in § 173.835(g) (3) (i) for transportation of Class 1.4B electric detonators and Class 1.4B non-electric detonator assemblies on the same motor vehicle with Division 1.1, 1.2, 1.3 explosives, 1.4D detonating cord or 1.5D blasting explosives, provided that:

The Canadian container or compartment be modified by an additional layer of either 1.27 cm(0.5 inch) thickness of gypsum board or 0.64 cm(0.25 inch) thickness of asbestos sheathing added to the interior of the barrier laminates and secured firmly to the container or compartment with a final layer of 0.64 cm(0.25 inch) thickness of exterior grade plywood.

c. All detonators will be packaged and labeled in accordance with IME Safety Library Publication No. 22 requirements.

8. SPECIAL PROVISIONS:

The interior surface of lid or door of each modified Canadian Schedule IV "Electric Detonator Transportation Container or Compartment" must be marked in letters at least 14 mm(1/2-inch) high as follows:

**BARRIER LAMINATE  
WITH ADDED THERMAL PROTECTION  
DOT-E 11080**

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle.
10. MODAL REQUIREMENTS: A current copy of this exemption must be carried aboard each motor vehicle used to transport packages covered by this exemption.
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 this exemption has expired or is otherwise no longer in effect.

12. REPORTING REQUIREMENTS: The carrier is required to report any incident involving 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

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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: SCW/KFW/AM