



US Department  
of Transportation

Research and  
Special Programs  
Administration

UNITED STATES OF AMERICA  
DEPARTMENT OF TRANSPORTATION  
OFFICE OF HAZARDOUS MATERIALS TRANSPORTATION  
WASHINGTON, D.C. 20590

FEB 10 1987

4th Street, S.W.  
Washington, D.C. 20590

COMPETENT AUTHORITY APPROVAL CA-870133

1. This competent authority approval by the Office of Hazardous Materials Transportation of the United States Department of Transportation, issued in accordance with Part 2, Paragraph 1.3 of the International Civil Aviation Organization (ICAO) Technical Instructions, approves the classification and compatibility group assignment of, and assigns the appropriate proper shipping name to, certain explosives articles.

2. BASIS. This approval is based on the request from HTL Energy Systems of Chandler, Arizona, dated January 26, 1987.

3. COMMERCIAL NAME. Actuating cartridge, explosive (P/N 13083-25, EX-8701111).

4. PROPER SHIPPING NAME AND U.N. NUMBER. Cartridges, power device, UN 0323.

5. U.N. CLASS AND DIVISION (AND COMPATIBILITY GROUP APPLICABLE).

1.4S

(The shipping name and class assignment are based on Bureau of Mines Reports dated December 19, 1986, on file with the Office of Hazardous Materials Transportation).

6. PACKAGING.

Packing Instruction 134

7. EXPIRATION DATE. This approval remains valid until withdrawn or superseded by a revised approval.

Certified by:

Alan I. Roberts  
Director  
Office of Hazardous Materials Transportation

FEB 6 1987

(DATE)