CLASSIFICATION OF EXPLOSIVES

Based upon a request by Pacific Scientific, 7073 West Willis Road, Chandler, AZ, the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

U.N. PROPER SHIPPING NAME AND NUMBER:
Cartridges, power device, UN0276

U.N. CLASSIFICATION CODE: 1.4C

REFERENCE NUMBER PRODUCT DESIGNATION/PART NUMBER
EX2004100103 P/N 2-502840-1

NOTES:
The following packaging method is assigned: Inner Packaging - Bags, static-resistant plastic, each containing one device. Intermediate Packaging - Bag, static-resistant plastic, each containing one inner packaging. Outer Packaging - UN 4G fiberboard box, each containing not more than fifty (50) intermediate packagings with sufficient cushioning materials to prevent movement during transport.

U.N. PROPER SHIPPING NAME AND NUMBER:
Cartridges, power device, UN0276

U.N. CLASSIFICATION CODE: 1.4C

REFERENCE NUMBER PRODUCT DESIGNATION/PART NUMBER
EX2004100102 P/N 2-502850-1

NOTES:
The following packaging method is assigned: Inner Packaging - Bags, static-resistant plastic, each containing one device. Intermediate Packaging - Box, paperboard, each containing one inner packaging. Outer Packaging - UN 4G fiberboard box, each containing not more than fifty (50) intermediate packagings with sufficient cushioning materials to prevent movement during transport.
U.N. PROPER SHIPPING NAME AND NUMBER: Detonators, electric, UN0456

U.N. CLASSIFICATION CODE: 1.4S

REFERENCE NUMBER PRODUCT DESIGNATION/PART NUMBER
EX2004100104 P/N 3-300180-3
EX2004100105 P/N 2-300180-4

NOTES:
This classification is only valid when the detonators are packaged as follows: Inner Packaging - Tubes, heavy-wall fiberboard not less than 3/8 inches in thickness, each containing one detonator pre-wrapped in a static-resistant plastic bag. Intermediate Packaging - spacer holders, fire-retarded compressed fiber (e.g. Homosote), each containing not more than five (5) inner packagings. Outer Packaging - UN 4G fiberboard box, each containing not more than two (2) intermediate packagings with a Homosote board on top and sufficient cushioning materials to prevent movement during transport.

U.N. PROPER SHIPPING NAME AND NUMBER: Detonators, electric, UN0255

U.N. CLASSIFICATION CODE: 1.4B

REFERENCE NUMBER PRODUCT DESIGNATION/PART NUMBER
EX2004100106 P/N 51-7511-2

NOTES:
The following packaging method is assigned: Inner Packaging - Bag, static-resistant plastic, each containing one detonator. Outer Packaging - UN 4G fiberboard box, each containing not more than three-hundred (300) inner packagings with sufficient cushioning to prevent movement during transport.

U.N. PROPER SHIPPING NAME AND NUMBER: Detonators, electric, UN0255

U.N. CLASSIFICATION CODE: 1.4B

Tracking No: 2004100199
REFERENCES NUMBER  
EX2004100107

PRODUCT DESIGNATION/PART NUMBER  
P/N 51-7511-3

NOTES:
This classification is only valid when the detonators are packaged as follows: Inner
Packaging - Tubes, heavy-wall fiberboard not less than 3/8 inches in thickness, each
containing one detonator pre-wrapped in a static-resistant plastic bag. Intermediate
Packaging - Spacer holders, fire-retarded compressed fiber (e.g. Homosote), each
containing not more than five (5) inner packagings. Outer Packaging - UN 4G fiberboard
box, each containing not more than two (2) intermediate packagings with a Homosote
board on top and sufficient cushioning materials to prevent movement during transport.

DATED: November 1, 2004

Approved by:

Robert A. McGuire
Associate Administrator for
Hazardous Materials Safety

Tracking No: 2004100199  Page 3 of 3