CLASSIFICATION OF EXPLOSIVES
FIRST REVISION

Based upon a request by Pacific Scientific Energetic Materials Company, 7073 West Willis Road, Chandler, AZ 85226, United States 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:
Detonators, non-electric, for blasting, UN0455

U.N. CLASSIFICATION CODE: 1.4S

REFERENCE NUMBER
EX2009100298

PRODUCT DESIGNATION/PART NUMBER
P/N 51-8200-5 in Division 1.4S Packaging, P/N 2-350330-2 in Division 1.4S Packaging, P/N 2-350180-6 in Division 1.4S Packaging

NOTES: This classification is only valid when the detonators are fitted with steel hex shipping caps during transport and packaged as follows: Inner Packaging - Receptacles, heavy-wall fiberboard sleeves with wall thickness not less than 3/8 inches, each containing one detonator which is pre-wrapped in a heat-sealed, static-resistant bag. Intermediate Packaging - Pre-cut compressed flame retardant paperboard (e.g. Homosote) dividers not less than 1/2 inches in thickness holding up to ten (10) uniformly spaced apart on both top and bottom circumferences. Outer Packaging - UN 4G fiberboard box, each containing not more than two (2) intermediate packagings with at least 1/2 inch thick homosote dividers between rows and as top and bottom pads. This classification is based upon testing which has met the UN 6(d) test criteria requirement.

This approval as revised supersedes all previous versions.

DATED: 04/12/2012

For Dr. Magdy El-Sibaie
Associate Administrator for Hazardous Materials Safety