CLASSIFICATION OF EXPLOSIVES
FIRST REVISION

Based upon a request by Pacific Scientific Energetic, 7073 West Willis Rd., Chandler, AZ 85226-5111, 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 PRODUCT DESIGNATION/PART NUMBER
EX2009100299 P/N 51-6956-3 in Division 1.4S Packaging, P/N 51-6956-4 in Division 1.4S Packaging

NOTES: This classification is only valid when the detonators are packaged as follows:
Inner Packaging - Receptacles, Schedule 40 steel pipe with Schedule 40 end caps at both ends, each containing not more than two detonators pre-wrapped individually in heat-sealed static-free plastic bags with aluminum discs above and below to prevent movement during transport. Outer Packaging - UN 4G fiberboard box, each containing not more than twenty (20) inner packagings in up to two layers with sufficient cushioning material above, below and between layers to prevent movement during transport.

These detonators were deemed to meet the UN 6(d) Unconfined Single Package Test criteria by analogy to those detonators (P/N's 51-1965-3 & -4) previously tested.

This approval as revised supersedes all previous versions.

DATED: 12/22/2011

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