Based upon a request by Owen Oil Tools c/o Owen Compliance Services, 12001 County Road 1000, Godley, TX 76044, 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, electric for blasting, UN0456

**U.N. CLASSIFICATION CODE:** 1.4S

**REFERENCE NUMBER**
EX2011021344

**PRODUCT DESIGNATION/PART NUMBER**
D/N OOT-APRV-057(H) - Non-Exposed Electric Detonator, Type H (Universal Bottom Fire Detonator) containing not more than 0.60 +/- 0.015 g of lead azide, black powder, and RDX

**NOTES:** The following packaging method is assigned: Inner Packaging - Boxes, chipboard, each containing one detonator with sufficient cushioning to prevent movement during transport. Outer Packaging - UN 4G fiberboard box with sub-dividers and liners, each containing not more than fifty (50) inner packagings in a single vertical layer with not less than three (3) sheets of corrugated fiberboard between any two (2) inner packagings and between any inner packaging and between any inner packaging and any interior wall of the outer packaging. This classification has been made after the proposed packaging was tested and passed the UN Test Series 6d Test Criteria.

**DATED:** 08/26/2011

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