CLASSIFICATION OF EXPLOSIVES
FIRST REVISION

Based upon a request by DYNAenergetics GmbH & Co. KG, Kaiserstrasse 3, D-53840 Troisdorf, Germany 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               PRODUCT DESIGNATION/PART NUMBER
EX2000090141                     Electric Detonator DYNAWELL 1423

NOTES: This classification is only valid when the detonators are packaged as follows:
Inner Packaging: Trayblock, solid plywood with steel bolts, each containing not more than twenty-five (25) detonators uniformly spaced apart in holes of sufficient depth to completely surround its explosive components. Outer Packaging: Specification 4A steel box, each containing one inner packaging. This classification is based upon testing which satisfies the UN 6(d) test criteria.

DATED: 04/29/2011

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