CLASSIFICATION OF EXPLOSIVES
SECOND REVISION

Based upon a request by Jet Research Center, a division of Halliburton, 8432 South I-35W, Alvarado, TX 76009-9775, US, 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.

An EX approval is non-transferable in any merger, acquisition, sale of assets, or other business transaction. For more information, please visit: [https://www.phmsa.dot.gov/registration/faq-mergers-acquisitions-and-legal-status-changes-pdf]

U.N. PROPER SHIPPING NAME AND NUMBER:
Components, explosive train, n.o.s., UN0384

U.N. CLASSIFICATION CODE: 1.4S

REFERENCE NUMBER: EX1993090158
PRODUCT DESIGNATION/PART NUMBER:
Firing Head Systems- P/N:HRS-APRV-001, D/N: FRH Family Class, Rev. B.

NOTES:
The Net Explosive Weight of all components within each Firing Head Assembly is not to exceed 87 grams.
The following packaging methods are assigned by the Competent Authority of the United States:

Packaging Method A (Private Carrier only):
Each Firing Head Assembly must be fitted on each end with a thick-walled steel protector cap or bull plug. The individual assemblies must then be placed on specially designed racks which prevent movement during transport.
**Packaging Method B (Commercial Carrier):** Each Firing Head Assembly must be fitted on each end with a thick-walled steel protector cap or bull plug. A single assembly is then overpacked in a non-specification wooden box outer packaging with cardboard padding to prevent movement in transport.

This classification meets UN 6(d) test criteria.

This approval as revised supersedes all previous versions.

**DATED:** November 09, 2018

[Signature]

for William Schoonover
Associate Administrator for Hazardous Materials Safety