CLASSIFICATION OF EXPLOSIVES
THIRD REVISION

Based upon a request by Jet Research Center, Inc., 8432 S Interstate 35 W, Alvarado, TX, 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://phmsa.dot.gov/hazmat/energetic-material-legalchanges-faq]

U.N. PROPER SHIPPING NAME AND NUMBER:
Charges, explosive, commercial without detonator, UN0444

U.N. CLASSIFICATION CODE: 1.4D

REFERENCE NUMBER: EX2016020739
PRODUCT DESIGNATION/PART NUMBER:

NOTES:
This classification is only valid for Drill Collar Severing Tool kits consisting of cutter pellets and cutter cartridges (with copper liner installed or placed separately within the inner packaging), when packaged as follows:

Inner Packaging – Pads, fiberboard with individual die-cut cells such as to maintain minimum 0.9-inch separation distance between cutter pellets and/or cutter cartridges, and of sufficient thickness to completely contain the pellets/cartridges.

Intermediate Packaging – Trays, fiberboard, each containing no more than three (3) inner packagings layered with kimpak between layers, and overpacked in a foil bag to form a single intermediate packaging with no more than 0.762 kg NEW. Each Intermediate packaging may contain multiple cutter pellets and a single (1) cutter cartridge which must be placed in the top layer.
Outer Package - UN4G fiberboard box, each containing not more than two (2) layered intermediate packagings.

This approval as revised supersedes all previous versions.

**DATED:** January 03, 2018

for William Schoonover
Associate Administrator for Hazardous Materials Safety