# 2.75 in MILLENIUM™, DP, HNS, 15 G Shaped Charge

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## Technical Information

**APPLICATION:**
- Shaped charge for oilfield use

**EXPLOSIVES:**
- **Booster:** Pure HNS, 0.3 ± 0.02 g
- **Main load:** Desensitized HNS, 14.7 ± 0.1 g
- **Density:** > 1.5 g/cm³

**TEMPERATURE LIMITS:**
- 500 F / 260 C 1 h
- 475 F / 246 C 24 h
- 460 F / 237 C 100 h

**PERFORMANCE:**
- **Manufacturing quality control data:**
  - **Hole Diameter:** 0.27 in (6.86 mm)
  - **Penetration:** 21.09 in (535.7 mm)

**SHELF LIFE:**
- 10 years when stored unopened in original packaging.
- **Storage temperature:**
  - 0 C / 32 F min
  - 54 C / 130 F max

**DISPOSAL:**
- Dispose of product not suitable for oilfield use according to applicable laws and regulations.

## Packing Information

- **Quantity per box:** 50 pieces
- **Gross weight per box:** 10.43 kg (23 lbs)
- **Net weight per box:** 8.30 kg (18.3 lbs)
- **NEC per box:** 0.7500 kg
- **Box dim:** 45.7 x 30.5 x 12.7 cm
  - 18 x 12 x 5 in
- **Package type:** Trays with desiccant enclosed by vacuum bag, then placed inside fibreboard box with conical cavities facing inward.

**Product Designation:** HES-APRV-004

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Jet Research Center, a division of Halliburton Energy Services, Inc.
8432 South I-35W
Alvarado, Texas 76009-9775
USA

Tel.: +1 817.761.2000

Part No.: 101318485

CE Certificate No.: CE0519, ENB/B/040

DOT EX No.: EX1996080028

**PROPER SHIPPING NAME**

UN0440, CHARGES, SHAPED, 1.4D