We specialize in the design, manufacture and certification of diesel engine driven generators for hazardous areas. Our products are fully certified Zone 2 products and available in both open and enclosed builds. Specifications vary from the simplest EEMUA specifications to specialist DNV 2.7.1 frames, Category 3G T3 certification, 85dBA acoustic enclosures and numerous starting, synchronizing and control features.

**FEATURES**

- **Range:** 20, 40, 60, 80 and 100 kVA

  The Zone 2 Generators are designed specifically for operation within a Hazardous area to maintain engine surface and engine exhaust temperature within 200 degree C providing safe shutdown and removal of all ignition sources in the event of a confirmed combustible gas release including but not limited to:

  - Engine Flame protection package including Air intake shut off valve, including integral flame arrester. Exhaust Gas Cooling System, Exhaust outlet spark arrester, Exhaust Flame Arrester, Exhaust Spark Arrester
  - Ex n Alternator
  - Ex d Control Panel
  - Ex e hard wired or Ex e socket terminal outlets
  - Air Start System / Hydraulic Starter / Spring starter as applicable
  - Conforms to ATEX94/9/EC Ex Group IIA Category 3G T3 for Zone 2 environment
  - 50/60Hz 400/230 VAC, 50/60 Hz with 0.8 PF
  - 8 hours continuous running integrated diesel tank
  - Engine fully equipped with auto-shutdown system for the events on high coolant temperature (100 degree C), high exhaust temperature 200 degree C, low engine oil pressure, presence of LEL and H2S

**OPTIONAL**

- Rig Safe
- Weatherproof enclosure
- Sound enunciated enclosure rated 85dBA @ 1 meter
- DNV 2.7-1 certified lifting frame
- Stationary installation