ENERGY Drainplug®

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The oil and gas industry places extreme demands on passive fire protection on its installations. Passive fire protection on the installations is therefore a vital component of the safety systems, and the standards and documentation required for the compliance are equally extensive.

ENERGY Drainplug® for use in:

- ENERGY Firecover®
- ENERGY Fireshield®
- ENERGY Heatflux™
- Fire protection for pipe insulation systems, valves and flanges

ENERGY Drainplug® is designed and tested to react when it is exposed to fire. The drain plug is open in the operating state, and internally layered with an intumescent sleeve. The expanding mass clogs the drain plug opening in the initial stage of the fire, and is fastened to the outside of the exterior cladding with pop rivets.

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ENERGY PRODUCTS®

ENERGY DRAINPLUG®

Advantages of ENERGY Drainplug®

- Moisture will drain out during normal operation
- In case of a fire scenario, the ENERGY Drainplug® will automatically lock, to avoid heat penetration
- Jet-fire, HC/Pool fire and explosion tested according to relevant requirements
- All materials to be approved for offshore use
- Easy to assemble
- Can be installed on pipe insulation without disassembly cladding
- Can be used as an inspection point
- Cost effective
- Short delivery time
- Can be installed during operation

Technical information

Jet fire testing:
- Jet fire standard: ISO 22899-1
- Standard OTI 95634 250 kW/m² - 1180°C
- Extended furnace: OTI 95634 including 350 kW/m² - 1300°C

HC/Pool fire testing:
- ISO 834-2 / IMO Res.A.754 [18] / IMO-NS-EN 1363-2. 200 kW/m² - 1100°C

- Explosion tested up to 1,88 Barg
- Sound tests for combination classes Fire and Acoustic for pipe insulation and fire boxes: ISO 15665

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