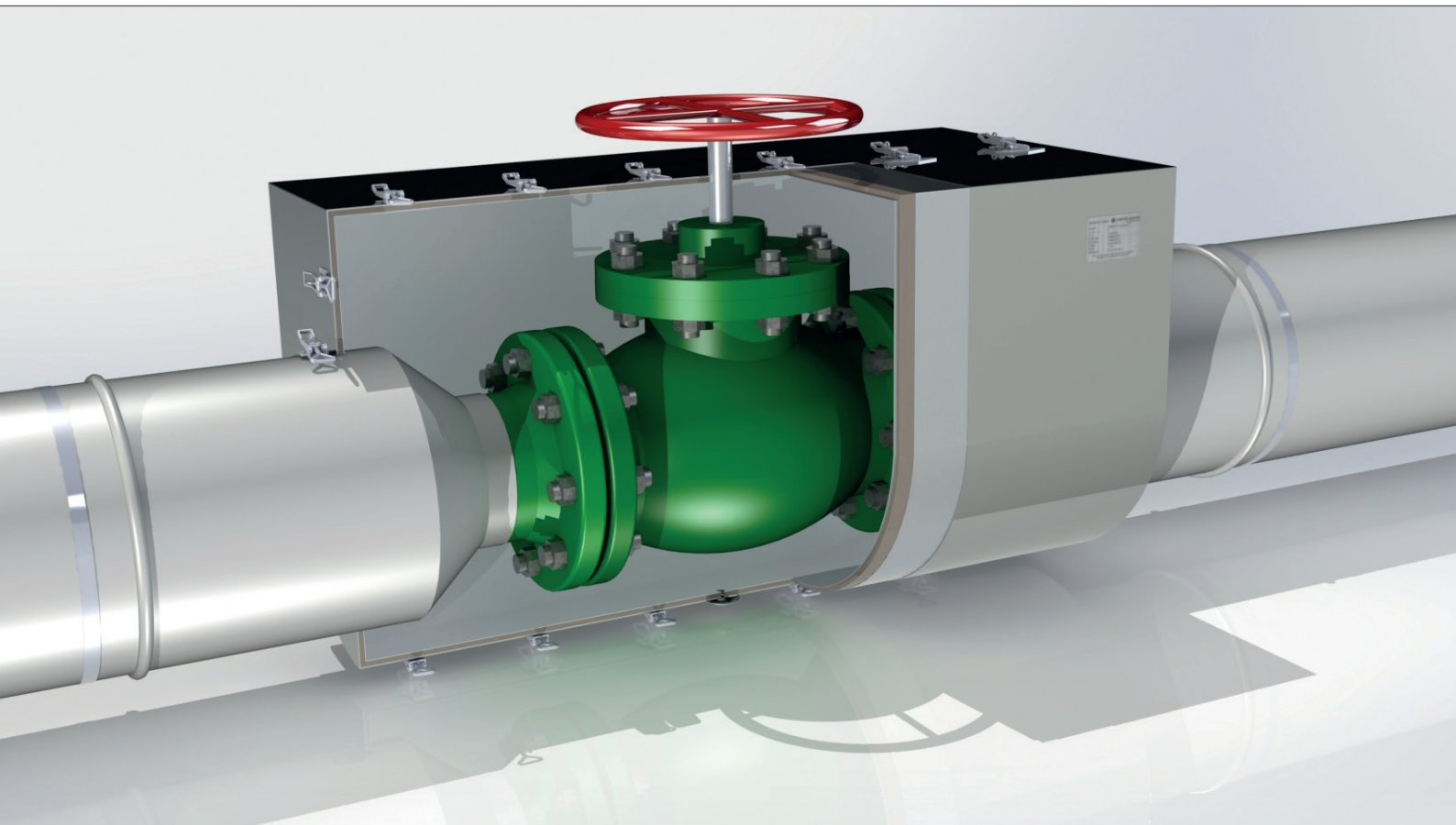


ENERGY Firecover® - NEW INNOVATIVE FIREBOX

ENERGY Firecover® is a slim firebox with intumescent ENERGY Fireboard Insulation, tested and approved up to the most hazardous fire- and explosion requirements, including 350 kW/m² heat loads.



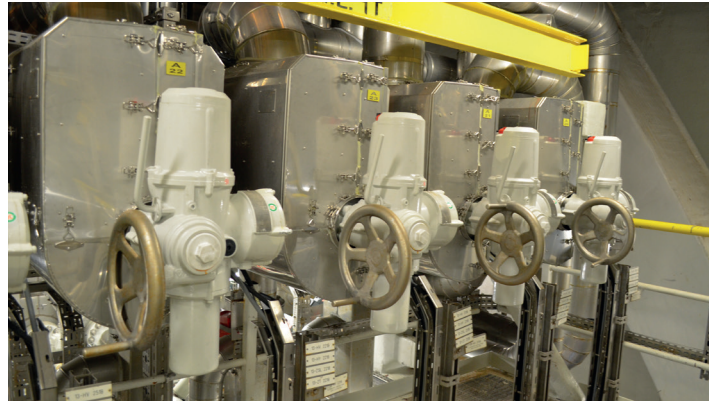
Fire Insulation from the ENERGY Products®

On offshore installations, the risk of fire poses a serious threat. Effective fire protection measures are therefore an essential part of all offshore facilities. ENERGY Firecover® increases the durability of pipes, valves and load-bearing structures in the event of fire. ENERGY Firecover® extends system functionality, giving personnel valuable time to bring the situation under control, or to evacuate the facility if necessary.

ENERGY Firecover® is designed and tested to protect equipment in a fire scenario initiated by an explosion from gas under pressure, immediately followed by jetfire exposure caused by gas leaks, and/or poolfire exposure from a pool of ignited hydrocarbons.

Advantages of ENERGY Firecover®

- Jet fire, HC/pool fire and explosion tested according to relevant requirements
- All materials to be approved for offshore use
- Slim construction and low weight.
- Easy to modify "on site" if required, without health and environmental risk
- Design which can be further developed to satisfy combination classes including Thermal and Sound insulation
- Totally sealed insulation materials to eliminate risk related to moisture ingress
- No hazardous waste
- External cladding of robust stainless steel; Low maintenance- and life cycle cost
- All fire- and explosion testing with critical elements like drain plug and inspection hatches
- Short delivery time
- Easy to disassemble for inspection and maintenance
- Effective survey routines at site for tailor made manufacturing
- A design which will eliminate CUI (Corrosion Under Insulation)
- Cost effective



Jet fire testing

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 test up to 1,88 Barg
- Salt vapour and low temperature test: ASTM B117 (-20°C)
- Electrostatic charge test: EN 13463-1, Annex D
- Sound tests for combination classes: ISO 15665



Explosion testing

