Thermal Insulation

XMT Insulation

Flow assurance has become a critical aspect of deepwater developments. To protect subsea structures such as trees, manifolds and jumpers from hydrate formation they are insulated externally.

Thermal Insulation material in the form of polyurethane, syntactic polyurethane or syntactic phenolic is applied to components of subsea production trees to thermally insulate. Varying levels of insulation both in terms of thickness and area coverage are applied depending on the specific project requirements. Materials are chosen project specifically depending on operating depth, temperatures and application method.

Flow assurance has become a critical aspect of deepwater developments. To protect subsea structures such as trees, manifolds and jumpers from hydrate formation they can be insulated externally. Key clients are the major tree manufacturers and engineering contractors. The insulation might be in the scope of the EPIC contractor in some instances.

Advantages:

- We have a wide product range and a strong track record, with expert knowledge regarding material performance and qualification levels with recognised quality and HSE certification
- Mobile site facilities are able to relocate anywhere in the world to operate on client supplied sites
- We have in-house capacity to insulate trees in-house in Skelmersdale (UK) and Houston (USA)

We have the capability to cast huge sections of insulation material with single mouldings up to 2 tonnes. In-house we can handle up to 4 trees simultaneously
(at around 40 tonnes each).

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