

INSULATION & TRACING OFFSHORE

Frost protection & process control



IC has been providing insulation and tracing operations at offshore locations for the major oil and gas companies since the early 80's. The work involves repairs of existing installations as well as modifications and new construction projects in the North Sea area.

THE RESULT

- Efficient frost protection and process control system
- Short offshore time
- Optimum combination of tracing and insulation

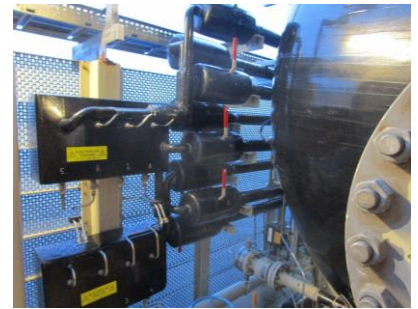


BACKGROUND

The insulation systems applied on the North Sea must be resistant to a very aggressive (saltwater) environment. IC specializes in offshore resistant insulation and tracing systems and supports the client with material selection, design and implementation.

THE CHALLENGE

The project included work at two offshore locations in the Dutch and Danish part of the North Sea, which had to be carried out in a relatively short period of time. In total, with a 12-week lead time, over 4,000 offshore man hours have been worked in varying day and night shifts. Logistically, the project was a major challenge with a very limited helicopter flight schedule and supplier-ship schedules.



DESIGN

The design for the insulation and tracing is based on customer specifications. By means of consultation and with a well-chosen selection of insulation materials, tracing and finishing materials, an optimal system has been obtained.

THE SOLUTION

Realization in 12 weeks:

- Installation of more than 1100 m² flat insulation plate.
- Insulation of approx. 1 kilometer pipeline (Ø ranging from 21 to 114 mm).
- All insulation materials finished with UV resistant PVC tape.
- A total of approximately 600 meters of electrical tracing is installed, with corresponding connection boxes.
- Installation of various insulation mattresses, as well as repairs to existing insulation systems. Everything was done to our client's great satisfaction.



CONTACT OUR SPECIALIST TEAM

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