

Oil & Gas: Heat Trace Design P-466

Design of Heat Trace Solution for Oil & Gas Platforms for various function like e.g.,

- Frost Protection
- Temperature Maintenance
- Warm-up / Start-up Heating

Design and Specification of

- Monitoring System for automated Surveillance of
 - Short Circuit,
 - Conductor Breakage
 - Power Monitoring
 - Instrumentation (2 of 3)
- Power Distribution
- Sizing of Cable Wattage.
- Control System and integration in overall SCADA
- Instrumentation
- Commissioning Plan:
 - FAT – Component Level
 - SAT – System Level
- Generation of Special Pipe Iso-metrics with all Details for erecting/mounting of Electrical Fittings and Cables for the Heat Trace Cable.
- Documentation
 - Mechanical
 - Electrical
 - Control System

P-Engineering can use both SPE – Smart Plant Electrical and [COMOS](#) for Engineering Purposes (Client Licenses)

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Picture of the Johan Sverdrup Offshore Platform with LED flood Lights and Interior Lighting. The Johan Sverdrup project is the P-Engineering reference for overall Heat Trace Design (Heating Cable Design and Electrical Power Supply) as well as Purchase / Framework Agreement setup. Performed for Aker Solution.