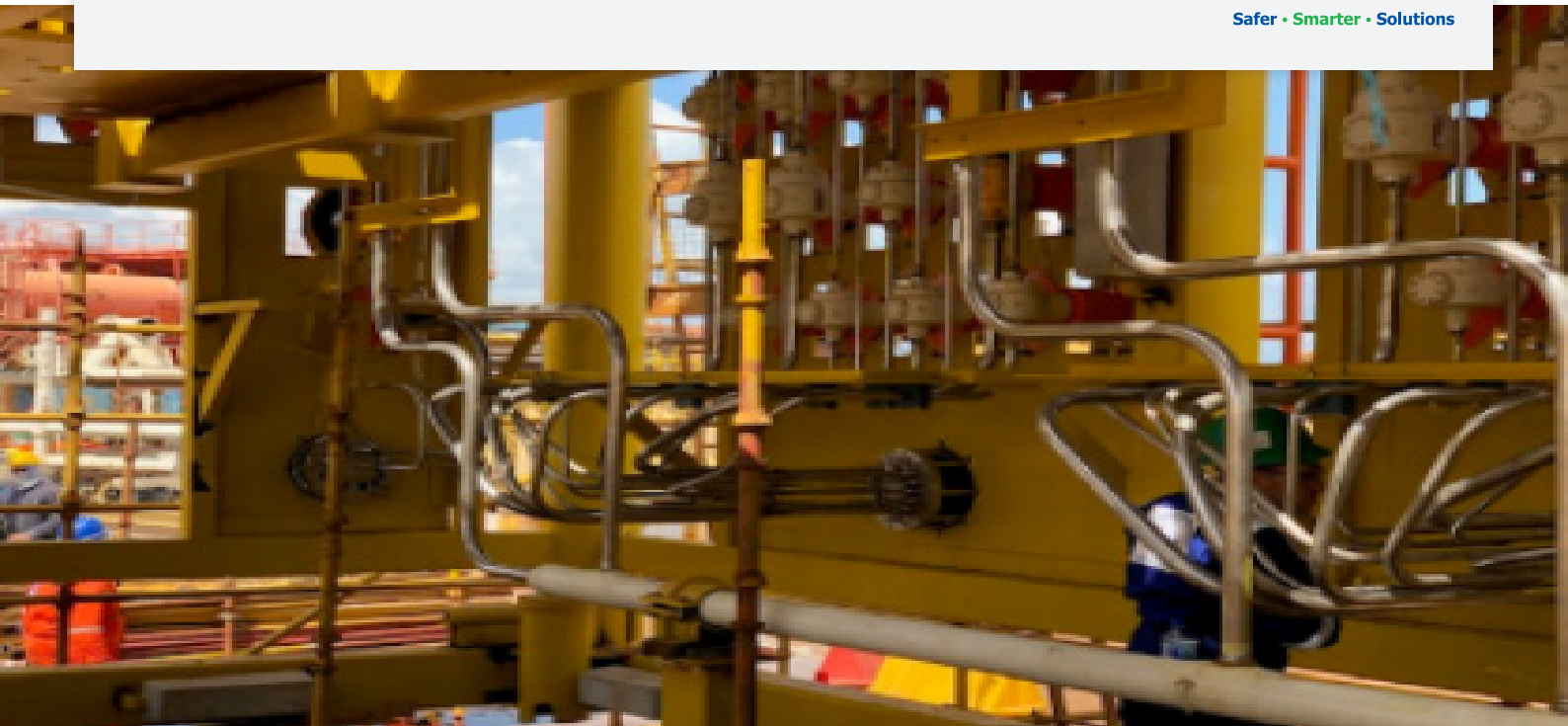


ZOHR SUBSEA PRODUCTION MODULE



Located in the offshore Shorouk Block, the Zohr gas field is Egypt's largest gas discovery in Egypt and the Mediterranean sea. EnerMech was contracted by Baker Hughes to provide project support and hydraulic services on the Phase 1 Production Module.

Client: Baker Hughes

Year: 2018 - 2019

Location: UK / Egypt

Product/Service:
Hydraulic Services

Scope of work

Project management and engineering of pre-commissioning services

On site installation of small bore tubing ranging from 3/8" to 1 1/2" OD 316/316L Austenitic Stainless Steel, 6MO Stainless Steel and 60K Nickel Alloy 625

Pressure test systems ranging from 518 bar to 1035 bar utilising EnerMech highly trained multi-discipline teams.

Flush systems to SAE 4059B-F Class 6 or better classification using EnerMech's purpose built HPUs and dedicated team.

Commissioning and onshore testing of complete subsea modules

Purging systems with Nitrogen

Project Delivery

EnerMech provided project support from the UK and an on-site project team in Alexandria, Egypt. These teams were responsible small bore tubing manufacture and installation, pre-commissioning and commissioning services. Additionally they provided control documentation/certification packages for the functioning of 10 off HIPPS modules, 4 off Production Modules and 4 off SDU modules to comply with client specifications.

Due to EnerMech's exceptional performance, additional work-scopes were awarded.

The 40-man EnerMech team installed more than 2.8km of pipework over 58,500 man-hours without an LTI.

Key Benefits

Savings on time and cost through use of multi-skilled teams

Single point of contact for all activities ensured project efficiencies

Collaboration assured safe, reliable and efficient operations

