

# BP SHAZ DENIZ 2 HYDRAULIC SERVICES



**EnerMech worked on BP's \$28 billion project, the Shah Deniz 2 project, which is the first subsea development in the Caspian Sea. Production from Shah Deniz Bravo now has a production of 20 billion cubic metres per annum.**

**Client:** BP

**Year:** 2017

**Product/Service:** Hydraulic services

**EnerMech successfully completed small bore tubing, fabrication, installation and flushing of over 8km on tubing on the Shah Deniz 2 project, with exceptional safety and operational standards.**

## Scope of work

To ensure precise fabrication on site as per client drawings followed by accurate installation in a complicated and challenging environment

High pressure testing, flushing and preservation to client requested standard  
Fabrication and installation of all Twin Ferrule and Autoclave tubing ranging from 1/2" to 1 1/2"

Pressure test systems ranging from 580bar to 1350bar

Flush systems to SAE 4059B-F class 6 or better

Purge systems with Nitrogen

## Project Delivery

EnerMech successfully delivered small bore tubing, fabrication, installation and flushing of over 8km on tubing on the Shah Deniz 2 project.

EnerMech provided highly trained testing team, accomplished flushing personnel, and trained and utilised 95% of national pipe fitters in line with client targets. We also provided EnerMech purpose built HPUs to ensure that the systems met given requirements. A single point of contact was dedicated to streamline contact for the client for all activities.

The project was delivered to exceptional safety and operational standards, and the commercial model used delivered significant cost savings to the client.

## Key Benefits

Over 55,000 man-hours without any lost time or safety incidents, delivering excellent safety and operational standards

High local content - 95% national personnel to meet client targets

Provision of a highly skilled team and purpose built equipment to ensure standards were met