

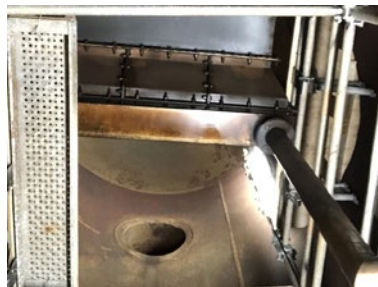
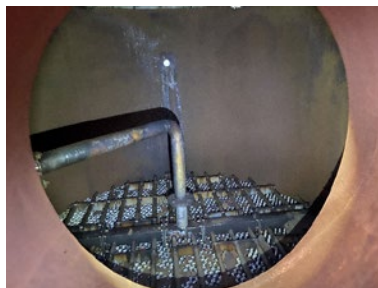
Gas Processing System Upgrade

Lifetime extension and new field conditions for North Sea FPSO

This client needed to extend the gas processing system's life because of new field process conditions. We reviewed the gas dehydration system and gas-liquid scrubbers, inspected the equipment, and identified bottlenecks and capacity limitations.

Following the full process review and on-site inspection, some equipment was reused, while others were refurbished and upgraded to meet the new process conditions. We also upgraded and installed the packing and demisting system with new internals.

Our client was highly satisfied, as the refurbished gas processing system was verified to have an extended operational life and met the new performance requirements.



Project details

- System and equipment review of the gas dehydration system and gas-liquid scrubbers
- Inspection of the process equipment
- Identification of bottlenecks and capacity limitations

Scope of work

- Verification of the existing gas dehydration system and gas-liquid scrubber capacity for new process conditions
- Identify debottlenecking solutions and upgrades where required
- Site works for removal and inspection
- Refurbished the equipment
- Manufacture and installation of new hardware

Key facts

- Gas dehydration system and gas-liquid scrubbers process verified for more years in operation, high client satisfaction