

CHEVRON AUSTRALIA LIMITED WHEATSTONE LNG PROJECT



Wheatstone's onshore facilities are located 12 kilometres (km) west of Onslow on the Pilbara coast of Western Australia. The foundation project consists of two LNG trains with a combined capacity of 8.9 million tonnes per annum (MTPA), and a domestic gas plant.

Client: Clough Australia

Year: 2017

Product/Service: Hydraulics

Scope of Work

Oil Flushing programme of the Condensate Export Pump Skids & ATU Fill Lines Pipe work. The system was flushed to the client requested level of cleanliness (ISO 4406 17/15/13) or better for commissioning purposes.

Full flushing scope of work required was required on the Condensate Pumps Barrier Fluid Tote Tank Fill lines.

Interconnecting off Skid Pipe Work between ATU and Export Booster Pumps. On the Skid Pipe Work for Condensate Export Pumps.

Project Delivery

Synthetic Oil Flush of Condensate Export Pumps interconnecting & On Skid Pipe Work to cleanliness level ISO 4406 17/15/13 or better.

Carried out all operations in a safe manner with respect to people equipment and environment

EnerMech 600/750 flushing unit used for Flushing operations was Zone 1 compliant

Key Benefits

Long-term system and oil purity.

Reduced wear of lubricated parts and extended mean time between repairs

Significant increase in oil durability (reduced quantities of replacement oil)

Significant reduction of filter insert consumption.

Reduced outages due to dirt in the oil system.

Reduced total operation costs