

DBP (Dampier to Bunbury Pipeline)

Customer market : INDUSTRY \ Oil & Gas

Country: Australia

Facilities: DBNGP CS01, CS03, CS05, CS07 & CS09

Short description: Fire and Gas System Replacement

Main Features (detailed description)

- **Services** ASSET SUPPORT
- **Business** ASSET SUPPORT / Maintenance Engineering

Detailed Presentation

DBP has six compressor stations on the Dampier to Bunbury pipeline which had obsolete fire and gas systems requiring upgrades.

Plexal Group performed all the upgrades including design, equipment specification, tender evaluation, software development, factory and site acceptance testing, installation supervision commissioning and client operator training of the following:

- new fire and gas detectors for station and compressor units;
- new control panel and wiring.
- The value of **Plexal Group's** scope was approximately A\$1,200,000 for all stations.

Key Features

- All systems installed with no outage to station and production.



Plexal Group was awarded:

1. Primary electrical, instrument and fire and gas system contractor;
2. Equipment specification, procurement assistance and software development;
3. Preparation of construction, commissioning, installation, operation and maintenance manuals; and
4. Site installation management, contractor supervision and commissioning.

Additional Information

- All projects successfully installed and commissioned;
- All compressor station upgrades completed on time and on budget;
- Four remaining stations being upgraded;
- Cost saving of around 20% for all stations after initial station upgrade.