

APA — QLD COMPRESSOR STATION 4 (SCRAPER STATION 4 UPGRADE)

PROJECT: QLD COMPRESSOR STATION UNIT 4 UPGRADE

LOCATION: CHARLEVILLE QLD

VALUE: \$5.8 MILLION

IN BRIEF

Commissioned by APA Group in 2013 to deliver a Scraper Station Unit Upgrade including Earthworks, Civil Works, Steelwork, Piping Demolition, Piping Installation, Electrical and Instrumentation Removal and Installation Works allowing for a bi-directional flow capacity.

CUSTOMER BENEFITS

Under the capable direction of Pipemech's Project Management team, trades and labour personnel worked diligently within a tight schedule to ensure APA Group's Eastern Haul Project delivered a successful outcome within the planned duration of the shutdown, which was conducted onsite some 95 km from Charleville amid extreme summer temperatures. The company rolled out comprehensive safety management protocols and strategies to alleviate the risk of heat stress and fatigue, resulting in no recordable injuries during the project. Integral to the seamless delivery of construction works during the shutdown, Pipemech ensured a transparent interface between its team and other stakeholders involved in the project. Pipemech's electrical and instrumentation subcontractor was strategically scheduled with planned pipe fabrication,

field weld placement and spool installation to minimise the time spent onsite during the shutdown. The combination of Pipemech's planning, systems and staff underpin its ability to deliver a successful outcome whilst maximising value for money for the client.

TECHNICAL FEATURES

- + Modify existing facility to allow bi-directional flow capability from the Cooper Basin to Gladstone.
- + Remove redundant and install new pipe supports and structural steel.
- + Excavation and reinstatement of bulk earthworks.
- + Remove redundant piping and control valve systems and replace.
- + Cathodic protection, electrical and instrumentation supply and installation.
- + Remove and relocate cathodic protection hut.
- + Pre-shutdown and shutdown scope planning and installation.
- + Prepare and utilise all construction execution plans, assisting in development of Plant Isolation Procedure/s.
- + Offsite fabrication of heavy wall pipe spooling.
- + Offsite construction of precast concrete footings.
- + Hydro test pack creation and hydro test completions.
- + NDT, QA system provision and completion of compliant MDR.

