

## FIELD JOINT COATINGS FOR DN450 2LFBE



QIC's Automatic Field Joint Coating unit on the move to complete the next FJC.

### PROJECT DATA

Location	Reedy Creek Wallumbilla Gas Pipeline, QLD
Contractor	Queensland Industrial Coatings
Client	APA Group
Products	Protal 7200
Date	December 2017
Ref No	B039

### PROJECT DETAILS

In 2017, APA Group awarded East Coast Pipelines the construction of a 50km bi-directional gas pipeline connecting Reedy Creek and Wallumbilla in QLD. The pipeline is wholly owned by APA Group and is named the Reedy Creek Wallumbilla Pipeline (RWCP).

East Coast Pipeline engaged a specialty coating business, Queensland Industrial Coatings (QIC) to carry out the Field Joint Coating (FJC) of the Mainline and tie-ins. The product of choice was Denso's Protal 7200 high build epoxy system, following the success it has achieved on recent national projects for APA Group such as the VNIE Stage 3 & Eastern Goldfields Gas Pipeline.

The material was applied to the Field Joints (FJ) by way of Automated Spray technology to reduce labour costs and to speed up application times seeing blasting and painting taking less than 5 minutes per FJ.

The project saw the delivery and application of over 4,800 litres of Protal 7200 supplied in bulk 800 litre kits delivered through a Graco XP70 plural pump at a 3:1 mix ratio.

The pipeline was constructed throughout December 2017 and was completed in May 2018. The mainline Field Joint coating consisting of 2,500 FJ's was completed in 15 working days whilst tie-ins were completed between February and March.

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