

FIELD JOINT COATINGS FOR DN150 AND TIE-INS



Pre Production Trials (PPT's) being undertaken at the Laverton Camp in Western Australia.

PROJECT DATA

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| Location | Yamarna Gas Pipeline, Western Australia |
| Contractor | Nacap Australia |
| Client | APA Group |
| Products | Protal 7200 |
| Date | December 2017 |
| Ref No | B037 |

PROJECT DETAILS

In 2018, APA Group awarded Nacap Australia the construction of a 198km gas pipeline running from the Eastern Goldfields Pipeline to the Gruyere Gold Mine Site in the eastern Yilgarn to fuel the Yamarna Power Station.

Nacap elected to use Protal 7200 for all Field Joint Coating (FJC) initially adopting specially sized 800ml manual kits for the 6" FJ. The material was supplied over 2 deliveries in Denso's 40' refrigerated container with the kits being applied by brush and roller.

Due to time constraints with manual application, Spray Application of bulk 800 litre kits was introduced in conjunction with the manual application where an additional 5 x 800 litre bulk material was supplied midway through the project.

The Manual Spray application was applied through a Graco XP70 pump at a 3:1 mix ratio and applied between 1,000 and 2,000 microns in thickness. The project saw the delivery and application of over 14,000 litres of Protal 7200 supplied in manual and bulk 800 litre kits delivered and applied on site.

The successful construction of the pipeline was completed on time in June 2018 seeing 198 km of pipeline constructed within 4 months from mobilisation.

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