

SMP Provides Specialised Tank Team for Wheatstone LNG Project

The Wheatstone Project is an onshore facility located at Ashburton North Strategic Industrial Area (ANSIA), 12 kilometres west of Onslow in Western Australia's Pilbara region. The foundation project includes two LNG trains with a combined capacity of 8.9 million tonnes per annum (MTPA) and a domestic gas plant.

The EVT JV is responsible for the engineering, procurement and construction of two LNG full containment storage tanks which have a capacity of 150,000 cubic metres each and two condensate storage tanks with a capacity of 120,000 cubic metres each.

SMP Engineering provided an experienced team of Superintendents, Supervisors, Welding Inspectors, Engineers, Welding Inspectors, HSE Officers and a 35-man crew consisting of Coded Welders, Boilermakers, Pipe Fitters, Riggers and Trades Assistants' to drive completion of the tanks.

Key support included:

- + Supply of CSWIP Qualified Welding Inspectors;
- + Engineers compiling detailed construction methodologies to ensure correct sequencing of tank panels;
- + Experienced AGW (Automatic Girth Welding) and AVW (Automatic Vertical Welding) Operators;
- + Checking 9% Ni plates for pitting & dents (manufacturing defect / handling defect) and overseeing remediation works.



"SMP was able to provide experienced personal at all levels that met the high standard expected on one of Australia's largest oil and gas projects. In particular, we needed Coded Welders with AGW and AVW tank experience for our critical path, and SMP were able to support us"

Justin Gray, Site Manager, EVTJV

Contact Us

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Structural+Mechanical+Piping+Engineering

Project Key Facts

Project Owner

Chevron Australia Pty Ltd

Project

Wheatstone

Client

EVT JV (Entrepose Projects, Vinci Construction, Thiess)

Value

\$300M

SMP Scope

Provide a specialist welding crew and equipment for the installation of carbon and stainless steel pipelines utilising TIG welding processes.

Project Conclusions

- + Over 25,000 project man hours LTI free
- + Supply of specialised welders, including AGW and AVW
- + Successful integration of 35-man crew to client's site team
- + All welders qualified to clients weld procedures
- + Compilation of detailed construction methodologies
- + On and off site support for Engineering work