

FMG Train Unloader Project

The train unloader is a key component of Fortescue Metals Group (FMG) expansion of Herb Elliott Port, which will support an increase in tonnes from the Cloudbreak and Christmas Creek mines and the new Solomon mine currently under construction. It's a major milestone that will increase FMG's port infrastructure capacity to 115 million tonnes per annum.

SMP Engineering was contracted by Laing O'Rourke for the mechanical and structural installation of a new train unloader. The project scope of works included the installation of a twin-cell car dumper, car positioner, apron feeders, discharge conveyors, ventilation and dust extraction system and the supply, fabrication and installation of the train unloader building, including cladding, all associated steelwork and piping systems.



FMG Chief Executive Officer, Nev Power, provided the following feedback on the project

"This is a tremendous achievement for Fortescue and I am extremely proud of the employees and contractors for completing this massive construction project safely, ahead of time and under budget."

Contact Us

Call the team at SMP Engineering for all your structural, mechanical and piping needs on 9412 8000. More project case studies can be viewed at www.smpeng.com.au

Project Key Facts

Project Owner

FMG

Project

Anderson Point Car Dumper

Client

Laing O'Rourke

Value

\$50M AUD

SMP Scope

SMP Installation crew of 35

Project Scope

SMP was involved from initial development of work packs through to the punch listing and sign off with the Client.

SMP crew worked on installation of:

- + Twin Cell Car Dumper
- + Car positioner
- + Apron Feeders and discharge conveyors

Other worksopes included:

- + Setup and installation of ventilation and dust extraction systems
- + Welding and fabrication of steelwork and associated piping systems
- + Shedders
- + Transfer station
- + Train Unloader Building

Project Outcomes

- + Incident Free
- + Professional team
- + Quality Product