

## Rail workshop and wheel lathe building

### Industrial construction and non process infrastructure



The scope of work for this project covers the design, fabrication, supply, transport, inspection, testing and commissioning of the Rail Workshop and the Wheel Lathe Building which are both steel framed structures with colorbond cladding based on a concrete slab. In addition to this, a fuel farm will be constructed adjacent to the Rail Workshop.

The Workshop contains the following:

- Two gantry cranes - 2 tonne and 38 tonne
- A prefabricated office complex, crib hut and ablution block
- Suspended steel platforms to access the locomotives
- A steel drawbridge
- Precast concrete dividing wall
- Structural steel structure supporting a colorbond clad roof
- 300 metres of rail line through the building
- Insitu slab and footing totalling 1800 cubic metres of concrete

The Wheel Lathe Building is designed and built to allow the wheel lathe machine to be removed, serviced and reinstalled.

The fuel farm comprises the following:

- Diesel unloading, storage and refuelling facility
- Lube oil unloading, storage and transfer system
- Radiator coolant storage and transfer system
- Oily water separator

CLIENT:	Fortescue Metals Group
LOCATION:	Railway Port Hedland to Cloud Break Mine, approx 17 km south of Port Hedland, Western Australia
EPCM:	FMG Team 45
CONTRACT VALUE:	\$18.3 million
START DATE:	August 2007
COMPLETION DATE:	March 2008