



## MCCONNELL DOWELL - Amrun Export Facility Project - Electrical and Piping Installation Works

**LOCATION**  
Weipa, QLD

**DURATION**  
May 17 - Mar 18

**VALUE**  
\$4.2 million

**MAN HOURS**  
15,200

### Project Overview

McConnell Dowell has awarded ECM the electrical, instrumentation and piping installation packages on the Amrun Export Facility Project - a construction project that will support Rio Tinto's future mining operations south of Weipa in far North Queensland.

The project includes the construction of a greenfield bauxite mine adjacent to Rio Tinto's existing bauxite mines as well as the construction of an accommodation village, processing plant, dam, tailings storage facility, export wharf, ferry terminal, and a number of roads. The construction of a 620m jetty and a 338m wharf will be managed by McConnell Dowell.

ECM's scope includes the fabrication and installation of piping to wharf modules, which was completed in China, and on site the supply, installation and testing of the both the piping and electrical works associated with the construction of the wharf and jetty.

### Scope of Work

#### Piping:

- Installation and testing of piping in China and supply, installation and testing of stainless steel, rubber lined, HDPE and carbon piping on-site.

#### Electrical:

- Installation, termination & testing of cabling, lights, poles and distribution boards, instrumentation, earthing & cathodic protection.