

DARWIN PORT IRON ORE SHIP LOADER & CONVEYOR

Client: Darwin Ports

Location: Darwin Port, NT

Year of Completion: 2006

Project Type: Industrial Blasting & Painting, Metal Fabrication & project Services

Contract Value: \$7.5 million

Darwin Port, operated by Darwin Port Operations Pty Ltd, is Australia's closest port to Asia and as such acts as the 'northern gateway for Australasian trade'*. It is from this port that support for the offshore oil and gas fields, including those in the Timor Sea and off the coast of Western Australia is provided. With various harbour control systems and extensive supply chains, the port receives bulk liquids, live exports, bulk materials, general cargo including that which is oversized.

Pructon was engaged to assist with works to fabricate sections of the ship loaders and conveyors. The fabrication was undertaken at Pructon's Darwin workshop with surface treatment done in the yard. The sections were transported to the Port of Darwin where the ship loader was assembled and skated onto the tracks. From there commissioning was undertaken for the conveyor and loader.

*DarwinPort.com.au, 2023

Scope of Work

- Off-site fabrication and surface treatment of structural steel
- Transport of the module sections from Pructon's fabrication yard to the Port of Darwin
- Erection of scaffolding
- 250m of conveyor gallery fabricated and installed
- Running and splicing of the conveyor belts on the Ship Loader and Gallery
- Installation of structural steel and site welding
- On-site sandblasting and painting

