



Orica Chemicals

Fisherman's Landing Caustic Terminal

Background:

The Orica Chemicals Yarwun Plant installed a new \$15M caustic storage terminal at the Fisherman's Landing loading facility. The scope of this project was to provide a 35,000 tonne Caustic Storage Facility in a GeoTank storage vessel, with a 370m transfer pipeline from the Fisherman's Landing wharf and a 5.5km buried delivery pipeline to the Yarwun Plant.

As Electrical consultants Welcon Technologies was responsible for the management, coordination and design of all electrical and instrumentation works associated with the project. This included: installation of a new 11kV indoor circuit breaker and distribution transformer, new outdoor 415V MCC, lighting and power, new Allen-Bradley ControlLogix PLC control system, approximately fifty new instruments and a 5km fibre optic communication cable to the main plant.

Welcon completed all electrical design drawings and installation documentation, as well as site testing and commissioning services.

Project Specifics

Client	Orica Chemicals - Yarwun
Location	Fisherman's Landing Gladstone, QLD
Year Completed	2011
Size / Quantities	35,000T GeoTank Caustic Facility
Services Provided	<ul style="list-style-type: none"> • Detail Design of HV Power Supply • Detail Design of Switchboard and Control Panel • Detail Design of Instrumentation System • Detail Design of Communications and Control System • PLC Programming • Installation Documentation • Site Testing & Commissioning
Delivery Method	Electrical Engineering Consultant