



## Sino Iron Project: Desalination Plant

### PROJECT DETAILS

**Location:** Cape Preston, Western Australia  
**Client:** United Group Limited  
**Role:** Sub-Contract Service Provider

#### Project Overview:

The Sino Iron Desalination Project situated in Cape Preston, Western Australia, involves the construction of Reverse Osmosis and pre-treatment, intake pumping station, post treatment and all interconnecting pipe work. APTS was responsible for the testing of all piping onsite and was involved in the development of Testpacks and planning of testing activities.

#### Scope of Work:

The piping tested included GRP, SMO, stainless steel, PE, PP and PVC which required testing to various standards including ASME B31.3, AS 4041 and client specifications.

APTS provided assistance to the project construction team with controlled bolting, commissioning and pre-commissioning activities. APTS also provided valuable Quality support by development of piping test packs through the use of our unique “*Testpacker Database*” and project tracking.

#### Services Provided:

Hydrostatic Pressure Testing, Pneumatic Pressure Testing, Testpack Development & Tracking, Pre-Commissioning & Commissioning activities, Flange Management, Sensitive Leak Detection and Line Blowing.

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