

Infrastructure Upgrades

Our client was one of the designated subcontractors for the design, development, implementation, testing and commissioning of a desalination plant in Australia. This was part of an expansion project that would double the capacity of the existing plant.

As per the plans, this new infrastructure would be integrated to the existing operations. This called for instrument stands, among other improvements, to be installed. Treadwell was engaged to provide the FRP solution to address these requirements.

Project Challenges

- Products would be constantly exposed to chemicals and moisture.
- Maintenance cost and downtime were a concern as the plant had to remain at constant high productivity levels.
- Material had to be non-conductive and customisable to single, double and triple posts.

PROJECT INFORMATION

Project Category:	Desalination Plant
Scope of Work:	Provide customised instrument stands
Treadwell Products:	EXduro™ Instrument Stands

Treadwell Solution:



1

EXduro™ instrument stands do not rust even in constant exposure to various oxidising conditions.

2

EXduro™ instrument stand posts were customised to fit the application.

3

FRP is simply fabricated and modified on site. This means there is no need for any hot works permit.

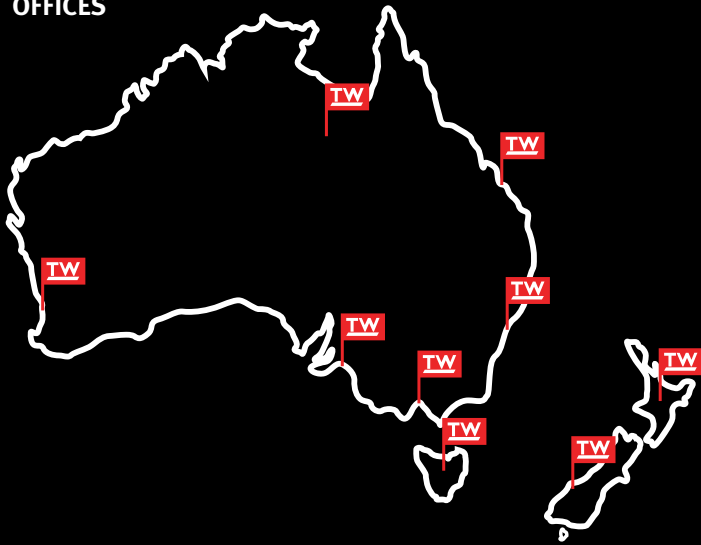
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Being lightweight and easy to install, FRP is very manageable during construction.

5

Given the nature of FRP, any system utilising it is virtually maintenance free, keeping maintenance costs to a minimum.

OFFICES



ABOUT TREADWELL

At Treadwell Group, our core business divisions have been developed utilising the latest fibreglass reinforced plastic (FRP) technology. With constant innovation and evolution of our offerings, we grow in competence with each experience in delivering unparalleled solutions to a diversified index of industries which include the water and wastewater, mining, oil and gas, public infrastructure, marine sectors. The progression of our products has been focused on ensuring extended design life in varied applications, enabling us to support our continuing commitment to satisfy and add value to our client's endeavours.

Australia

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