

# Safety Ladders for Milk Plant

Our client undertook a complete mechanical plant design for a milk plant in New South Wales. This included three large tanks with top access safety platforms; this was to allow for easy installation and removal of large aerator mixers. Their design included ladders and ladder cages to provide safety to personnel using the roof mounted manhole access. These ladders also needed to be lockable to prevent non-permitted access.

Treadwell was engaged to provide the FRP ladders and ladder cages.

## Project Challenges

- Selected material had to accommodate the extreme Australian outdoor weather conditions.
- Being installed in a corrosive environment, the selected material had to be able to withstand such conditions.

## PROJECT INFORMATION

Project Category:	Safe access for staff
Scope of Work:	Supply of LadderEX® ladders and safety cages.
Treadwell Products:	ACCESS SYSTEMS LadderEX® FRP Ladders & Ladder Cages

## Treadwell Solution:



- 1 LadderEX® is the choice alternative to metallic ladders and cage systems, providing superior corrosion resistance and electrical transparency.
- 2 LadderEX® ladders and cages are produced using a premium grade resin system with flame retardant and ultraviolet inhibitor additives.
- 3 For added safety, the ladder rungs are designed to be non-skid.
- 4 FRP is simply fabricated and modified on site. This means there is no need for any hot works permit.
- 5 Being lightweight and easy to install, FRP is very manageable during construction.
- 6 Given the nature of FRP, any system utilising it is virtually maintenance free, keeping maintenance costs to a minimum.

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**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.

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