

in the field

Yenda upgrades

The two Yenda storage tanks were upgraded recently. Both the raw water and the clear water tanks were heavily corroded internally, so a complete re-coat and renovation of the internal and external fittings was carried out.

The 30 metre high tanks presented unique access problems – the internal ladders, platforms and cages were cut out and Nextep vertical FRP ladders installed. The installation cleats were welded on by abseiling as the swinging stage could not be manoeuvred close enough to the wall areas to operate safely. Care had to be taken not to burn through the ropes, so the welder/abseiler wore a leather apron and full leggings over his harness. The external tank walls were not scheduled for a full re-coat, so once again, abseilers were used to ‘touch up’ the heat affected areas.

The external stairways made a direct drop to the ground difficult, so the operators started at the bottom and climbed up the ropes, re-coating along the way.



Rope Access



Rope Access Training



Aqualift conducts regular staff training in Industrial roping techniques and rescue from heights.

The Technical Rope Access Concept has been developed in association with equipment manufacturer SRT Australia to provide specialist training for all levels of abseiling and rescue.



Commercial diving and Industrial roping techniques 'marry well' to provide safe access into most work sites, while at the same time offering a self contained rescue operation capability from elevated areas and from within confined spaces.



Aqualift have always specialized in some of 'the more unusual' jobs within the water industry and our ability to operate safely and confidently in unique situations reflects our commitment to quality and innovation.

Abseiling into Confined Spaces

Confined Spaces require different ladder configurations than those used on external areas, due to the different access hazards involved.

The ability to rescue or extract an injured person from within a confined space situation requires that no obstructions be placed in the way of the access opening, or the areas below.

Conventional sloping ladders and platform structures placed under entry hatches will prevent a direct, unencumbered lift from the rescue area, so vertical ladders are recommended. However a suitable rescue frame or davit arm needs to be incorporated into the confined space access system to compensate for the simplified ladder configuration.

Vertical ladders need to be climbed by personnel wearing a harness and belaying system and operators need to have a higher degree of training to work in these situations – most confined space training falls short of providing these necessary skills, so Technical Rope Access techniques are the preferred option when using any type of vertical ladder system.

