

# Another Sky Climber Reference!

## Kangaroo Creek Dam, Adelaide Hills – South Australia



- DIVISION:** Sky Climber Europe
- PROJECT NAME:** Kangaroo Creek Dam, Adelaide Hills, South Australia
- APPLICATION:** Sky Stage Ultra with Alpha 500 hoists for custom-built rolling platform

Kangaroo Creek Reservoir is an artificial water storage reservoir in the Adelaide Hills, South Australia. The dam was built in 1969 and is 131m long and 65m high.

Although Kangaroo Creek Dam has performed satisfactorily since completion, changes to dam safety standards have meant that upgrade works were required to meet current criteria for resistance to seismic loading and flood capacity.

Sky Climber Europe provided a cost saving access solution by supplying four custom designed rolling platforms made from standard Sky Stage Ultra components. The platforms allowed inspection and upgrade works to be carried out on all areas of the dam while the entire dam remained fully operational.

The extra wide floor with two split levels allowed people on the platforms to access the slope of the dam and do the necessary inspection, remedial and upgrade works.

Alpha 500 hoists were used to allow the platforms to roll up the entire height of the dam. Special floating bottom trip limit switches were installed to prevent the platforms from going down into the water.

<b>Vertical run</b>	<b>65m</b>
<b>Suspension System</b>	<b>Anchor bolts (chemically anchored)</b>
<b>Type of Platform</b>	<b>Special Designed Crawler Platform based on standard Sky Stage Ultra Components</b>
<b>Rated Load of cradle</b>	<b>450Kg</b>
<b>Hoisting</b>	<b>Alpha 500 with Sky Lock III 9mm</b>
<b>Norms</b>	<b>EN1808</b>