

# Another Sky Climber Reference!

*Kem JV, Joint Shaft, Kimberley, Northern Cape – South Africa*



- DIVISION:** Sky Climber Europe
- PROJECT NAME:** Kem JV, Joint Shaft, Kimberley, Northern Cape – South Africa
- APPLICATION:** Installation of Escape Way in the Return Airway Shaft

The Kimberley Mines were at the heart of South Africa’s early diamond rush in Kimberley in the late 1800s, where the world’s first hard rock diamond deposits were discovered, hence the name ‘kimberlite’. The Kimberley Mines were integral to the economic development of South Africa as their output effectively financed development of the nascent gold industry.

Sky Climber provided 4 Alpha 800 hoists to its South African distributor SkyJacks, who custom designed and built a special platform that was installed in KEM JV Mine’s Joint Shaft to give the contractor access to the old lift shaft to install an escape way in the shaft.

The platform was installed 580m underground and was suspended off beam clamps attached to a custom designed and fabricated overhead structure. It had a SWL of 450kg and accessed the shaft from level 580m down to level 760m or a drop of 180m. A unique feature of the platform was a folding gate, which cantilevered off the side of the platform to give the contractor access to the shaft wall.

<b>Vertical run</b>	<b>180m</b>
<b>Type &amp; Length of platform</b>	<b>Custom designed platform</b>
<b>Type of hoist</b>	<b>Alpha 800 3ph 400V</b>
<b>Rated Load</b>	<b>450kg – 2 persons</b>
<b>Norms</b>	<b>EN1808</b>