

CUSTOMER: Murray & Roberts Power and Energy
PROJECT NAME: Kusile Power Station
APPLICATION: Construction of 600MW Boilers

PROJECT DESCRIPTION

Kusile Power Station in Mpumalanga is a green fields power station project consisting of 6 x 800 megawatt coal-fired generating units for a total generating capacity of 4,800 megawatts.

Working as a specialist subcontractor for Murray & Roberts Power and Energy the contract called for the installation, maintenance and moving of temporary suspended platforms ranging in size from 6m to 9m during the construction of Kusile’s huge boilers.

The platforms were suspended by slings hanging from the super heaters and were installed complete with 9mm wire ropes, Sky Lock, overload/ underload device and top limits.

At peak SkyJacks had a total of 99 suspended platforms hanging inside the boilers and a permanent site crew to support the main contractor with installations and moves.

This project showed the enormous cost benefits offered by suspended access and demonstrated that suspended platforms are a safe and efficient way to work at height.

Vertical Run	90 m
Type of Platform	6m to 9m standard platforms, 2m corner platforms
Rated Load	340kg 3 persons
Type of Hoist	2 x Alpha 800 per platform
Standards	SANS 51808, SANS 10295-2, SANS 10162-1
Type of Suspension System	Slings

