

CUSTOMER: Murray & Roberts Power and Energy (MRPE)
PROJECT NAME: Medupi Power Station
APPLICATION: Installation of Boiler House Sheeting

PROJECT DESCRIPTION

Medupi is a new build coal fired power station and is located in Limpopo Province approximately 360 km's from Johannesburg. On completion it will have a 4800 MW of installed generating capacity form six 800 MW generating units.

This custom 3-tier suspended platform system was designed and installed for MRPE at Medupi Power Station to access the outside of the boiler house in order to install sheeting. This custom built system allowed the contractor to access large work areas efficiently assisting them in completing the sheeting faster than originally anticipated.

The platform was suspended from trolleys attached to a monorail allowing it to move both horizontally and vertically and was powered by two Alpha 800 hoists with an E-Stop installed on every level. SkyJacks did the initial installation, did positional moves for contractors as required and carried out daily pre-use inspections.

Vertical Run	110 m
Type of Platform	Custom 4m 3 -Tier Suspended Platform
Rated Load	360kg – 3 persons
Type of Hoist	2 x Alpha 800
Standards	SANS 51808, SANS 10295-2, SANS 10162-1
Type of Suspension System	Monorail and Trolleys

