

CUSTOMER: Concor Karina Africa Joint Venture
PROJECT NAME: Kusile Power Station Smoke Stack
APPLICATION: Installation of Steelwork

PROJECT DESCRIPTION

Kusile Power Station is a new coal fired power station located in Mpumalanga approximately 110 km’s from Johannesburg. On completion it will consist of 6 x 800 megawatt generating units for a total generating capacity of 4,800 megawatts.

Concor Karina Africa Joint Venture (CKJV) constructed the concrete chimneys and as part of this project SkyJacks was contracted to design, build and install a custom 3m dia. circular platform to provide a safe and stable work platform for the contractor to install cat ladders and landing platforms inside the stacks. The vertical lift was 192m and the platform was powered by six Alpha 800 traction hoists. The platform was suspended from the main steel beams using 16mm slings.

SkyJacks provided the CKJV site team with accredited training on the safe operation and daily inspection of the platform.

Vertical Run	192 m
Type of Platform	Custom 3m Dia. Circular Platform
Rated Load	500kg – 4 persons
Type of Hoist	6 x Alpha 800 380V
Standards	SANS 51808, SANS 10295-2, SANS 10162-1
Type of Suspension System	Slings

