



POWER ENGINES – MINING SECTOR, TANZANIA

PROJECT BACKGROUND

An established gold mine situated in Geita region in the process of up grading their power plant and installing Wartsila engines, 4 x 157 mt. This was a challenging project as transport mode was two fold - via land and water (Lake Victoria). Units were received in Kilindini port, transported by road to Kisumu, and shipped via Mwanza for customs clearance and then onto Nungwe bay.



TRANSEAST SCOPE OF WORK

- Establish appropriate trailer configuration for loads in line with KENHA (Kenya National Highways Authority) & TANROADS (Tanzania Roads Authority) legal requirements.
- Plan all viable route surveys and document. Consider turning radiuses.
- Pre plan vessel loading in Kisumu through to Nungwe bay.
- Ensure risk analysis & daily tool box talks are documented.
- Prepare method statement & Stability calculations.
- Take direct delivery of cargo in port from Vessel.
- Apply abnormal permits with KENHA & TANROADS
- Stage additional units in nominated transit facility for temporary storage awaiting transport.
- Convoys of 2 units are transported to Kisumu and loaded onto MV Nyakibalya.
- Push / pull truck assistance to be given where applicable.
- Transeast to supervised loading & offloading of the barge.
- Heavy lift team to off units from MV NYAKIBALYA and proceed to site.
- All units to be jacked and skidded onto plinth within the power house for final installation.

CARGO DETAILS

Mass: 4 x 157 mt,

Length: 12,700 mm

Width: 3,100 mm

Height: 4,700 mm

EQUIPMENT

2 X 600 HP Mercedes Titans & 1 x 360 HP MAN 8x8.

Goldhofer 1 x 18 line / 2 file

Scheuerle 1x 16 line / 2 file

Enerpac hydraulic equipment – Jacking & skidding.



ROUTING

Kenya – Kilindini port via Nairobi, Nakuru, Kericho & into Kisumu port on shores of Lake Victoria.

Shipped from Kisumu port to Mwanza & on to Nungwe bay, Tanzania on MV NYAKIBALYA.

