



- *Sudanese Electricity Transmission Co. Ltd.*
- *Sudanese Thermal Power Generating Co .Ltd.*
- *Sudanese Mobile Telephone Co.Ltd. (Zain).*

**Experience:**

*Power plant operator in **PETROENERGY** (oil & gas Company) from 24 of July 2013 until now*

**Current job duties:**

- Operating of Rolls Royce 4.1MW gas engines, WARTSILLA 6.8 MW gas engines, WARTISLLA 2.1MW diesel engines and emergency Perkins diesel generator 500KW.
- Patrol checking: engines state, vibration, abnormal voice, systems leakage and all engines auxiliaries.
- Control room: monitoring SCADA engines parameters and control within defined limits and take the necessary corrective action in case of emergencies or equipment breakdown to ensure the uninterrupted power service to field.
- Record all the engines parameters and all feeder parameters every two hours.
- Care for emergency diesel generator is standby all time.
- Observing outgoing feeders load in switchgear LV (400V-220V) and MV (11KV-33KV).
- Tripping and re-closed switchgears.
- Close with superintendent and reporting station status every 12 hours.
- Preventive maintenance – Daily inspection and checks of all equipment visually or by listening to the components. Taking the readings of all meters and gauges. If the readings show a falling or rising trend, find reason and take an action.
- Co-operate with construction department to make commission and testing for new equipment and installations in power plant
- Take care about all electrical safety precaution and issue electrical isolation certificate & work permit for maintenance team.

