



C.V

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Nationality: Sudanese
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Education Qualifications:

- Bachelor in Electrical Engineering (Control) - Jordanian Sudanese College of Science and Technology - April.2014
- Three years diploma in Electrical Engineering - Sudan University of Science & Technology - Feb.2004.
- Microsoft office (Diploma) - Oracle for computer Science & Information Technology
May/16/2005 to Aug/16/2005

Training course

- Power Station Operation and Maintenance May/01/2004 to Dec/31/2004 - Elobaied Power Station -Sudan
- Generator Switchgear Delay protection May/19/2010 to May/28/2010 - China
Petroleum geophysical Technical Training Center - China

Work Experience

- **(Feb/01/2013 to present)** Power Plant Foreman – Petro-Energy E&P.
- **(Feb/01/2012 to Feb/01/2013)** Substation Operator - Petro-Energy E&P.
- **(Sept/01/2007 to Feb/01/2012)** Power plant operator - Petro-Energy E&P.
- **(May/01/2004 to Dec/31/2004)** Power plant operation and maintenance - Elobaied power station.

Work Description, Duties and Responsibilities

▷ O&M in Elobaied power Station:-

- Start, stop, and synchronize the plant engines.
- Check and observe engines and generators parameters.
- Check the engine status (cooling, lubricating and ventilation to be in perfect situation)
- Know the control and protection systems.
- Check and maintaining the CB (0.4KV & 11kv) with maintenance team.
- Installation of power and control cables for the new engines and labeling

▷ Petro-Energy E&P

- Operation for engines types {(Rolls-Royce <gas engine>), (Wartsilla <diesel & gas engine>) and (Perkins <diesel engine>)}.
- Check and observe the generators and engines parameters.
- Isolate the engines (electrical or mechanical) for maintenance.
- Resume the power after blackout.
- Using SCADA system for control, operation, monitoring and data record.
- Patrol check for the running engines (cooling, lubricating, control air, vibration, abnormal sound, etc...).
- Preparing daily, monthly, yearly report.
- Check the UBS operation system.
- Determinate the fault specification for maintenance team and work with them to solve the problems.
- Check the switch gear condition (load, current, voltage, protection setting).
- Operation of switch gear (33KV, 11KV, 0.4KV) ON, OFF, Rack in, Rack out, earthling, synchronize, load transfer and ATS system.
- Using MICOM relay for setting, fault record, active protection.
- Reporting, prepare the safety procedure for maintenance (execute work permit) and supervise the job.
- Patrol check for OHL 11KV & 33KV.
- Monitors and supervises the operating conditions of all equipment's on site include monitoring the parameters and the load and reports any problems to immediate supervisor for handling.
- Provides a safe condition for maintenance, ensures that all electrical isolation are in accordance with safe work procedures.
- Drafts safer work permits and ensures that necessary equipment is ready for the maintenance needed. Submits work permit to supervisor for approval.
- Checks regularly lube oil, fuel oil to ensure the level are a defecate.
- Maintains and update the daily operations and maintenance log. Records all problems that occurred and actions taken to solve such problems.
- Operates facility from the control panel. Assists operators in their tasks when required.

- Works closely with technical services group and area maintenance personnel to solve operation and design problems.

KEY COMPETENCIES AND SKILLS

- Excellent practical skills.
- Fault finding & problems troubleshooting
- Supervisory Skills.
- Work with multinational environments.
- Physically fit for hard manual work.
- Details oriented
- Safety conscious.
- Energy and enthusiasm.
- Numeracy skills.
- Work under pressure.