

102112-ELE-45MO-E-2014

Electrical Maintenance & Operation Engineer

Holds a B. Sc. in Electrical Power & Machines Engineering and has about 8 years' experience in operation, maintenance, trouble shooting, shutdown activities and administration work at chemical production factory, gold mines, power generation and oil & gas.

PERSONAL DATA

Nationality : Egyptian
Gender : Male
Residence : Alexandria

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Alexandria University, 2014

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: Ecodial, AutoCAD, Etap

TRAINING COURSES AND CERTIFICATIONS

: Trainings at:

- Sidi Krir Station for Generation and Distribution.
- Muham Bk, Karmooz distribution companies.

: EX inspection & clear from Rashid Petroleum Company (Feb. 2018).
: Certificate in Automatic control, Basics of PLC and Scada - from Schneider.
: Certificate in power system, distribution and control program - from ATC.
: PCB for electronic circuits - from ATC.
: Electrical protection, low voltage system and home wiring (self-study).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jul. 2018 till now
Employer : Rashid Petroleum Company
Job title : Electrical Maintenance & Operation Engineer

Job Description :

- Troubleshoot and fix for Electrical faults.
- Apply PM's on MCC, medium voltage switch board, generators, transformers, UPS, battery chargers, lightning, earthing, cathodic protection, lighting & motors.
- Had a competent training at explosion proof types to ensure all equipment are healthy and clear EX comments whenever found.
- Responsible for ATS between switch boards and starting up the system as fast as possible when Blackout occurs.
- Reviewing spare part availability, reordering, requesting and technical reviewing to offers.

Dates : From Jul. 2016 till Jul. 2018

Employer : TAQA Arabia

Job title : Electrical Maintenance & Operation Engineer

Job Description :

- YAT, YAP, ZAP CATERPILER (2&1) MVA, CUMMINS (2&1) MVA.
- Operation of diesel power station and apply PM's for diesel engines.
- Troubleshoot and fix for Electrical faults.
- Power station commissioning (SWG, transformers, generators & LV-MV cables).
- LV and MV isolation with safety precautions.
- Planning the PM's work using SAP program.
- DEEP SEA programming & ET analysis.

Dates : From Jun. 2015 till Jul. 2016

Employer : Sukari Gold Mines

Job title : Electrical Operation Engineer

Job Description :

- MAK 7 MVA, Wartsila 7.8 MVA, CUMMINS 2 MVA.
- Operation of three power stations, Wartsila 40 MVA, MAK 35MVA and CUMMINS 12 MVA.
- Troubleshoot and fix for Electrical faults.
- Watch the performance of and limits of power station auxiliaries sensors and generators using SCADA Trends.
- Define and adjust safe operating limits if electrical network interconnected between power stations.
- Starting up the system as fast as possible when Blackout occurs.
- Perform Safety and Isolation procedures for maintenance and d Daily reporting for fuel consumption, power generation, and technical status of the generator.

Dates : From Oct. 2014 till May 2015

Employer : Salt and Soda Company

Job Description : Troubleshoot and fix for Electrical faults.

Skills:

Insulation Resistance test and TDMS secondary injection.