

100871-ELE-CMOS-E-2009

Senior Electrical Power Engineer

Holds a B. Sc. in Electrical & Computer Engineering (Communication & Electronics) and has over 11 years hands-on experience working in construction, maintenance, operation, testing, commissioning and start-up.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 02/11/1986
Gender : Male
Marital Status : Married
Residence : New Cairo

EDUCATION

: B. Sc. in Electrical & Computer Engineering (Communication & Electronics),
Higher Technological Institute in 10th of Ramadan City, 2009

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

: Windows, MS Office, Internet
: CCNA (Cisco Certified Network Associate)

TRAINING COURSES AND CERTIFICATIONS

: Training at Partners Success (Nov. 2011):

- Electrical Safety Course.
- Fire fighting course.

: Training at Settec Company (Jul. 2011):

- First Aid.
- Risk Assessment.

: Training at Ericsson Company (Dec. 2010) - Installation, Upgrading and Swapping for:

- MINI-LINK E Ericsson with Mini Link Service Manager 6.3.
- MINI-LINK TN Ericsson with Mini Link Craft.
- DXX (Digital Cross Connection Unit) Installation.
- Site Acceptance.

- : Training at 3 HANDS Company (May 2009 - Jul. 2009) - Advanced Wireless Package:
 - WI-FI (Wireless Fidelity).
 - WI-MAX (World Wide Interoperability for Microwave Access).
 - VOIP (Voice over Internet Protocol).
- : Training at Kahromika Company (May 2006 - Jul. 2006) - North Cairo Power Station II:
 - Introduction to power station.
 - Safety department.
 - Quality control department and technical office.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From 2018 till now
- Employer** : BAPETCO (Badr El-Din Petroleum Co.)
- Projects** :
 - SITRA power centralization in BED 3 Area
 - MRU (Mercury Removal Unit) in BED 3 plant
- Job title** : Senior Electrical Power Engineer (Projects dept.)
- Job Description** :
 - Installation, mechanical completion, testing, pre-commissioning, commissioning and start-up for:
 - LV switchboards.
 - MV switchgear.
 - Step up and step down transformers.
 - Ups ac & dc.
 - VSD (variable speed drive).
 - Heat tracing.
 - Cathodic protection system.
 - Clean and dirty earthing network.
 - MV & LV motor.
 - Protection relay.
 - Fire and gas systems.
 - Lighting (flood, street, normal, emergency).
 - Review technical drawings then give comments to design to take action.
 - Comment to the contractor to take actions.
 - Study and raise any design change notification required during mechanical completion and pre-commissioning.
 - Perform with contractor all the required checks and tests relevant to the approved check lists and check sheets and give a decision related to the tests results.
 - Produce punch list for electrical systems and subsystems to ensure compatibility of these systems to our standards and regulations.
 - Supervise installation of 1.2MVA emergency diesel generator, mechanical completion, testing, pre-commissioning, punch list clearing and commissioning.
 - Small solar cell system of wellhead installation, mechanical completion, testing, pre-commissioning, punch list clearing and commissioning.

Dates : From 2013 till 2018
Employer : Holding Company for potable water
Project : Potable water station in Zagazig
Job title : Head of Operation & Maintenance Dept.
Job Description :

- Responsible for implementing all maintenance activities to ensure trouble free plant operations and optimal utilization of electro-mechanical and power equipment.
- Allocate resources and inspect to ensure trouble free and continuous operation of electro-mechanical and power equipment.
- Maintain records of problems and its solution, work orders and performance evaluations in systematic way to ensure easy retrieval and availability of information.
- Plan and monitor spare parts level and expedite with preparation to ensure their availability for maintenance of power equipment.
- Analyze problems and recommend solutions to maximize availability of electro-mechanical and power equipment.

Dates : From Dec. 2009 till Nov. 2013
Employer : Ministry of Water Resources and Irrigation
Job title : Electrical Power Engineer
Job Description :

- Leading a team of two or three technicians to accomplish a certain job which received by my director, as a work order.
- Trouble shooting where is the problem in the motors from the electrical side and solving it.