100898-ELE-56CDEM-E-2014

Field Engineer

Holds B. Sc. and M. Sc. in Electrical Power Engineering and has over 6 years hands-on experience working in construction, design, technical office and maintenance.

PERSONAL DATA

Nationality : Egyptian Gender : Male

Residence : Mokattam, Cairo

EDUCATION

B. Sc. in Electrical Power Engineering, El-Shorouk Academy, 2014

: Master of Engineering (Electrical Power Engineering), Edith Cowan

University - Perth, Australia (2017-2019)

LANGUAGES

Arabic : Native Language

English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

: AutoCAD, SAP, Dialux Evo, PLC S7-200, MATLAB, ETAP, Revit MEP,

Python, PowerFactory

TRAINING COURSES AND CERTIFICATIONS

: Classic Control at DON BOSCO.

: Power System Distribution I & II at JELECOM.

: Programmable Logic Control (PLC 200) at DON BOSCO.

: Internship at Rashed Co. (Rasheed Oil Company) (Aug. 2011).

: Internship at SUCO Co. (Suez Oil Company) (Jul. 2011).

Participated in the soft skills workshop (Leadership, interviewing, time

management, communication skills).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Aug. 2020 till Oct. 2020

Employer : Pico Energy

Job title : Field Engineer - SWT

Job Description

- Performing all jobs related to Surface Well Test including rig up, rig down, mobilization and operation.
- Performing pressure test using Well Test equipment.
- Recording data accurately to achieve a high-quality report.
- Dealing with different equipment like separators, heaters and data acquisition.
- Carrying out field lab testing of oil & gas samples to provide the following date: Oil gravity, Gas gravity, Salinity, PH, etc.

Dates : From Nov. 2016 till Apr. 2017

Employer: Memaar Al Morshedy

Projects : BMW'S Project, Degla Towers Compound

Job title : Electrical Site Engineer

Job Description

- Reviewing Electrical shop drawing and implementing Electrical works such as lighting, power sockets, data (CCTV, wireless, access to doors) in construction buildings.
- Inspected all electrical systems throughout the building to ensure efficiency and proper functioning.
- Co-ordinate with mechanical works in order to ensure agreement between electrical works and mechanical works.
- Reviewing the completion of entrepreneur's works before deadline.
- Implementing Medium voltage and Low voltage cable works.
- Implementing Earth system.

Dates : From Nov. 2015 till Oct. 2016
Employer : Infra Misr for Consulting Services

Projects: El Hayksteb International School, Family Parks Mall

Job title : Junior Electrical Engineer

Job Description

- Design and shop drawing electrical works (lighting, power sockets, data) by using AutoCAD.
- Checking load balance in three phase systems using Excel sheet and calculating voltage drop.
- Checking and determining size of cables.
- Visiting sites and checking electrical works are identical with the design and shop drawing.

Dates : From Sep. 2014 till Nov. 2015Employer : Global Electromechanical Service

Projects : Qatari Diar, Villa of United Nations, Katameya Food Court

Job title : Electrical Site Engineer

Job Description : • Implementing Electrical works such as lighting, power sockets, data

(CCTV, wireless, access to doors) in construction buildings.

 Maintaining and implementing Electrical Load Estimation by analyzing the load characteristics.

 Review the available voltage system types/classes and levels and the utility's rate structure.

 Develop demand factor relationship between connected loads and the actual demand imposed on the system.

- Cost estimation and budgets.
- Responsible for teams of 10 to 15 and monitoring them.
- Engaged in meeting with Industry stakeholders figuring out the best solution.

Field of experience:

- Good understanding of Electrical Drawings, Planning of Projects, Erection & Maintenance.
- Excellent knowledge of the installation and maintenance of electrical systems and equipment.
- Both practical as well as theoretical knowledge of Different Electrical Instruments.
- Understanding of electrical codes and safety regulations.
- Working more efficiently and productively so that maximum output comes.
- Regular analyzing of organizations Electrical Load Consumption with Ratios and analysis.
- Planning & scheduling assignments to achieve pre-set goals within time parameters.
- Formulating long term/short term strategic plans to enhance operations.