

Holds a B. Sc. in Electrical Power Engineering and has about 10 years hands-on experience working in construction and maintenance.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 22/06/1985
Gender : Male
Marital Status : Married
Residence : Currently KSA

EDUCATION

: B. Sc. in Electrical Power Engineering, Kafr El-Sheikh University, 2007

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD 2D

TRAINING COURSES AND CERTIFICATIONS

: Medium voltage switchgear (maintenance, operation and protection).
: Process control course.
: Electrical maintenance and troubleshooting.
: Summer training at Desuq Distribution Power Station (Jul. 2004).
: Training course at Horse Company for Eng. Works (from Jul. till Oct. 2007).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jun. 2014 till now
Employer : Abuljadayel Company for contracting & maintenance
Project : North Jeddah Pumping Station
Job title : Construction Engineer

- Job Description** :
- Termination and cable pulling for medium and low voltage systems (13.8KV & 380 V).
 - Grounding and lightening system installation.
 - Installation of MV diesel generator with its synchronization panel.
 - Installation of raceways including cable tray and conduit for cables.
 - Panel and cables Commissioning and testing after installation.
 - Commissioning and start-up for electrical systems as 4160 Volt VFD (Eaton SC9000), 13.8KV MCSET MVSGR, 4160V-2350KW motor pumps and power transformer.
 - Testing and commissioning for 13.8 medium voltage switchgear (MCSET).
 - Calculations for the loads and cables, circuit breakers, contactors and over load protection device selection.
 - Fire alarm system installation.
 - SCADA control system Schneider.
 - Intercom, public address & CCTV system.
 - NOTE: 1 year maintenance contract for the plant after final testing and commissioning for all equipment:
 - Medium voltage switchgear troubleshooting and preventive maintenance.
 - Medium voltage drive (SC9000) troubleshooting.
 - 13.8KV high speed diesel generator with its synchronization system troubleshooting.
 - Hydraulic and electrical penstocks troubleshooting and preventive maintenance.
 - Power and control panels troubleshooting and preventive maintenance.
 - Supervising fire alarm system preventive maintenance.

Dates : From Apr. 2012 till Jun. 2014

Employer : General Authority of Alexandria Port

Job title : Construction & Maintenance Engineer

- Job Description** :
- Troubleshooting and electrical maintenance for boot tugs.
 - Troubleshooting and electrical maintenance for:
 - Motor starters.
 - Main distribution switchboards.
 - Control & protection circuits including sensors and gauges for different purpose.
 - Different motors and compressors.
 - Alarming systems.
 - Construction of 11KV distribution station (11KV MVSG ABB UNIGEAR).
 - Supervision electrical construction projects in the port as water plant and fire fighting network.
 - Supervision executing of lighting works and power circuits.
 - Supervision executing of fire alarm system.
 - Troubleshooting and electrical maintenance for medium and low voltage distribution board.
 - Troubleshooting and electrical maintenance for lighting system of all area of the port.

Dates : From Jul. 2010 till Apr. 2012
Employer : Sinai Cement Company
Job title : Construction & Maintenance Engineer
Job Description :

- Supervision construction of Sinai White Cement Company line 1 (Limestone and clay crushers, stacker, reclaimer, raw mill, preheater, kiln, cement mills and packing machine).
- Troubleshooting and electrical maintenance for grey cement production lines including: transformers & motors & drives & control circuits and instrumentation.
- Saving reliability and troubleshooting of Sinai Grey Cement Company line 1, 2.
- Saving reliability and troubleshooting of MV switchgears (6.3KV).
- Saving reliability and troubleshooting of distribution MV and LV machines.
- Maintenance and troubleshooting of MV and LV panels (power, control, protection).
- Preparation and execution the preventive maintenance of MV and LV electrical systems and machines according to ISO 9001.

Dates : From Jun. 2009 till Jun. 2010
Employer : Misr Company for Mechanical and Electrical Projects (Kahromika)
Project : EL-ATF Combined Cycle Power Station 750MW
Job title : Construction Engineer
Job Description :

- Transformers:
 - Installation of main transformer 220/21KV, 300MVA and auxiliary transformer 21/6.3 KV, 32/16-16MVA.
 - Installation of Isolated Phase Bus Duct (Bus Bar) between generator, excitation transformer, generator circuit breaker), auxiliary transformer and main transformer.
- Electrical Panels and Batteries:
 - Alignment and fixing of switchgear, load center, motor control center (MCC) and protection relay panels also interconnection inside these panels.
 - Alignment and fixing of Batteries and the interconnection between them.
- Fire Alarm System:
 - Installation of heat and smoke detectors (addressable and conventional type).
 - Installation of manual call points and electronic alarm sirens.
 - Pulling and connecting control and power cables between fire alarm control and indicating panel.
 - Loop check and test for fire alarm system after installation.

Dates : From Jan. 2009 till Jun. 2009
Employer : Misr Company for Mechanical and Electrical Projects (Kahromika)
Project : EL-ATF Combined Cycle Power Station 750MW
Job title : Construction Engineer
Job Description :

- Cable Pulling and Termination:
 - Pulling and Termination of medium voltage cables (6.3KV) from auxiliary transformer to switchgear and from switchgear to load

- center.
- Pulling and termination of low voltage cables (380 V) from the load center to motor control center (MCC) to the different motors.
- Pulling and termination of control and instrument cables between different panels.
- Cable tray and conduit:
 - Installation of raceways including cable tray and conduit for cables.
- Commissioning:
 - Commissioning and test after installation including continuity, meager and high potential test after termination.

Dates : From 2007 till Dec. 2008

Employer : Alexandria Company for food industries developing (AMMCO FOODS)

Job title : Maintenance & Operation Engineer

Job Description :

- Design the low voltage panels for anew production line containing cable calculation.
- Maintenance of control panels of production lines.
- Designing control circuit of different application.
- Fire fighting system (electrical side).

Skills:

- Generation systems technique.
- Distribution systems concepts.
- Loading conditions and supplying with power.
- Lighting and load distribution charts.
- Maintenance of electrical equipment's and power system elements.
- Familiar with protection and control circuits.
- Recognition different electric codes and standards.
- Sensing and alarming systems.
- Preparing technical reports about work site statues.
- How to lead a team in a proper manner performing a lot of tasks at the same time.