

Holds a B. Sc. in Electrical Power & Machines Engineering and has over 9 years hands-on experience with comprehensive knowledge of designing, developing and maintaining electrical systems and components to required specifications. Has a comprehensive understanding of electrical health and safety regulations.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 06/11/1987
Gender : Male
Marital Status : Married
Residence : Currently KSA

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Alexandria University, 2011

LANGUAGES

Arabic : Native Language
English : Excellent

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

: SAUDI ROYAL COMISSION APPROVAL (CONSTRUCTION MANAGER).
: SAUDI ROYAL COMISSION/BECTHEL (SAFETY PROJECT MANAGEMENT TRAINING).
: SAUDI ELECTRICITY COMPANY APPROVAL (SITE MANAGER).
: SAUDI ENGINEERING COUNCIL.
: PROJECT MANGEMENT PROFESSIONAL (PMP).
: SAFETY COURSE (IASP).
: GIS & POWER TRANSFORMER O&M TRAINING (HYOSUNG Co.).
: ICDL (UNISCO).
: PLC (Programmable Logic Controller), ITC.
: English course (level 8) from Berlitz Institute.
: Simulink training from the Faculty of Engineering under the auspices of IEEE.

- : AutoCAD 2010 and Dialux training from the Faculty of Engineering under the auspices of IEEE.
- : Trainings at:
 - South West of Delta Company (trained as an Operating Engineer) (from Jul. till Sep. 2010).
 - Nubaria Power Plant (trained as an Operating Engineer) (from Jul. till Sep. 2011).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Feb. 2018 till now
- Employer** : ALFANAR
- Project** : RAS ALKHAIR, ALJUBAIL, KSA (RIC3 380/115/33KV BSP)
- Job title** : Construction Manager
- Job Description** :
- Develop the scope of engineering work, schedules, and budgets for assigned project elements, and monitor progress to meet schedule and budget requirements. Identify and document changes in scope. Assist in determining the scope of procurement work, schedules, and budgets for assigned project buy outs, monitoring progress to maintain those procurements. Interface with procurement and subcontract personnel to facilitate the bid process. Coordinate the utilization of interdisciplinary technical personnel on the project with other Project Engineers. Coordinate the assignment of personnel from other technical support groups within the company. Assist the Project Manager in planning, directing, supervising, and controlling the execution of technical, fiscal, and administrative functions of the project or study.
 - Revision of electrical drawings design and coordination with civil, mechanical drawings.
 - Analyze all problems affecting the progress and solve them along with the project manager and Site engineers.
 - Assure that all activities going on with safety standards in coordination with the safety Manger.
 - Assure that all drawings last REV and IFC in coordination with quality and project engineer.
 - Support efforts to promote and facilitate communication to Customer and Stakeholders and resolution of issues.
 - Promote and practice Continuous Improvement, Constructability & teambuilding throughout the station team.
 - Oversee jobsite expenditures for craft supervision, labor equipment, material and services and verifies field operations are within the budget. Substation Automation System.
 - HV, MV, LV and fiber optic cables laying and termination.
 - Protection, Control and power panels' erection and 502MVA, 100MVA and 2.5MVA Transformers installation.
 - 380KV, 115KV GIS installation.
 - Cable raceways erection.
 - Materials and manpower estimation.

- Dates** : From 2015 till 2018
- Employer** : ALFANAR

Project : TURAIF, ALUQAIR, DAMMAM HOUSING, KSA (380/115/33KV BSPs)

Job title : Site Manager

Job Description :

- 380/115KV GIS erection.
- Substation Automation System.
- HV, MV, LV and fiber optic cables laying and termination.
- Protection, Control and power panels erection.
- 67MVA and 502MVA Transformers installation.
- Cable raceways erection.
- 13.8KV Switchgear erection.
- Materials and manpower estimation.
- Earthing Work (Main Earth grid, Reinforcement Earthing, Equipment).
- Lighting shield Earthing.
- Fire alarm, firefighting and HVAC systems execution.
- Analyze all problems affecting the progress and solve them along with the project manager and Site engineers.
- Assure the all civil work quality.
- Following the Testing Activities Progress – arrangements starting from (Pre-check up to SAS Open loop – closed loop – End to End testing).
- Assure that all drawings last REV and IFC in coordination with quality and project engineer.
- Support efforts to promote and facilitate communication to Customer and Stakeholders and resolution of issues.
- Promote and practice Continuous Improvement, Constructability & teambuilding throughout the station team.

Dates : From Sep. 2013 till Jun. 2015

Employer : CENTAMIN

Project : Sukari Gold Mine Diesel Power Plants
(WÄRTSILA 5x8MW, MAK 5x8MW, Cummins 4x1.5MW)

Job title : Operation Engineer

Job Description :

- Supervision for electrical installation (Cable Trays, M.V switchgears, Control Panels, MCC, Power and Distribution Transformers, Measurement Instruments, Cables laying and termination) for WÄRTSILA Power Plant 40MW.
- Responsible for safe start-up, shutdown and operation of the plant and equipments (SCADA & PLC systems).
- Rectify and repair the fault within a limited time while the production is in progress.
- Providing technical support for specific plant operations to ensure that all relevant electrical drawings of all the machines are constantly updated.
- Daily checks of safety switches, air leakages, temperature and cooling system to ensure that Safety of both personnel and machines are not compromised.
- Plant operations reporting, performance monitoring of the Plant and different equipment.
- Have the attitude with a high level of understanding of all safety documents such as lock out/tag out, hot work permit, confined space entry permit, chemical hazard, emergency response procedure, etc.

Dates : From Jan. 2013 till Sep. 2013
Employer : ELECTRO THARWAT Company
Project : Giza North Combined Power Plant 2x750MW
Job title : E&I Site Engineer
Job Description :

- Complete installation for measurement instruments (Flow, Pressure, Temperature and Level transmitter) for Gas, Fuel, Water and steam systems.
- Installation for cable Raceways.
- Panel's installation (Switchgear 6.3KV, Load Center 6.3KV, MCC & Protection Relay Panels).
- MV, LV, I&C & control Cables Termination.
- Earthing for cable ladder, conduit, Panels and all equipment.
- Calculate quantity for the Cable Raceways', cables & Termination Accessories.
- UPS system installation.
- Following the test of first operating system (Handover).

Dates : From Oct. 2012 till Jan. 2013
Employer : ELECTRO THARWAT Company
Project : Banha Combined Power Plant 750MW
Job title : E&I Site Engineer
Job Description :

- Complete installation for measurement instruments (Flow, Pressure, Temperature and Level transmitter) for Gas, Fuel, Water and steam systems.
- Following up the calibration process of Instruments.
- Earthing of all equipment and devices.
- MV, LV, I&C & control Cables Termination.
- Attending meetings, writing reports and giving presentations to Managers.
- Following the test of first operating system (Handover).

Dates : From Jun. 2012 till Oct. 2012
Employer : MEGA Company
Project : El-Sokhna Steam Power Plant 750MW
Job title : E&I Site Engineer
Job Description :

- Complete installation for measurement instruments (Flow, Pressure, Temperature and Level transmitter) for Gas, Fuel, Water and steam systems.
- Following up the calibration process of Instruments.
- Raceways installation.
- Attending meetings, writing reports and giving presentations to Managers.

Field of experience :

- Construction.
- Power Plants.
- Substation.
- Infrastructures.
- Project Management.

- Operation.
- Safety.
- Design.