

Holds a B. Sc. in Electrical Power & Machines Engineering and has over 8 years hands-on experience working in design, technical office, maintenance and operation.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 17/06/1990
Gender : Male
Marital Status : Married
Residence : Suez

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Benha University, 2012

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: MS Project
: PLC S7
: DCS SPPA T3000
: CAD
: Dialux
: ETAP
: Digsis 4.9

TRAINING COURSES AND CERTIFICATIONS

: Maintenance management course (RCM) (online) (Dec. 2019) (2 weeks).
: Training at East Delta Electricity Production Co. (Aug. 2011).
: Training at The Egyptian Co. for management and operation METRO (Jul. 2011).
: Operation of power station process, Belayim Petroleum Co. (Aug. 2010).
: Low voltage electrical distribution course (EUC) (Apr. 2012).
: Basic PLC S7-300/400 (ITC).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Dec. 2018 till now
Employer : East Delta Electricity Production Co.
Project : Attaka Gas Turbine Power Plant
Job title : Electrical Maintenance Engineer
Job Description :

- Execute scheduled preventive maintenance and routine tests to ensure the reliability of equipment.
- Analyzing and troubleshooting faults as per O&M manuals instructions.
- Make and identify strategic spare parts list and equipment with suppliers to ensure the availability.
- Prepare a clear maintenance reports identifying RCA of the failure.
- Prepare long term maintenance plan with required resources.
- Implement to safety rules and procedures while performing CM & PM.
- Coordinate with other maintenance departments while performing major maintenance to reduce down time of equipment.

Dates : From Feb. 2017 till Nov. 2018
Employer : East Delta Electricity Production Co.
Project : Attaka Gas Turbine Power Plant
Job title : Operation Engineer
Job Description :

- Observing the process of the plant that have to be carried out as per O/M manual recommendations and groups of control setting.
- Prepare equipment failure report supported by trends.
- Analyzing the reasons and level of faults, and support maintenance team in troubleshooting.
- Perform safe isolation of maintained equipment and transferring other emergency loads to another electrical supply.
- Perform periodic checks and inspections on the process.
- Issuing maintenance work permit describing faults.

Dates : From Jun. 2016 till Jan. 2017
Employer : ASEC Automation
Project : Beni Suef Power Plant
Job title : Electrical Technical Office Engineer
Job Description :

- Studying E/I documents (Assembling, installation, SLD, P&I D, drawings termination and connection documents etc...) and release it erection team.
- Supporting construction team at technical issues as per project specs and manufacture recommendations.
- Reporting site obstacles to management.
- Requesting materials to site team as per installation typical details drawing.
- Tracking project progress and reporting it.

Dates : From May 2014 till May 2016
Employer : Baud Telecom Company (Saudi Ben-Laden Group), KSA

Project : Haram Expansion (Shamiya) Project, KSA
Job title : Technical Office Engineer
Job Description :

- Making Shop-drawing for integrated security systems (CCTV, IP Intercom security, people counting sensors & Public Information Display screens) coordinated with reflected ceiling plan, power outlet design plan, lighting design plan and Arch. Elevations After reviewing security Sys. Design.
- Making site support tasks (BOQ, coordination with other services at site, etc.).
- Making As-build drawings for first, second and third fix for security systems.
- Prepare progress reports for site and technical office works.
- Reviewing all power design and documents if it covers all integrated security system requirements.

Dates : From Apr. 2013 till Apr. 2014
Employer : Crown Home Consultants
Project : King Abdul-Aziz International Airport Development Project
Job title : Electrical Design & Shop Drawing Engineer
Job Description :

- Reviewing electrical design and studding architecture, structure and interior design drawings.
- Preparing RFI's on incoming design.
- Making electrical shop drawings which coordinated with mechanical, structural and architecture through composed plans and composed sections.
- Preparing helpful notes in shop drawing frame plans to support site engineer.
- Checking calculation (Short circuit, load flow & preparing panel schedules) by ETAP Software.

Skills acquired from Graduation Project:

Steps electrical design as (load calculation, cable selection, SLD design, main & sub main distribution panel design, PF correction, Emergency Supply system, transformer selection ...etc.) depending on NEC, IEC, Egyptian and British standards.

Field of experience :

- Electrical Maintenance and Operation Engineer at Ataka Gas Turbine Power Plant with 4+ years experience.
- Electrical Design and Technical Office Engineer with 4 years exp. in mega projects (2 years at KSA).