

Holds a B. Sc. in Electrical Power & Machines Engineering and has over 7 years hands-on experience working in construction, maintenance and commissioning.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 29/11/1991
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

- : B. Sc. in Electrical Power & Machines Engineering, Alexandria University, 2014
- : Studying for M. Sc. in Electrical Power & Machines Engineering, Alexandria University (from 2015 till now)

LANGUAGES

Arabic : Native Language
English : Excellent

COMPUTER SKILLS

- : Windows, MS Office (Word, Excel, Power Point), Internet
- : Simulation software: Proteus, Multisim, MATLAB Simulink
- : Lighting design software: DiaLux, CalcuLux
- : PLC software: PLC Simatic manager, UnityPro
- : Flowcode, CodeVision, Etap
- : Power distribution using Ecodial

TRAINING COURSES AND CERTIFICATIONS

- : Integrated Management System (ISO 9001:2015, ISO 14001:2015, OHSAS 18001:2007).
- : Internal Audit.
- : Several C Programming, Matlab, Embedded C and Embedded Systems ONLINE Courses.
- : Industrial Automaton courses (certified from Schneider Electric):
 - Classic Control.
 - PLC (programmable logic controller).
 - SCADA (Supervisory control and data acquisition).

- DCS (distributed control system).
- Drives.
- : Industrial Safety Courses: OSHA (Occupational Safety and Health Administration).
- : Trainings at:
 - Sidi Krir Petrochemical Company (Sidipecc).
 - Alexandria Petroleum Maintenance Company (Petromaint).
 - Engineering and Transport Company (2 trainings).
 - Alexandria Electricity Distribution Company.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Apr. 2020 till now
- Employer** : Dahab Sinai for Industrial and Building Material, Suez
- Job title** : Electrical Section Head
- Job Description** :
- Working in Installation and Commissioning Project for Gypsum Company as Owner Representative.
 - Assure from applying all safety procedures before Daily Work.
 - Assure that Consultant Design adapt with Requirements and Budget.
 - Make Procurement Plan for all the Project including (MV Switch Gear, Transformers, Cables, Cables Tray, Generator, LV Panels, all Electrical Accessories) according to Consultant Specification and Vendor List.
 - Attend Fat Test for MV Switch Gear, Transformers and Generator.
 - Coordinate with Electrical Contractor and Consultant and Main Contractor for achieving the plan.
 - Supervise the Installation and Commissioning for Medium Switch Gear (ABB), Two Dry Type Transformer, Bus way, Cable trays and Cables.
 - Supervise the Installation and Termination of all Sensors and Motors of the Line.
 - Supervise the Installation and Commissioning and Programming of V.F.D.
 - After Start-up:
 - Leading maintenance team of Engineers and technicians included night shifts.
 - Ensure Team Safety During Daily Tasks.
 - Assure From Applying LOTO System.
 - Schedule and undertake periodic maintenance on all electrical equipment, components, and installations.
 - Develop and Implement maintenance plans, procedures in line with corporate production strategy in order to ensure effective maintenance and engineering support of the production.
 - Identify, Understand and control, as far as possible, factors affecting deviation from planned maintenance operations in order to support the achievement of effective optimal cost proactive maintenance with minimal production downtime.
 - Co-ordinate and Communicate effectively with other departments on maintenance activities, attending and reporting regularly to management meeting in order to ensure that Electrical Maintenance provision meets the ongoing needs of the production process.
 - Organize and execute periodic training for the employees even

internal or external.

Dates : From Oct. 2018 till Apr. 2020
Employer : Asec Automation Company
Project : Birla Carbon Egypt Company (Petrochemical Site)
Job title : Senior Electrical Engineer
Job Description :

- Work with Sap System.
- Controlling Predictive and Preventative Maintenance Plans.
- Organize Spare Parts requirements control and the order placing for min. stock.
- Ensure Team Safety during Daily Tasks.
- Assure from Applying LOTO System.
- Organize Proper Training on Jobs Tasks according to Electrical Standards.
- Thermography for power feeders in MCC & PMCC.
- Working with soft starters 6.3KV.
- Working with SF6 circuit breaker & Vacuum Circuit Breaker & Air circuit Breaker & protection relays.
- Working with 6.6KV and 11KV switchgears (Siemens).
- Start-up and configuration of varies types of drives (ABB (ACS 800 & ACS880) – Lenze – LS - Siemens).
- Working with turbo generators till 11MW.
- Working with L.V panel and motor control center.
- Responsible for 5s in the workshop.
- Working with KPI'S.

Dates : From Feb. 2018 till Oct. 2018
Employer : Easy Group for Health and Beauty Care, Alexandria
Job title : Electrical Maintenance Engineer
Job Description :

- Responsible for electrical maintenance for two factories in the group.
- Work with Oracle System.
- Schedule and undertake periodic maintenance on all electrical equipment, components, and installations.
- Provide prompt response to inquiries whenever there is a breakdown, and resolve the issue as quickly as possible.
- PLC troubleshooting Siemens S7 300, S7 400, S7 1200.
- Installation of fresh electrical components and fittings.
- Recommend replacement for old or faulty electrical components or fittings to the management.
- Assist in forecasting requirements, creating a budget and scheduling expenses for the electrical department.
- Keep record of all stock and supplies, including company's electrical equipment.
- Perform energy audit and recommend alternative sources of energy.
- Help the organization to reduce energy costs.
- Ensure that all electrical gadgets and instruments are switched off after close of work daily.
- Fix and maintain lighting fixtures and fittings.
- Troubleshoot machine breakdowns and provide preventive maintenance

services.

- Purchase electrical fittings and components or supervise the staff charged with the responsibility.
- Provide 24 hours a day maintenance services or assign technical staff to do so.
- Supervise electrical works when new projects are undertaken.

Dates	:	From Oct. 2014 till Feb. 2018
Employer	:	Alexandria Steel Forming Company (AlexPanel)
Job title	:	Installation & Commissioning Electrical Engineer
Job Description	:	<ul style="list-style-type: none">• Share in installation and commissioning process of the company.• Execution of MV, LV system Installation, testing and commissioning of LV panels MDBS & SMDBS, Final DBS, UPS system, ATS, Capacitor Bank.• Installation, Testing and commissioning of electrical power, internal lighting and External lighting, lighting control and dimming control system.• Installation, testing and commissioning of cable dressing and termination and design cable's path.• Installation and design cable trays.• Installation and Commissioning and testing all the machine in the factory with foreign people.• After Production work as Shift Leader:<ul style="list-style-type: none">- Responsible for the production Line and Electrical Maintenance for the production Line.- Commitment to occupational health & safety conditions (standards and tools).- Working with many types of instrumentation and sensors (T.C, RTD, vibration sensor, pressure switch, pressure transmitter, flow switch, speed sensor, proximity switches, valves, ...).- Improve manufacturing efficiency by analyzing work flow, space requirements.- Implement the production schedule.- Determine the human resources required.- Maintain professional and technical knowledge by attending educational workshops; reviewing Professional publications.- Implement cost control programs.