

Holds a B. Sc. in Electrical Power & Machines Engineering and has over 10 years hands-on experience working in construction, commissioning, start-up, maintenance and technical office.

PERSONAL DATA

Nationality : Egyptian
Gender : Male
Residence : Currently Abu Dhabi, UAE

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, 2010

LANGUAGES

Arabic : Native Language
English : Excellent

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: Peak with program of generator protection (M3425)
: Lighting tools (Dialux) & using Philips lighting catalogue
: Adobe Full featured
: Programmable Logic Control "PLC" (Siemens)
: Some other helping engineering design & calculation electrical programs

TRAINING COURSES AND CERTIFICATIONS

: Performing Authority (PA) with BP (2019).
: Isolating Authority (IA) with BP (2019).
: CMP Glanding Certificate (2019).
: EX Certificate level 1 with BP (2019).
: OGS: SAP program with Petrobel (2018).
: MAERSK: H2S Advanced training Certificate (2017).
: AASTMT: Basic OPITO H2S Training Course (2017).
: OGS: Permit to Works training with Eni (2017).
: OGS: Risk during commissioning with Eni (2017).
: OGS: Risk Assessment with Eni (2017).
: OGS: LOTO with Eni (2017).

- : AASTMT: Proficiency of Security Awareness Training for Seafarers with Designated Security (2016).
- : AASTMT: Fire Prevention and Fire Fighting (2016).
- : AASTMT: Personal safety and Social Responsibilities (2016).
- : AASTMT: Medical Emergency Training (Elementary First Aid) (2016).
- : AASTMT: Proficiency in Personal Survival Techniques (2016).
- : Practical training on the components of Siemens distributions for Medium voltage (Simoprime) and for low voltage (SIVACON) at EMAS Company (2014).
- : Practical training at PSP Company for DC/UPS operation and maintenance (2013).
- : On-shore training maintenance training course for Abu Qir New Power Station under direction of MITSUBISI Heavy Industries Ltd (2011-2013).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Nov. 2020 till now
- Employer** : DECO (Dubai Engineering Company)
- Project** : EGA (Emirate Global Aluminum) Project
- Job title** : Lead Project Engineer
- Job Description** :
- Have good knowledge of equipment sizing (Transformer, Generator, Solar system, etc.), Illumination level calculation, earthing calculation, lightning protection assessment, cable sizing and battery sizing.
 - HV Cable Design (Proposal of Cable route drawing, Route Profile, Service crossing & HDD drawings, Bonding system, S/S Basement layouts & Engineering documents approvals).
 - Site surveying, calculating resource requirements, preparing Bill of Materials and Project Budget.
 - Monitoring & controlling the site activities, materials and resources utilization.
 - Attending client meetings and managing correspondence, recording project events and responses.
 - Preparing Operation & Maintenance manuals, method statements for installation, testing & commissioning.
 - Projects close-outs (As-built, material reconciliation, lesson learned, TOC & Delay Analysis).

- Dates** : From May 2020 till Oct. 2020
- Employer** : Technip FMC
- Project** : MIDOR Oil Refinery Extension
- Job title** : Technical Office Electrical Engineer
- Job Description** :
- Review and approve the technical drawing, submit the TIE-IN to client.
 - Prepare isolating package LOTO for (Revamped, Dismantled, Abended, Relocated) equipment's.
 - Following and data collection of 6.6KV switchgears, 0.4KV load centers with TR 0.4KV MCC's.
 - Following the design of MV & LV cables, Earthing, Cathodic protection and lighting systems.

- Following submittals from consultant, contractors and give technical notes on it.
- Following the site construction power (TR, cables & L.V panels) to prevent clash with other discipline.

Dates : From Oct. 2018 till Feb. 2020
Employer : Carlo Gavazzi Egypt Co.
Project : BP for Gas Production Product Facility WND Project
Job title : Electrical Commissioning Engineer
Job Description :

- Commissioning of Gas turbine generators, GTG 4x6MW Siemens and 2x5MW Solar Turbine Emergency Diesel Generators EDG and Power transformers.
- Testing and Commissioning of switchboards (Protection systems, Function tests, primary & secondary injections, Contact resistance, insulation resistance, HIPOT, Motor solo run).
- Testing and commissioning for 6.6/0.69KV Power Transformer (Turns ratio, saturation, burden....).
- Relay testing and Protection relay setting checks (alarm and trip settings), recorded settings form essential part of the commissioning documentation provided by the client.
- Update the drawing to be matched with Making final revision for the drawing red marked up.
- Testing and Commissioning for UPS and Battery Charger (Function Check & Component Test).
- Commissioning for Cathodic Protection system (underground piping and Storage tanks).
- Commissioning for Trace Heating panels and outgoing circuits (critical and non-critical types).

Dates : From Oct. 2017 till Oct. 2018
Employer : SCHLUMBERGER Co. (SLB)
Project : ZOHR Gas Production Early Product Facility for gas production (EPF)
Job title : Senior Electrical Engineer
Job Description :

- Installation, Testing, Commissioning and Start for electrical equipment's such as (Switchgear, Transformers, UPS, Heaters, HVAC, Cables, JB, Distribution boards, Lighting and Earthing system).
- Operate and make maintenance for new Early Product Facility for gas production (EPF), different units such as (Sour gas, Amine, water Treatment and Regeneration, Utilities, Sulfur Recover and Hot oil) systems.
- Testing and commissioning for LV motor (400V) and MV motor (6.6KV).
- Testing Relays and Transformers, UPS and Battery Charger (Function & Component Test).
- Prepare Preservation and Refurbishment Plan for this Equipment.

Dates : From Aug. 2016 till Oct. 2017
Employer : Egyptian Maintenance Co. (EMC)
Project : BECTHEL and BP West Nile Delta (WND) Project

- Job title** : Electrical Commissioning Engineer
- Job Description** :
- Visual Inspection & Testing Low voltage motor (400V Fan Motors and 400V Pumps).
 - Visual Inspection & Testing 33/4KV Power Transformer (Mechanical protection).
 - Visual Inspection & Testing Low Voltage BUS DUCT (Insulation resistance Test).
 - Visual Inspection & Electrical Testing for LV Switch gear (Bus Bar, CB and Protection Device Testing).
 - Visual Inspection and Electrical Testing for UPS and Battery Charger (Function Check and Component Test).
 - Visual Inspection and Electrical Testing for Gas Heater Low Pressure and High pressure heater (Insulation Resistance, Winding resistance and Functional Test).
 - Prepare Reporting for Transformer testing, LV SWGR, LV Bus Duct, LV Motors, Heaters, Cables, Earthing and PAGA system.
- Dates** : From Oct. 2011 till Aug. 2016
- Employer** : Egyptian Electric Holding Company (EEHC) / WDEPC
- Project** : Abu Qir New Power Plant (2x650MW)
- Job title** : Commissioning & Maintenance Engineer
- Job Description** :
- MV & LV SYSTEM.
 - Installation & Maintenance of the following. install, test & commission LV and MV breakers, switchgear, protection relays, cables.
 - Testing for Interlocking for C.B & disconnecter switches and earthing switches.
 - Familiar with the use of test equipment's (MEGGER, Omicron, CPC 100, Oden, Hi-pot tester and Sverker780).
 - Able to provide technical direction and supervision to a team of technicians and craft labor for the installation, commissioning and maintenance activities for all variations of protection relay systems.
 - Install, test & commissioning LV, MV and HV, switchgear, protection relays, cables, motors, GIS and other HV equipment's.
 - Responsible for all periodic tests such as (CT, VT and PT) transducers.
 - Commissioning Engineer in Abu Qir Power Plant: Test All Generator Protection Relays (Multi-Function Relay) and All Transformer Protection Relays (Separate Relays) with FREJA 300 testing equipment and "Multi Power Source" injection device.
 - Technical Office / QC Engineer:
 - Following and data collection of 6.6KV switchgears, 0.4KV load centers with TR 0.4KV MCCs.
 - Following the design of MV & LV cables and lighting systems.
 - Analyzing technical and financial contractors tenders.
 - Following submittals from consultant, contractors and give technical notes on it.
 - Following the design of protection for service, aux and main transformers.
 - Design the site construction power (transformers, cables & L.V panels).

- Dates** : From Sep. 2010 till Sep. 2011
- Employer** : El-Wadei Holding Company
- Job title** : Junior Electrical Maintenance Engineer
- Job Description** :
 - Installation, testing and Maintenance all of the following: DC Motor & Induction.
 - Familiar with testing and Maintenance for Diesel Generator.
 - Protection devices (CBC 100 & ABB & Siemens).
 - Water treatment plant auxiliaries with Maintenances and Testing Motorized & solenoid valve.
- Field of experience** :
 - Electrical Engineer with over 10 years of experience in construction, commissioning, start-up, maintenance.
 - Can execute all electrical tasks to complementation with zero error.
 - Able to handle multiple projects simultaneously with high professionalism and accuracy with following all safety standard.
 - Adept at short- and long-term electrical system troubleshooting.
 - Gain my experience and learned lessons in EPC, MPC and Oil & Gas market during representing organizations like mentioned above which include but not limited Technip FMC, BP, Schlumberger, Bechtel.
 - Skills:
 - Deal with mega Oil & Gas or Petrochemical projects, Managing team of Specialists, Engineers and Tech.
 - Proven background in Concept and FEED studies.
 - Strong project-based delivery experience; strategic thinking; oral and written communication skills demonstrable experience in the oil and gas industry.
 - Broad understanding of the business drivers for oil and gas clients.