

Holds a B. Sc. in Electrical Power Engineering and has about 14 years hands-on experience working in construction and commissioning.

PERSONAL DATA

Nationality : Egyptian
Gender : Male

EDUCATION

: B. Sc. in Electrical Power Engineering, Menoufia University, 2007

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: AutoCAD
: SAP system software
: UNICCS System

TRAINING COURSES AND CERTIFICATIONS

: PMP (Project Management Professional), Project Management Institute (Oct. 2020).
: Electrical transformer (EETC) (Jun. 2009).
: Medium voltage distribution panels (EETC) (Jun. 2009).
: Concepts of quality management system, ISO 9001: 2008 (Apr. 2011).
: Internal Audit of Quality Management System, ISO 9001: 2008 (Oct. 2011).
: LOTO training (Lock out tag out training) (Shell & ERC) (Apr. 2014 & Dec. 2016).
: PTW training (Shell & ERC) (Apr. 2014 & Dec. 2016).
: OSHA General Industry Safety and Health (29 CFR 1910) (Apr. 2009).
: OSHA Constriction industry Safety and Health (29 CFR 1926) (May 2009).
: Work at Height, Use and Assembly of the Descensor for Wind Turbine Evacuation (Mar. 2012).
: Confined Space.
: Risk Assessment.

- : Fire fighting.
- : H2S effects & Scape Hoods.
- : Incident & Injury Free (IIF).
- : Defensive driving license.
- : Incident reporter and investigator (IRS).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From 2019 till now
- Employer** : Assiut Oil Refining Co.
- Project** : ASORC Naphtha Complex Project
- Job title** : Lead PMC Electrical Engineer
- Job Description** :
- Review and approve site inspection & Test plan ITP's issued by EPC contractor and witnesses all electrical construction, SAT, pre-comm & comm activities and insure that the work done properly and according to project specification and approved drawing.
 - Follow up and witness all electrical installation, testing and commissioning electrical distribution System 11KV, this includes associated transformers, Switchgears, and cabling as well as MCC's (Motor control center) and motors up to 11KV this includes VSD, electrical system in classified areas, Industrial lighting system, AC/DC UPS (uninterrupted power supply), Stand-by power supply including Emergency Generator & automatic change over facilities, Cathodic protection system including U/G piping & Tanks, Heat trace system including self-regulating & Skin effect types, Earthing systems including NIS, IS, PE and lightening system, Cabling including laying termination testing up to 11KV.
 - Monitor and administer EPC contractor quality performance through to achieving the provisional acceptance.
 - Review and approve the Non-Conformity Reports, analyses the root cause, corrective action and preventive action.
 - Ensure the monitors the preparation of the Mechanical completion dossiers and ready for Start- up dossiers, confirm approval of all signed off inspection forms for system and Plant readiness before handing over from construction up to Provisional Acceptance.
 - Ensure the awareness and implementation of the Quality Control Plans, programs and Quality Assurance procedures for the construction site activities within the framework of the Project Quality Management systems.
 - Preparing the Daily, Weekly, Monthly and any updated reports relevant to Construction, pre- commissioning & commissioning activities required from electrical discipline and Submitting to management.
- Dates** : From 2015 till 2019
- Project** : EGYPTIAN REFINING COMPANY (ERC) – MOSTOROD (HCU, DHT, NHT/CCR, DCU, HPU, VDU, SRU, SWS, ARU, Tankage farm)
- Job title** : Lead Electrical Engineer
- Job Description** :
- Worked as a IPMT and reported to Worley Parsons Project Manager.
 - Supervised and witnessed all electrical installation, testing and

commissioning of Electrical Distribution System 6.6KV, 11KV, 22KV & 33KV, this includes associated transformers, Switchgears, RMU's, NER's and cabling as well as MCC's (Motor control center) and motors up to 11KV this includes VSD up to 6.6KV, electrical system in classified areas, Industrial lighting system, AC/DC UPS (uninterrupted power supply), Stand-by power supply including Emergency Generator & automatic change over facilities, Cathodic protection system including U/G piping & Tanks, Heat trace system including self-regulating & Skin effect types, power factor correction Systems including capacitor bank up to 33KV, Earthing systems including NIS, IS, PE and lightening system, Cabling including laying termination testing up to 66KV.

- Fully conversant with electrical installations in classified areas such as National Electric Code (NEC), American Petroleum Institute (API), International Electro-technical Commission (IEC), IEEE Codes, and Hazardous Area classification Sound. Working knowledge of the National Electric Code (NEC).
- Supervise Field work and provide solution for major and minor electrical problems, along with the Contractor Engineers the construction phase of Projects between Project Turn-Over (PTO) and completion of Field work as well as commissioning as per Company procedures, project plans, specifications, codes and contract documents.
- Preparing the Daily, Weekly, Monthly and any updated reports relevant to Construction, pre-commissioning & commissioning activities required from electrical discipline and Submitting to management.
- Conduct visual inspection and SAT walkthrough prior to the SAT activities. And follow up with contractor to clear SAT walkthrough punch list.
- Review and approve project Method Statement (MS), Inspection test plan (ITP) checklists, Materials Approval Sheets (MAS), Site Acceptance Test (SAT) procedure, Inspection Test Reports (ITR), Field Change Notice (FCN), Concession request (CR), Marked up drawing and any documentation relevant to electrical discipline.
- Fully conversant with electrical installation, testing and commissioning of Gas Insulated Switchgear (GIS) 66KV, this includes associated transformers, Switchgears, local control panels, protection panels, NER's and cabling.
- Conduct Mechanical completion & validated Walkthrough for project Systems/Subsystems. And follow up with contractor to clear MC punch list.
- Review project Electrical subsystems boundaries and limits to ensure the limits are correct from the function wise.
- Conduct PSSR (Pre-Startup safety review) Walkthrough with validation team to ensure the readiness of Substation /Process units to be started up.
- Review and approve the energizing procedures.
- Carry out successfully energizing for Electrical substations from 6.6KV up to GIS 66KV.

Dates : From 2012 till 2015
Project : Assil and Karam CO2 removal Gas development Plant in BED-3 Field, Western Desert

- Job title** : Senior Electrical Engineer
- Job Description** :
- Supervision Electrical construction activities to assure compliance with engineering design supplied drawing, specification and standards.
 - Execute all power and control cable trenches, LV and MV termination, and MV splice kits, all electrical tests activities (Megger, hi-pot and continuity).
 - Review technical drawings then give comments to design to take action.
 - Comment to the contractor to take actions.
 - Study and raise any design change notification required during mechanical completion and pre-commissioning.
 - Perform with contractor all the required checks and tests relevant to the approved check lists and check sheets and give a decision related to the tests results.
 - Produce punch list for electrical systems and subsystems to ensure compatibility of these systems to our standards and regulations.
 - Supervise installation of 1.2MVA emergency diesel generator, mechanical completion, testing, pre-commissioning, commissioning and start-up.
- Dates** : From 2007 till 2012
- Employer** : Petrotec
- Project** : ZAFRANA WIND FARM (Spanish, Germany, Jibic and Danida projects), Red Sea
- Job title** : Electrical Site Engineer
- Job Description** :
- Installation, testing, commissioning, Power cable for (336 wind turbine generator) Wind projects at ZAFRANA WIND FARM.
 - Maintenance and Operation for medium voltage 22KV network for Spanish, Germany and Jibic projects contains (336 Transformer Almaco 22/0.4KV, 1050 KVA, 336 RMU Schneider electric and 400 km medium voltage cables).
 - Execute Modification related to Transformer Temperature Monitoring for 336 Transformer (Spanish, Germany and Jibic projects).
 - Make complete testing (oil dielectric, turns ratio and megger) testing and rating 1000 KVA, 500KVA at EGYPTIAN ATOMIC ENERGY AUTHORITY.
- Field of experience** :
- 14 years of experience in Oil & Gas (Gas plants, Refinery) and Power generation Projects. Work experience with both of EPC and PMC/IPMT in both of Brown Filed and Green Field projects.
 - Vast experience in checking, supervising, construction, pre-commissioning and commissioning activities and ensure it is carried out according to applicable standards, project procedures, and Supplier's recommendations. Participate with operation, maintenance, and Supplier's representatives in SAT and commissioning activities of plant.
 - Experience with operation and troubleshooting of Electrical equipment and planning of spare parts.
 - Can Generate/Manage/Review all engineering deliverables, P&IDs, Specifications, Datasheet, MRP, Award recommendation, Layout review, Vendor prints, ITP, proceed testing, validate test results, review Contractor's Claims, scope change, and proceeding Construction

supervision as well as Commissioning and start-up.

- A thorough knowledge with applicable International Standards such as IEC, IEEE and ANSI...etc.