

Holds a B. Sc. in Electrical Power Engineering and has over 26 years' experience in construction & QC, testing & commissioning and operation of Power Plants, power distribution systems, transformers & switchgear equipment, including 15 years in electrical commissioning & start-up, QC & Warranty activities and 11 years in the field of projects execution (construction & QC).

PERSONAL DATA

Nationality : Egyptian
Birth Date : Mar. 1972
Gender : Male
Marital Status : Married

EDUCATION

: B. Sc. in Electrical Power Engineering, Helwan University, 1996

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: MS Project

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Aug. 2016 till 2022
Employer : [EGYPTROL](#), GE Energy Subcontractor
Project : West Damietta CC Add On 250MW
Job title : Site QA/QC Manager – Warranty & Site Manager (from 2019 till 2022)
Job Description :

- Review client QC requirements and ensure that quality control documentation for a project meets contractual requirements till handed over to the client.
- Review and approve sub-contractor quality control documentation to ensure their planned activities meet code / standard and contractual requirements.
- Control and direct all QC resources to adhere to project programs.
- Manage and control all quality control activities in accordance with identified quality standards, company procedures, client specifications and contract requirements.
- Review and participate in ITP's preparation to ensure their covered all activities and meet with the vendor and contractual requirements.

- Review drawings, specification, code/standards, vendor requirement and project agreement on work to be inspected.
- Participate in Client site meeting and follow up from progress weekly meeting, CCC & TOAC signature.
- Review the categories of the Punch List and follow up to clear and closed till TOAC sign.
- Handed Over all TOP's, Commissioning Book & special tools to the client.
- Overseeing the warranty process, providing oversight to warranty Specialists and handling warranty claims. Responsible for warranty activities related to the scope of warranty in the contract.
- Overseeing the updating of project close out reports, track the status of closing activities and required documents, and close out the project until the Final Acceptance Certificate "FAC" has been signed.

Dates : From May 2015 till Aug. 2016
Employer : [EGYPTROL](#), GE Energy Subcontractor
Project : Assiut Simple Cycle Power Plant (8x125MW)
Job title : Senior Elec. Commissioning Engineer
Job Description :

- Pre-Commissioning & commissioning for Unit Aux., Main Step up Tr., GCB & IPB.
- Prepare all equipment dossiers and required test packages related QC document and records.
- Supervise the activities of the quality service providers and inspectors to ensure diligent performance.

Dates : From Jan. 2015 till Apr. 2015
Employer : [EGYPTROL](#)
Project : Sharm El-Sheikh Power Plant (6x48MW) GE LM6000
Job title : Projects Coordinator
Job Description :

- Coordinate all electro-mechanical construction activities for power block.
- Manage effectively a team to achieve project-specified inspection and testing requirements on-site.
- Follow construction progress and participates in solving construction and installation problems.

Dates : From Jun. 2013 till Oct. 2014
Employer : [EGYPTROL](#), SAMSUNG C&T Subcontractor
Project : Qurayyah Independent Power Project (6x750MW) – Combined Cycle, KSA
Job title : Senior Electrical Commissioning Engineer
Job Description :

- Commissioning, Start-up & Operation of:
 - High Speed Bus Bar Transfer System (HSBTs) Type SIEMENS AUE3 V5.2.
 - DC & AC UPS systems including battery Charge/Discharge test (Elettronica Industriale SPA Italy CEG).
 - DC & AC Distribution Board and Power Panels (SIEMENS).
 - ISO phase Bus duct (IPB) ALSTOM.
 - LV SWGR (SIEMENS).

- Participate in commissioning of FMS, MV SWGR (SIEMENS) and GCB (ALSTOM).
- Follow up all electrical activities and make sure that site activities are in line with project schedule.
- Preparation of test related QC document and records.
- Preparation of system handing over package per system/equipment.
- Prepare all equipment dossiers and required test packages.

Dates : From May 2012 till May 2013
Employer : [EGYPTROL](#)
Project : Ain Sokhna PP 2x650MW CP-105 (Doosan - Yung Jin)
Job Description :

- Coordinator Electrical and I&C erection activities for CP-105.
- Manage effectively a team of Electrical and I&C team to achieve project-specified inspection and testing requirements on-site.
- Supervise and perform the development and execution of Inspection and Test Plans (ITPs) for all permanent works.
- Prepare all equipment dossiers and required test packages.
- Supervise the activities of the quality service providers and inspectors to ensure diligent performance.
- Supervise installation, test and commissioning of Electrical and I&C systems.
- Responsible for the implementation of quality control procedures and plans for providing the more efficient onsite construction work.
- Prepare monthly QC/QA reports.
- Issue RFC for design verification.
- Follow up modifications and corrective actions.

Dates : From Jun. 2011 till Apr. 2012
Employer : [EGYPTROL](#)
Job title : Senior Electrical Commissioning Engineer
Job Description : Participate in the design drawing and specification preparation of electrical system and site testing and commissioning for different jobs.

Dates : From Apr. 2011 till May 2011
Employer : [EGYPTROL](#)
Project : Mobile Substation 220/66/11KV SIEMENS
Job title : Senior Electrical Commissioning Engineer
Job Description :

- Participate in commissioning of Mobile Substation 220/66/11KV SIEMENS:
 - Transformers tests such as:
 - DC winding resistance.
 - Tan δ .
 - Turns ratio.
 - Megger test.
 - Voltage ratio and check of vector group.
- Pre-commissioning and commissioning of:
 - DC/UPS systems including battery filling and charge/discharge

test.

- Earthing system checks & tests.
- Verification of the control circuits.
- LV & Control cables test.

Dates : From Nov. 2010 till Mar. 2011
Employer : [EGYPTROL](#), NEM Subcontractor
Project : El-Atf Combined Cycle Power Plant 750MW
Job title : Senior Electrical Commissioning Engineer
Job Description : Participate in commissioning of all electrical work in CP-105.

Dates : From Apr. 2009 till Jul. 2010
Employer : [EGYPTROL](#), TOSHIBA/TOYOTA Subcontractor
Project : El-Atf Combined Cycle Power Plant 750MW
Job title : Electrical Commissioning Engineer
Job Description :

- Pre-commissioning & commissioning of all types of LV motors for all sump pumps and its accessories such as local control panel and level control switches.
- Pre-commissioning & commissioning of Cathodic protection system (impressed current system) for circulating water piping around CW pump house, circulating water piping around condenser, and bar screen with other miscellaneous facilities.
- Pre-commissioning & commissioning and start-up of all type of motors like HP/IP feed water pumps (6.3KV), circulating water pumps (6.3KV), condensate pumps (6.3KV) and LP feed water pumps (400V), etc.
- Participate in testing, commissioning and energize STG main transformer 340 MVA 220V/15.75KV.
- Commissioning and adjusting protection settings of all MCCB and MLP (S.C and MLP, including thermal O.L., G.F., U.V./O.V., UBC etc.) for 0.4KV low voltage distribution (motor control centre) by SCHNEIDER.
- Participate in testing, commissioning of ISO phase Bus duct between generator and excitation transformer, STG main transformer.
- Follow up all electrical activities and make sure that site activities are in line with project schedule.
- Pre-commissioning & commissioning of DC/UPS systems and Battery including battery filling and charge/discharge test.
- Manage effectively a team of Electrical and I&C team to achieve project-specified inspection and testing requirements on-site.
- Supervise and perform the development and execution of Inspection and Test Plans (ITPs) for all permanent works.
- Prepare all equipment dossiers and required test packages.
- Supervise the activities of the quality service providers and inspectors to ensure diligent performance.
- Supervise installation, test and commissioning of Electrical and I&C systems.
- Responsible for the implementation of quality control procedures and plans for providing the more efficient onsite construction work.

Dates : From Dec. 2005 till Dec. 2008
Employer : Leham Co. for Trading, Industry & Contracting, Malaz, Riyadh – KSA
Job title : Head of Electrical Department
Job Description : Responsible for all electricity company projects with Saudi Electricity Company (SCECO) such as:

- UNIFIED CONTRACT: construction, maintenance, expansion, modification and reinforcement of HV & LV underground distribution networks up to 35KV.
- Install, remove and replace substations, P/U, RMU, switchgear and low voltage distribution panels.
- Cable Installation up to 35KV.
- Implementation of nutrition project to Buwaib & Salbukh substations. The project contains laying tow circuit power cable XLPE / CU / PVC 3c- 240mm². 33KV & pilot cables between substations 8508 - 7233. The project has 10 km excavation length, 20 km laying cable length, 36 power joint, 36 pilot joint, 4 indoor termination & outdoor termination.
- Subcontractor for 132KV underground cable transmission lines Circuits 8104 - 8125 Project. It has 12 km excavation length 34 km power cable XLPE / CU / PVC 1c -240 mm² & 24 km fiber-optic cable, 26 power joint, 20 fiber joint.

Dates : From Apr. 2005 till Nov. 2005
Employer : OLAF Company, Dubai – UAE
Job title : Senior Electrical Engineer
Job Description :

- Working in the same field but with DEWA (Dubai Electricity & Water Authority). Install more than 60 km power cable XLPE / AL / PVC 3-c 240 mm², 33KV, with all facilities necessary. Coordinate with DEWA engineers & different departments.
- Install 7 substations, 42 sub LVDP, outdoor lighting & laying all cable necessary of Dubai Textile City. With UNIC COMPANYY.

Dates : From Aug. 2000 till Mar. 2005
Employer : HUSAIN AL MAZYAD EST for Electrical Contracting, Riyadh – KSA
Job titles :

- Contractor Engineer (from Aug. 2000 till Sep. 2002)
- Project Manager (from Oct. 2002 till Mar. 2005)

Job Description :

- Responsible for all projects with SCECO for the period from Oct. 2002 till Mar. 2005.
- Contractor Engineer at SCECO from Aug. 2000 till Sep. 2002.
- Contractor Engineer with construction department KHURAIIS & EAST DISTRICT to receipt and implementation of the new schemes with work of abstract financial and all coordinate necessary with SCECO engineers.

Dates : From Jan. 1998 till Aug. 2000
Employer : Egyptian Electricity Authority (EEA)
Project : El-Kureimat Thermal Power Station (2x627MW)
Job title : Operation & Transformer Engineer

- Job Description** :
- 2x627MW Natural Circulation, Natural gas / HFO Fired B&W "El Paso" design boiler, GE T/G with Mark V control, Fisher HP/LP Bypass System and Westinghouse WDPF (DCS). BAMAG Water Treatment System.
 - Commissioning and start-up for the turbine in unit two 1x627MW.