

Holds a B. Sc. in Industrial Electronic & Control Engineering and has about 15 years' experience in Electrical engineering fields including Power & instrumentation for different aspects like inspection, commissioning, start-up, operation, maintenance and construction.

PERSONAL DATA

Nationality : Egyptian
Gender : Male
Residence : Cairo

EDUCATION

: B. Sc. in Industrial Electronic & Control Engineering, Menoufia University, 2008

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: ADOPE PDF
: P&ID LAYOUTS
: ISO LAYOUTS
: ELECTRICAL LAYOUTS
: SCHEMATIC DIAGRAMS

TRAINING COURSES AND CERTIFICATIONS

: PMP – PMI Certified.
: QMS Topic Training QMS Documentation Management.
: QMS Introduction – Non-conformance.
: GE Oil & Gas Lean Six Sigma Awareness.
: Grid Solutions 8D training.
: Six Sigma and Lean Foundations and Principles course.
: Six Sigma Metrics course.
: Digital RCD Tool – User training.
: Six Sigma and Organized Goals.
: Lean Six Sigma – Define.

- : Lean Six Sigma – Measure Phase.
- : GE Integrity Guide for Suppliers, Contractors and Consultants.
- : Lean Overview.
- : Grid Solutions A3 – Basic Problem-Solving Process – Self training module.
- : ACT Overview course.
- : Grid Solutions Process FMEA training course.
- : Grid-Tied Photovoltaic System Design Course, International Academy for Renewable Energy & Energy Efficiency (IAREEE) (21 hrs) (Feb. 2016).
- : NASP Safety Diploma: HAZWOPER (40 hrs) (Aug. 2010).
- : IASP Management Cert.: Work Place and Live Plant Occupational Safety and Health (40 hrs) (Aug. 2010).
- : OSHA: General Industry Safety and Health Standards (30 hrs) (Jul. 2010).
- : OSHA: Construction Industry Safety and Health Standards (30 hrs) (May 2010).

CHRONOLOGICAL EXPERIENCE RECORD

Dates	: From Nov. 2019 till now
Employer	: GE Renewable Energy
Project	: Assiut 3 x 75 MVA – 220/11/11KV Substation Project of Utilities & Offsite for ASORC NAPHTHA Complex (OSBL) for Assiut Oil Refining Company (ASORC)
Job title	: Senior Site Quality Engineer
Job Description	: <ul style="list-style-type: none"> • Review of quality control plans / ITPs and Procedures / method statements, quality policies and all pertained QA/QC documentation to be compatible with ISO 9001: 2015 standard and QMS prior to commencement of any construction work. • Perform and assist in different quality audits to assure the flowage of established processes, policies and procedures. • Periodically review different applied processes seeking continuous improvement. • Witness and monitor Vendors / Construction Sub-Contractors work activities, inspection and test in accordance with the approved Quality Plan, ITP, Quality Procedures and method statements, etc. • Assist and liaise with Project Team in electrical inspection activities during construction / installation and testing / pre-commissioning / commissioning. • Verify the implementation of PTW (permit to work) and other safety procedures. • Verify field installation, test/ pre-commissioning procedures and commissioning plans. • Ensure Vendors / Construction Sub-Contractors have relevant codes, standards, specifications and drawings. • Conduct surveillance of Vendor/Construction Sub-Contractor site activities. • Sign of Vendor / Construction Sub-Contractor inspection/test records for approval. • Oversee inspection of electrical activities conducted at Vendor or construction sites as applicable.

- Review original material / test certificate for compliances to codes and specifications.
- Ensure testing, measuring equipment is fully calibrated per specification and has current certification.
- Verify that equipment is preserved per the Vendor's recommendation and the approved preservation procedures.
- Ensure installed electrical and telecommunication equipment is certified for area classification.
- Review test packs and as built information and drawings including operation and maintenance manuals.
- At all times remain independent and protect the Client interests and fulfill work in full compliance with the Client requirements.
- Monitor PTW and other energy control procedures for compliance.
- Witness in-process inspections per ITP and Inspection Requests, FAT (Factory Acceptance Test) and SAT (Site Acceptance Test) as required. Progressively review Vendor's / Construction Sub-Contractor's quality record.
- Attend Mechanical Completion / Pre-commissioning final walk-down.
- Issue and follow up Non-conformity Report.
- When required, raise punch lists and verify punch items as soon as work is complete.
- Identify counterfeit items during inspection or surveillance and report immediately.
- Assist Quality audit upon request.
- Participate in Flawless Project Delivery Program.
- Provide resolution of on-going quality issue in consultation with discipline engineer.
- Provide feedback on Vendor / Construction Contractor's performance.

Dates	:	From Dec. 2016 till Nov. 2019
Employer	:	GS ENGINEERING & CONSTRUCTION
Project	:	Egyptian Refinery Company (ERC Project)
Job title	:	Senior E&I QA/QC Engineer / Inspector
Job Description	:	<ul style="list-style-type: none"> • Comply with Project HSE standards and lifesaving rules. Reinforce the Project HSE requirements to the colleagues / Vendors / Construction Sub-Contractors. • Witness and monitor Vendors / Construction Sub-Contractors work activities, inspection and test in accordance with the approved Quality Plan, ITP, Quality Procedures and method statements, etc. • Assist review of Construction Sub-Contractor quality control plans / ITPs and Procedures / method statements and all pertained QA/QC documentation prior to commencement of any construction work. • Assist and liaise with Project Team in electrical inspection activities during construction / installation and testing / pre-commissioning / commissioning. • Verify the implementation of PTW (permit to work) and other safety procedures. • Verify field installation, test / pre-commissioning procedures and commissioning plans. • Ensure Vendors /Construction Sub-Contractors have relevant codes,

standards, specifications and drawings.

- Conduct surveillance of Vendor / Construction Sub-Contractor site activities. Sign of Vendor / Construction Sub-Contractor inspection/test records.
- Oversee inspection of electrical activities conducted at Vendor or construction sites as applicable.
- Review original material / test certificate for compliances to codes and specifications.
- Ensure testing, measuring equipment is fully calibrated per specification and has current certification.
- Verify that equipment is preserved per the Vendor's recommendation and the approved preservation procedures.
- Ensure installed electrical and telecommunication equipment is certified for area classification.
- Review test packs and as built information and drawings including operation and maintenance manuals.
- At all times remain independent and protect the Client interests and fulfill work in full compliance with the Client requirements.
- Monitor PTW and other energy control procedures for compliance.
- Witness in-process inspections per ITP and Inspection Requests, FAT (Factory Acceptance Test) and SAT (Site Acceptance Test) as required. Progressively review Vendor's / Construction Sub-Contractor's quality record.
- Attend Mechanical Completion / Pre-commissioning final walk-down.
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- Assist Quality audit upon request.
- Participate in Flawless Project Delivery Program.
- Provide resolution of on-going quality issue in consultation with discipline engineer.
- Provide feedback on Vendor / Construction Contractor's performance.

Dates	:	From Apr. 2014 till Dec. 2016
Employer	:	Intertek International Limited, Egypt
Project	:	ETHYDCO'S (UTILITIES & OFFSITES) & COMPLEX FLARE PROJECT
Job title	:	E&I QA/QC Inspector
Job Description	:	<ul style="list-style-type: none">• Carrying out vendor & third-party inspection of different types of electrical Equipment at final stage of production at the vendor's factory in accordance with the client's requirement protocol, ITP & international standards.• Review all client documents (specifications, ITP and FAT procedure, etc.).• Issue and follow up Non-conformity Report.• When required, raise punch lists and verify punch items as soon as work is complete.

- Dates** : From Aug. 2008 till Apr. 2014
- Employer** : Global Energy Services (GES)
GES working in (commissioning, start-up, maintenance, operation and troubleshooting) at G5X – GAMESA Wind Turbines.
- Job title** : Site Service Engineer (Operation & Maintenance)
- Job Description** :
- Working in Medium voltage, switch gears, transformers and protection systems.
 - Experience in testing different electric apparatus including Cables, instrumentation, motors, transformers, electro valves etc... Can conduct measurements and troubleshooting to find the source of faults, can do installation of motors, transformers, plc. Systems, etc.
 - Good dealing with PLC (installing, instrumentation problems and Troubleshooting).
 - Deal with power converters and frequency conditioning systems and different types of motor drivers.
 - Installation and Maintenance of Generators.
 - Deal with different kinds of 3phase AC and DC motors.
 - Able to maintain and deal with hydraulic systems.
 - Awareness of SCADA System.
 - Deep understanding of control systems.

Projects:

- Assiut 3 x 75 MVA – 220/11/11KV Substation Project of Utilities & Offsite for ASORC NAPHTHA Complex (OSBL) for Assiut Oil Refining Company (ASORC).
- ERC Project, Mostorod Plant – Egypt.
- EPC for RUMAITHA/SHANAYEL FACILITIES – PHASE III.
- Petro Rabigh Rabigh Phase II Petrochemical Project, PETROCHEMICAL-2 PACKAGE (CP2).
- ADCO Project No P23001, Purchase order for supply of 33KV power cables.
- WASCO Standalone Production Facility (SPF) Project.
- ETHYDCO'S (UTILITIES & OFFSITES) & COMPLEX FLARE PROJECT.
- Wind Power Station (German 80MW, Danish 120MW, Spanish 85MW and Japanese 120MW) Suez Gulf Projects.

Equipment:

Transformers, Switchgears, Battery Charger, MCC, Motors, Inverters, Soft starter, P.V. Panels, Generator, LV, MV & HV power cables, Instrumentation cables, Fiber optic cables, Cathodic protection, panel boards, UPS, HVAC package unit, PLC, Lighting and Lightening materials, Wiring Devices, Earthing materials, Electric conduits and Cable Trays, etc.

Standards:

IEC, NEC, ANSI, NEMA, IEEE & NFPA, etc.