

Holds a B. Sc. in Electrical Power Engineering and has over 9 years in the field of Electrical and Instrumentation Quality Control with well-known construction companies at major oil & gas, petrochemical projects nationwide and overseas.

PERSONAL DATA

Nationality : Egyptian
Birth Date : Sep. 1989
Gender : Male
Marital Status : Single
Residence : Mansoura

EDUCATION

: B. Sc. in Electrical Power Engineering, Mansoura University, 2011

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : IPMA: International Project Management Association, Issued Nov. 2017, Expires Nov. 2021, credential ID UPMA.D.01.00669.
- : Construction Quality Management (CQM), U.S. Army Corps of Engineers, Mar. 2013, Expire Feb. 2018.
- : Adult Basic Life Support (CPR), Contrack International Inc (Sep. 2015).
- : Lean Six Sigma (ASQ Certified Black Belt).
- : General Industry Safety and Health & Construction Safety and Health OSHA Academy Safety and Health Training, License 66388, Starting Jun. 2017.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Oct. 2018 till now
Employer : Scatec Solar EPC
Project : BINBAN Park Project - ASWAN, EGYPT - 130MW
Job title : Electrical Lead QA/QC

- Job Description** :
- Collation of required Quality Documents as described in the Customer Contract.
 - Review of Quality Documents to ensure they are in accordance with Customer requirements.
 - Coordination of Quality Document updates with sources based in Customer feedback.
 - Creation of high-Quality ITPs (Inspection and Test Plans) per Industry standards and Customer requirements.
 - Coordination with Customer Quality Team for timely approval and implementation of the ITPs.
 - Continuous improvement of ITPs to incorporate Customer feedback and lessons learned.
 - Check connection of solar electrical equipment's starting from modules installation, combiners connections and inverters.
 - Coordination of Customer at 3rd Party Inspections at vendors and OEM sites.
 - Planning of FAT (Factory Acceptance Testing) of products to ensure timely approvals to ship.
 - Leading role in establishing a quality culture in the organization and projects regionally.
 - Responsible for solar power plant testing starting from DC string cables, Main DC cable test, Earthing system testing and Temp check.
 - Inspection of Materials on receipt at site to ensure they are free from defects and supported with the correct material certifications.
 - Inspection and Verification of all materials received to the field to ensure they meet Quality Standards before installation.
 - Definition of Product Acceptance Criteria per applicable industry standards.
 - Facilitation of Pre-Inspection meeting with Customer to ensure a smooth process and issue resolution.
 - Documentation of Non-Conformances to the Quality Plan and coordination with Customer to get required dispositions and approvals.
 - Optimization of PV arrays, combiner boxes and DC system design.

Dates : From Feb. 2016 till Jul. 2018

Employer : Orascom Construction LTD

Project : Al-Burullus Combined Cycle Power Plant 4800MW (Fast Track Project)
(8 x SGT5 – 8000H + GT-Generator SGen5-2000H, 4 x SST5-5000 HI-L + ST-Generator SGen5-2000H)

Job title : QA/QC Electrical Engineer

- Job Description** :
- Conduct all Electrical Inspections as per Approved ITP's and ensure that the work is done as per the Issued for Construction Specifications and Approved Shop Drawings.
 - Control the work activities in accordance with approved drawing plans, work procedure and project's specifications requirements.
 - Inspect the electrical delivered materials on site to ensure compliance with approved shop drawings and contract specifications.
 - Witness all Electrical testing required by the contract and any additional testing that may be identified as necessary during the course of the work.

- Ensure that all the record of the electrical testing is correct and verified moreover signing off the relevant document.
- Identify and Raising any Electrical Disciplined Non-Conformity Cases in Official Report.
- Feedback the QA/QC manger about any upgrade of the Electrical WIR Status.

Dates : From Jan. 2015 till Jan. 2016
Employer : Electro Tharwat Construction Co.
Project : West Damietta Power Plant 500MW (Fast Track Project)
Job title : E&I QC Engineer
Job Description :

- Performing material inspection and ensuring as per approved MAR.
- Preparation of calibration, installation acceptance, testing and commissioning reports.
- Review of all electrical & instrumentation drawings related to scope of project work.
- Raising NCR violated against specification. Suggested for correct action follow up closely and closing the NCR.
- Verify the test equipment and devices used in the project meets the required specifications as per project requirements, standard, testing accordance with the procedures.
- Ensure that all the record of the electrical testing is correct and verified moreover signing off the relevant document.
- Installation inspection of various types of power, signal, control and Instrument cable laying, Glanding and termination in the field junction boxes, local panels and in the control room and insulation resistance test and continuity check for the cables.

Dates : From Dec. 2013 till Jan. 2015
Employer : Arab Contractors Co.
Project : Sewage Treatment water stations
Job title : Electrical Engineer
Job Description :

- Installation of (0.4KV) motors operate a pump.
- Installation of submersible and dray, vertical pumping Unites and the its protections.
- Installation of electrical Low Voltage panels according to Approved method of statement and approved drawing.
- Installation of (A.T.S) panels.
- Carry out of internal and external lighting systems.
- Dealing with Fire alarm & Firefighting systems and ventilation systems.
- Installation and maintenance of electrical valves.
- Installation and maintenance of level control systems.
- Installation and maintenance of flow meter devices.
- Installation and maintenance of pressure systems.
- Assembly and erection of transformers.
- Installation, termination, pulling and testing of electrical cables.
- Erection of raw water stations (1500 L/S)/ units (20 Units).
- Erection of medium Voltage Panels according to approved method of statement and approved drawing.

- Erection medium voltage (C.B).
- Erection of (CT - VT - Power transformers).
- Dealing with medium voltage Multi-Function protection relays.
- Installation and maintenance of Low Voltage Panels according to approved method of statement and approved drawing.
- Carry out of lighting systems.
- Installation of water hummer protection system.
- Installation of electrical valves.
- Installation of chargers and batteries.
- Erection of overhead cranes.
- Installation of level control systems.
- Installation of pressure systems.
- Installation, termination, pulling and testing of electrical cables.
- Carry out regular and emergency maintenance for all the Components.
- Develop the maintenance program to be Appropriate through the Data sheet.
- Prepare plans for the needs of spare parts, equipment and tools of Measurement and follow up procurement with those responsible.
- Preparation of training requirements for the caretakers for the Installation.

Dates : From Dec. 2012 till Dec. 2013

Employer : Arab Contractors Co.

Project : Al-Aflag Water Treatment Station, KSA

Job title : Electrical Testing Engineer

Job Description :

- For Transformers 19 Pieces (Turns Ratio, Vector Group, Winding).
- Resistance, Insulation Test, Polarity Index, Buchholz Relay and Oil Temperature.
- For All Cables (Continuity and Insulation Test).
- For All Breakers (Contact Resistance).
- For Protection Relays (Current injection).
- Resistance for earthling System to ensure that all the activities that may affect the Quality of Electrical Installations be performed in a planned, systematic, controlled, document supported manner.
- Test, Polarity Index, Buchholz Relay and Oil Temperature to arrange for Inspection and witness site test for all Electrical Equipment's installed as per approved Inspection Test Plan and contract specification.

Dates : From Nov. 2010 till Dec. 2012

Employer : Specialized Co. for Electrics & Solar Energy

Job title : Electrical Engineer

Job Description :

- Install of Medium voltage panels and Transformer.
- Install of MDP and Power Factor Panel.
- Install, Test, Commissioning and Start-up for Large Motor 380 KW and its Transformer.
- 400/10000 V work by water resistance Conduct insulation testing (meager on LV & MV cables), Hi Pot testing on Primary Cables Supply – 60KV.
- Install of Medium voltage panels and Transformer.

- Install of MDP and Power Factor Panel.
- Install, Test, Commissioning and Start-up for Large Mill.
- Ensuring that the correct drawing is being utilized.

- Field of experience :**
- MEP QA/QC.
 - MEP Installation, Testing, Pre-Commissioning, Commissioning and Start-up.
 - IPMA (International Project Management Association).
 - Contacts and claims work shop.