

Holds a B. Sc. in Electrical Power & Machines Engineering and has about 22 years' experience as E&I Installation, Pre-commissioning and QC Inspector Engineer in Oil & Gas (Off-Shore & On-Shore), Petrochemical, Power Plant Industries, power generation and substation.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 22/06/1979
Gender : Male
Residence : Mansoura

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Mansoura University, 2003

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: AutoCAD 2D

TRAINING COURSES AND CERTIFICATIONS

: On-head training for the operation of steams and gas stations.
: AUTOCAD 2D program.
: English language (3 levels).
: PLC program.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jan. 2023 till now
Employer : ANOPC - TUV NORD
Project : ASSIUT HYDROCRACKING COMPLEX (Refinery)
Job title : E&I QC Team Leader

Dates : From Sep. 2020 till Jan. 2023
Employer : CARLO GAVAZZI EGYPT

Project	: MIDOR Expansion Project (Refinery)
Job title	: E&I QC Manager
Dates	: From Oct. 2017 till Jun. 2020
Employer	: RINA INTERNATIONAL (PETROBEL, ENI S.P.A)
Project	: ZOHR ONSHORE DEVELOPMENT PROJECT
Job title	: E&I QC Focal Point
Job Description	: • Review of all the engineering drawings (PID, Loop Drawing, Logic diagram, schedule, layouts etc.) and identify any Modification as required as site condition, Discuss and solve any technical Query and Final Review of marked-up / as-built drawing and handover to the client. • Review and approve all E&I installation and testing procedures prepared by contractors. • Leading the E&I QC inspectors teams and prioritizes the QC inspection activities according to project schedule and plan. • Attend the project QA/QC weekly meeting to discuss QC proactive and standard violation issues. • Manage the QC inspection activities of E&I material receiving, installation and pre-commissioning power down activity and ensure all following the procedure compare all the result to the standard and arrange for walk down with the Clint QA\QC supervisor for final approval and signature. • Ensure Quality inspection of all the activity at the site as per the specs and standard of the project. • Responsible for ensuring all aspects of the project comply with statutory HSE requirement and corporate HSE policies and procedures. • Understand the Project standards and ensure the design meets the requirements.
Dates	: From May 2016 till Oct. 2017
Employer	: ADVANSYS PROJECT (GUPCO, BP)
Project	: REHABILITATION PROJECT WITH BP FOR GUPCO (MORGAN 36 PLATFORM COMPLEX)
Job title	: Senior QA/QC Engineer
Job Description	: • Leading and managing complete Electrical, instrumentation, FGS, and telecommunication systems construction activities and teams. • Supervise the Construction and execution activities related various electrical, instruments, control systems, shutdown systems to insure all as per project specs and procedures. • Responsible for cost effective and scheduled completion of activities. • Prepare technical specifications for purchase of construction materials, consumables and equipment. • Material take-off, resources and tools required for the execution of the project. • Develop budgets, estimating labor, material, and construction costs. • Issue of site installation progress reports (daily, weekly and monthly). • Review of all the engineering drawings, and identify any Modification as required as site condition, Discuss and solve any technical Query

and Final Review of marked-up / as-built drawing and handover to the client.

- Perform all installation and testing inspections according to SATIP (Typical Inspection plan) including SAIC (inspection checklist) or SATR (Test Report).
- Raise LBE (log book entry) and/or NCR (Non-Conformances Report) as required.
- Responsible for ensuring all aspects of the project comply with statutory HSE requirement and corporate HSE policies and procedures.
- Understand the Project standards and ensure the design meets the requirements.

Dates : From May 2014 till May 2016

Employer : ENPPI

Projects :

- ETHYDCO Utilities and Offsites Project
- Egyptian Polyethylene Project

Job title : E&I QC Team Leader

Job Description :

- Review of all the engineering drawings (SLD, Inter Connection Diagram, Logic diagram, schedule, layouts etc.) and identify any Modification as required as site condition, Discuss and solve any technical Query and Final Review of marked-up / as-built drawing and handover to the client.
- Review and approve all electrical installation and testing procedures prepared by subcontractors and sent to Clint to final confirmation.
- Leading the electrical QC Inspectors teams and prioritizes the QC inspection activities according to project schedule and plan.
- Attend the project QA/QC weekly meeting to discuss QC proactive and standard violation issues.
- Prepare electrical QC database of project according to project.
- Manage the QC inspection activities of the material receiving, installation and pre-commissioning power down activity and ensure all following the procedure compare all the result to the standard and arrange for walk down with the Clint QA\QC supervisor for final approval and signature.
- Ensure Quality inspection of all the activity at the site as per the specs and standard of the project.
- Raise (NCR) Non-Conformances report and / or instrument damage reports as required.
- Responsible for ensuring all aspects of the project comply with statutory HSE requirement and corporate HSE policies and procedures.
- Understand the Project standards and ensure the design meets the requirements.

Dates : From May 2012 till May 2014

Employer : ENPPI

Projects : REHABILITATION PROJECT WITH BP FOR GUPCO PLATFORMS:

- JULY-10 COMPLEX PLATFORM
- OCTOBER COMPLEX PLATFORM
- RAMADAN-6 COMPLEX PLATFORM

Job title	: OFF-SHORE E&I Supervisor Senior Engineer
Job Description	: • Leading and managing complete Electrical, instrumentation, FGS, and telecommunication systems construction activities and teams. • Supervise the Construction and execution activities related various electrical, instruments, control systems, shutdown systems to insure all as per project specs and procedures. • Responsible for cost effective and scheduled completion of activities. • Prepare technical specifications for purchase of construction materials, consumables and equipment. • Material take-off, resources and tools required for the execution of the project. • Develop budgets, estimating labor, material, and construction costs. • Issue of site installation progress reports (daily, weekly and monthly). • Review of all the engineering drawings, and identify any Modification as required as site condition, Discuss and solve any technical Query and Final Review of marked-up / as-built drawing and handover to the client. • Perform all installation and testing inspections according to SATIP (Typical Inspection plan) including SAIC (inspection checklist) or SATR (Test Report). • Raise LBE (log book entry) and/or NCR (Non-Conformances Report) as required. • Responsible for ensuring all aspects of the project comply with statutory HSE requirement and corporate HSE policies and procedures. • Understand the Project standards and ensure the design meets the requirements. • Setup good safety practices and client requirements for maintaining off-shore works safe (have performing authority (PA) from GUPCO).
Dates	: From Sep. 2010 till May 2012
Employer	: MEGA
Projects	: • EAST DAMIETTA SIMPLE CYCLE POWER PLANT 4x125MW • WEST DAMIETTA SIMPLE CYCLE POWER PLANT 4x125MW • BANHA COMPIEND CYCLE POWER PLANT 1x750MW CP-101
Job title	: E&I QC Senior Engineer
Job Description	: • Main Power Transformer assembly & vacuum & electrical oil filling 11/220KV. • Supervision on installation of 220 (GIS) KV electrical substations. • Cable trays erection. • Cable laying and termination system. • Installing of control & protection system. • Installing fire alarm system. • Earthing System. • Preparing daily reports & monthly reports. • Review schedule time.
Dates	: From Sep. 2009 till Aug. 2010
Employer	: YEMGAS (KBR-Technip-JGC) - DOME
Project	: LNG Project at Balhaf – YEMEN

Job title	: Senior QA/QC E&I Engineer
Job Description	: • Functional testing of equipment 33/6.6KV Merlin Gerin switchboard HV. • ICAPS documentation, folders, test. • Reporting to Electrical Commissioning Manager for status of works. • Interfacing between MCC / ITR / CCR automation of the plant. • HV/LV switchgear authorised person for switching and PTW. • HV/LV cable testing, continuity, meggering and High-POT test.
Dates	: From Oct. 2008 till Sep. 2009
Employer	: Kahromika
Project	: New Talkha Power Station Combined Cycle 1x750MW
Job title	: E&I QC Engineer
Job Description	: Supervision on the following activities: • Main Power Transformer 11/220KV for (3 units). • Cable Lying & Termination. • Continuity Check. • Earthing System. • Handing over all the above activity.
Dates	: From May 2006 till Sep. 2008
Employer	: Carlo Gavazzi Egypt (C.G.E.)
Project	: El-Gameel Gas Compression Plant Power Generation (Petrobel through Petrojet & Nuovo Pignone)
Job title	: E&I QC Engineer
Job Description	: • Supervision of all site electrical installation activities as following: - Steel supports erection according to quality procedures. - Cable tray installation. - Panels base frame mounting and fixing. - Panels installation. - Cable laying. - Conduit pie erection. - Cable termination. - Earthing system. • Daily progress report issuing. • Following up lighting system compilation. • Punch list clearance. • Electrical system compilation and handing over.
Dates	: From Sep. 2003 till Apr. 2006
Employer	: Misr for Oil & Soup Company
Job title	: Maintenance Engineer
Job Description	: • Maintenance, repair and programming of inverters. • Maintenance and repair of control and power electrical circuits. • Operation and maintenance of air compressors different size (Atlas Copco – Ingrson Land). • Maintenance and repair of main electrical distribution panels 11KV. • Maintenance and repair of main electrical distribution panels low voltage.

- Maintenance and repair of main electrical generators.
- Install buildings & industrial electrical installation.
- Maintenance and repair (PLC).
- Reading of different electrical technical drawings.
- Maintenance and repair of boilers.
- Maintenance and repair of electrical control and measurements equipments.
- Maintenance and repair of soup produce lines.
- Maintenance and repair of food oil extraction units.

- Field of experience :**
- Leadership ability to manage complete E&I QC works and teams.
 - Supervise the Construction and execution activities related to various field instruments, F&G, Switchgear, MCC, UPS, lighting and earthing systems, and control systems, shutdown systems to insure all as per project drawing, specs and procedures.
 - Supervise the electrical test for all electrical equipment such as:
 - Electrical Transformer test:
 - ❖ Insulation resistance test for winding & auxiliary power circuit.
 - ❖ Function test for NO Voltage tap changer.
 - ❖ Function test for (winding temp. indicator, oil temp. indicator, oil level gage, cooling fan control, buchholz relay, pressure relief device).
 - ❖ Polarity test for C.T.
 - ❖ Oil breakdown test.
 - Switchgear & MCC:
 - ❖ Torque test for bus-bar connections.
 - ❖ Insulation resistance & hi-pot test for main circuit.
 - ❖ Insulation resistance & polarity test for voltage transformer.
 - ❖ Polarity test for current transformer.
 - UPS charger battery:
 - ❖ Torque wrench for battery link & bus-bar connections.
 - ❖ Battery charging time (post position).
 - ❖ Battery dis-charging time (by load bank).
 - Lighting & receptacle system:
 - ❖ Insulation test for main circuit.
 - ❖ Function test for lighting fixtures & battery backup.
 - ❖ Function test for photocell/timer.
 - ❖ Illumination level test (lux meter).
 - Thorough knowledge on P&ID, Control loop schematics, Loop wiring drawings, Instrument hook up, Cause and Effect, Logic diagram etc., for managing construction jobs.
 - Ensure Quality inspection of all the activity at the site as per the specs. and standard of the project.
 - Raise (NCR) Non-Conformances report and / or E&I damage reports as required.
 - Issue of site E&I QC reports (daily, weekly and monthly).
 - Supervise the Instrumentation, and Fire and Gas detection system (FGS) loop checking activities.
 - Provide recommendation on all instrumentation and control, and F&G detection system construction work to assure a functionality and final product.

- Work with Engineering department to solve the problems occur in the site and was sent to me by Request For Information "RFI" Report, also review all documents to find any problems in engineering to solve it if possible and if not to address this problem to the engineering department in main office.
- Inspect and supervise material receiving, installation and pre-commissioning power down activity and ensure all as per project drawing and procedure, compare all the result to the standard and arrange for RFI walk down with the PMT QA/QC supervisor for final approval and signature.
- Prepare of all installation and testing procedure / method of statement with reference to project specs and standard.
- Review of all the engineering drawings and identify any Modification as required as site condition, Discuss and solve any technical Query and Final Review of marked-up / as-built drawing and handover to the client.
- Responsible for ensuring all aspects of the project comply with statutory HSE requirement and corporate HSE policies and procedures.
- Familiar with international cods and standards such as NEMA VE2, NEMA VE1, NEMA 250, IEC60529, IEC 60079, ISA RP 12.6.1, NFPA 70/NEC, IEEE 518, API 527, 526, ...etc.