

Holds a B. Sc. in Electrical Power & Control Engineering and has over 10 years' experience working in QA/QC E&I field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 14/02/1988
Gender : Male
Marital Status : Married
Residence : El-Behira

EDUCATION

: B. Sc. in Electrical Power & Control Engineering, Alexandria University, 2012

LANGUAGES

Arabic : Native Language
English : Excellent

COMPUTER SKILLS

: Windows, MS Office, Internet
: Matlab

TRAINING COURSES AND CERTIFICATIONS

- : Certified: CompEX (Certificate No.: 62003), Preparation: JTL:
 - EX01 electrical installation.
 - EX02 electrical inspection.
 - EX03 instrument installation.
 - EX04 instrument inspection.
- : Sidi Krir Power Station (summer 2010):
 - Switchgears circuit breakers.
 - Synchronism and induction motors.
 - Transformers.
 - UPS (Uninterruptible power supply).
 - Diesel generation.
 - Power factor correction.
- : Attendance of PLC course (summer 2008) in the Abu Qir Training Center.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Apr. 2021 till now
Employer : Technip
Project : Midor Refinery, Alexandria
Job title : QA/QC Electrical & EX Inspector

Dates : From Aug. 2020 till Mar. 2021
Employer : EMC
Project : Badr 3, Western Desert, Egypt
Job title : QA/QC E&I and EX Team Leader

Dates : From Aug. 2017 till Dec. 2019
Employer : Carlo Gavazzi Egypt
Project : BP Oil & Gas Project – Alexandria, Cairo
Job title : QA/QC E&I and EX Certified Team Leader
Job Description :

- Lead QA/QC E&I and Ex Team.
- Attending daily, weekly and monthly QA/QC and Ex meetings with the client.
- Potentially Hazardous Area E&I Equipment Inspection Zone 0, Zone1 and Zone2 Inspection according to ATEX/IEC 60079-17 Standard.
- Verification of hazardous area enclosures for correction application.
- Implementing coverage of proper installation, wiring and cable laying, glanding, termination as per the ATEX standard and witnessing of insulation resistance test and hi-pot test.
- Perform Ex detailed inspection for all electrical equipment, instrumentations, fire & gas system, telecom system and CCTV camera.
- Did Investigation for all non-conformance issues related to Ex inspection.
- Perform incoming material & equipment inspection to ensure it does conform with material requisition or specification (Ex & non-Ex).
- Monitor the performance of construction to ensure the respect of work standards and project specifications.
- Perform Internal Visual inspection, Testing Continuity, Insulation resistance testing.
- Make & Monitoring Progress report project construction related E&I
- Perform Daily inspection base on ITP, Project specification & procedure and write closed ITR.
- Perform Internal Inspection & testing like as Visual Installation - termination, Testing Continuity, Insulation resistance testing.
- Inspection of various Electrical and instrument installation as per approved latest drawing.
- Prepare all documents for ITR system and sub system (cable schedule, single line diagram, layout location equipment, hazardous area, Hook Up Drawing, P&ID and data sheet equipment).
- Identify all items that do not comply with applicable standards and specifications to develop a punch list.
- Perform walk down punch list prior to mechanical acceptance and witnessing close out punch list requested.
- Coordinate and assist construction to resolve any encountered problems

related to inspection and testing activities to meet schedule and avoid any delay of activities.

- Inspection of various cable termination and testing, HVAC, Chillers, AHU, Duct Heater, thermostat, grounding / earthing, motor cable control (MCC), main switchboard (LV switchboard & MV switchgear), emergency switchboard, drilling switchboard, Main Generator, Emergency Generator, level transmitter, flow transmitter, smoke detector, electrical panel, main lighting, emergency lighting and etc., based on specification project.
- Inspection for the installation of CCTV camera and speakers in the plant facility area.
- RFI and witness with E&I Inspector client for do Inspection base on ITP.
- Identify non-conforming work or materials, notify contractor and keep a record. Follow up corrective and preventive measure taken by the Contractor.
- Initiate remedial or corrective action based on standard, code, and specification and verify the closure of NCR.
- Maintain all Quality Control Report (RFIs, Punch List & NCR).
- Make sure all work has permit to worked.

Dates : From Jun. 2016 till Aug. 2017

Employer : LEEDS and Irem

Project : Burullus Gas and Steam Power Station

Job title : QA/QC E&I Team Leader Engineer

Job Description :

- Lead QA/QC E&I Team.
- Attending daily, weekly and monthly QA/QC meetings with the client.
- Preparation of Project Quality Plan, Quality Manuals and Procedures as per scope of work.
- Preparation of Method of Statement (MS).
- Preparation of Inspection and Testing Plan (ITP).
- Preparation, review and implementation of all supporting documents regarding project, quality assurance and quality control plan execution.
- Hands-on experience of execution as per drawings and design and throughout cross inspections as per standards and specifications.
- Follow up all inspections related to QC.
- Inspection of all types of all the Electrical and Instrumentation fields like Equipment's, Cable trays, Conduits, Switch gears, IPP, Transformers, Marshalling panels, Local control panels, HV, LV, Control cable terminations and Field instrument installations.
- Inspection and Functional Checks of Switch gears, Motors, Lighting panels, Instrument Calibration and Loop checking.
- Thorough understanding of all the QA&QC, Construction and Commissioning functions.
- Inspection and verification of all incoming electrical and instrumentation material inspection as per project specifications and manufacturer certificates.
- Site acceptance test, cable HI POT, insulation test, commissioning and start-up of all electrical and instrument systems.
- Inspection of motors, winding resistance test, PI test, motor solo run check vibration and temperature.
- Inspection of all types of panels, cable trays, junction boxes, Pneumatic

tubing, impulse lines, Field instruments and Cable terminations.

- Excellent documentation and preparation of LOOP TEST PACKAGE.
- Implementation and surveillance of Quality Management system at the project.
- Responsible for ensuring that the construction methods are in line with Quality Inspection plans and are well understood by concerned supervisors.
- Ensuring that all critical activities like calibration, panel installation / cable termination and testing must be handled by execution according to Quality Inspection Plan (ITP).
- Responsible for preparation of internal punch list for rectification of descriptions before offering the customer inspection.
- Responsible to raise the RFI and arrange the site inspection in collaboration with client representative as per ITP.
- Review the As-built drawings and submit them to client inspection department.
- Quality control review of electrical and instrumentation drawings, P&ID drawings, instrument loop drawings (ILD), ESD drawings, Junction Box layouts, electrical & instrument cable schedule and Hook up drawings.
- An effective communicator with excellent relationship, management skills, strong analytical skills and work organization abilities.
- Follow up & Close up punch list activities as per comment Client.

Dates : From May 2015 till Apr. 2016
Employer : Petrojet
Project : Egyptian Ethylene and Derivatives Company (ETHYDCO)
Job title : E&I Engineer

Dates : From Feb. 2014 till Mar. 2015
Employer : Xervon
Project : ENPC (MOPCO 1, 2) Project - Damietta
Job title : E&I Site Engineer
Job Description :

- Installation of Low voltage switchgears.
- Installation of Medium voltage switchgears.
- Installation of Outdoor substation, Isolators and breakers.
- Installation of Motors.
- Installation of Transformers.
- Installation of Bus ducts Torque.
- Pulling of cables.
- Cathodic protection installation.
- Install all kinds of field mounted Instruments, like FT, PT, LT, TT, RTD, T/C, TT, level gauges, pressure & temperature gauges, switches, control valves safety shutdown valves (zv), MOVs, PZVS and CCTV cameras.
- Familiar with latest Calibration & calibration Certificates, all test and measuring instruments are in operational and calibrated condition, which will be utilized.
- Install all Smoke Detector, Gas Detector, Toxic Detector, Skin Detector, Heat Detector.
- Cable pulling & Termination and cable testing for all kind of Detectors.
- Install all Fire & Gas System Instruments in the Field and buildings such

- as H2S & Combustible (LEL) Gas detectors, Horn, Beacon, Push Button.
- Supervise & carryout Loop check and Commissioning of field instruments like Foundation Field bus and Hart Protocol Transmitters, Control valve & Shutdown valves, vibration & speed sensors, Thermocouples, RTD's and Switches as a part of PMC activities.
- Review of all layout drawing (based on plant layout) showing, location of all field instruments, junction boxes, cable/conduit (pipe) routes from instruments to control room, etc.
- Responsible for the installation of primary elements like Orifice plates, venture tubes flow nozzle, pitot tubes and turbine meters, Rota meters, in association impulse piping (Tubing) installation for the instruments as per the approved HOOK-UP drawings.
- Familiar with the Hazards Location Classifications-Classes, Zones, Division & Groups.
- Assurance that materials are correct for the intended service, work performed confirms with engineering specifications.
- Prepare Oversize/Over material, Shortage and Damage Report (OSDR) and submitting to QC Coordinator and Material Department.
- Responsible for the clearance of Punch listing prior to MCC Completion.
- Perform in depth design review to verify conformance to company engineering standards and specification on project in the construction stage.
- Multiple cable transit (MCT).

Dates : From Jun. 2013 till Dec. 2013
Employer : Eshra Group
Project : A factory for the manufacture of mechanical clamp, Alexandria
Job title : Maintenance & Operating Engineer

Dates : From Jan. 2013 till Jun. 2013
Employer : MAS TRADE for refrigeration, Alexandria
Job title : Maintenance & Operating Engineer
Job Description :

- Build and Maintenance of control circuits for all electrical equipment.
- Operation of switchgear circuit breakers at main distribution panels.
- Build Control circuits and installation of Induction motors.
- Cables design.
- PLC programming.
- Fix all problems ware occurred in machines.
- Design lighting system in the factory and company.
- Install many kinds of Drives.
- Install UPS system.
- Control in the speed of machines by using inverters.
- Built STAR-DELTA circuits.
- Used all kinds of sensors.