

Holds a B. Sc. in Communication & Electronics Engineering and has over 20 years hands-on experience in the field of instruments and automation in prestigious company Field Instruments and Control Systems managing, engineering and maintenance activities including: Design, Construction, Inspector A/QC, Commissioning, Calibration device, loop check, Start-up and Maintenance.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 27/11/1974
Gender : Male
Marital Status : Married
Residence : Currently Iraq

EDUCATION

: B. Sc. in Communication & Electronics Engineering, Alexandria University, 2000

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

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

TRAINING COURSES AND CERTIFICATIONS

: Training at Abu Qir Power Station for steam turbines operation system (boiler SYSTEM – turbine SYSTEM – generator – auxiliary Equipment's) by using DCS (distribution control system – cooling system – steam cycle – electrical maintenance of Transformers – maintenance of device – protection device – water unit treatment – gas turbine (model "BCC" (Brown Bover Company – win guesthouse – Siemens)).
: Training in measuring devices and calibration devices at Abu Qir Steam Turbine Power Station.
: Training on plc Siemens (s5 & s7) at Abu Qir Power Station.
: Training in DCS / ESD System.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jan. 2021 till now
Employer : EMC (Egyptian Maintenance Company)
Project : Zubair Gas Plant in IRAQ
Job title : Senior (I&C) Maintenance & Troubleshooting Engineer

Dates : From Nov. 2020 till Jan. 2021
Employer : Intertek Office
Project : Tasiast
Job title : Third Party Inspector (attend FAT)

Dates : From Feb. 2020 till Mar. 2020
Employer : TÜV (Rheinland) Office
Project : Basins 3 Liquid Bilk Terminal Sokhna Port, Suez
Job title : Third Party Inspector (attend FAT)

Dates : From Nov. 2017 till Jan. 2020
Employer : Maire Tecnimont S.P.A.
Project : Ammonia & Urea Fertilizer - Kima Aswan
Job title : I&C Inspector

Dates : From Nov. 2016 till Nov. 2017
Employer : GS Company
Project : ERC
Job title : I&C Construction Supervisor

Dates : From Aug. 2016 till Nov. 2016
Employer : Setik Company
Project : Gas Production in Kazakhstan (Atrya City)
Job title : I&C Inspector

Dates : From Jun. 2015 till Jun. 2016
Employer : Intertek
Project : Gas Compressors Plant in Iraq
Job title : Third Party Electrical / I&C Inspector

Dates : From Apr. 2015 till May 2015
Employer : Enppi Company
Project : Ethylene Plant
Job title : I&C Engineer

Dates : From Nov. 2013 till Apr. 2015
Employer : Enppi Company
Project : Assil & Karam Project CRP CO2 Removal Plant in Western Desert
Job title : I&C Inspector

Dates : From Mar. 2012 till Nov. 2013
Employer : ToJar Company – Saudi Arabia (branch Dammam)
Project : Treatment Water Plant & Wastewater Plant & Desalination Plant
Job title : E&I Inspector

Dates : From Jan. 2010 till Feb. 2012
Employer : UHDE
Project : Mapco Company (Ammonia & Urea Process Plant)
Job title : I&C Inspector

Dates : From Sep. 2009 till Sep. 2010
Employer : Bonatti Company in Libya for Eni Oil Company on their gas turbine (model GE)
Job title : E&I Inspector

Dates : From Jan. 2009 till Sep. 2009
Employer : Kahromeci Company (supplier from Mitsubishi Heavy Industries Ltd.)
Project : El-Atf Combined Cycle Power Plant (750MW)
Job title : I&C Inspector

Dates : From Sep. 2008 till Jan. 2009
Employer : Egyptian Maintenance Company (EMC)
Project : Refinery in Midor, Alexandria
Job title : I&C Maintenance & Troubleshooting Engineer

Dates : From Jun. 2007 till Sep. 2008
Employer : Petromaint (Alexandria Petroleum Maintenance)
Project : Refinery
Job title : I&C Maintenance & Troubleshooting Engineer

Dates : From Apr. 2002 till May 2007
Employer : West Delta Electricity Production Company
Project : Gas Turbine & Steam Turbine Sidi Krir Power Plant
Job title : I&C Maintenance & Troubleshooting Engineer

Field of experience :

- Responsible to ensure & control all I&C field Inspection & testing activities including development, management, implementation and monitoring of the Quality Management System (QMS) and Compliance to ISO 9001:2008 safely define, execute, commission and handover the

Project on schedule. Familiar applicable International codes such as IEC, ISO, IEEE, ANSI, ASTM, NEC, NEMA, API, NACE & etc.

- Having extensive hands on experience in E&I Equipment Installation, Testing, Calibration, Pre-commissioning & Commissioning of HART & Foundation field bus type Process control instruments such as (PT, TT, DPT, Displace / Interface / Radar type LT & Vortex / Ultrasonic / Electromagnetic, coriolis / Mass FT) and all kinds of valves FCV, ESDV, MOV, SRV, PRV, Chock valve & IPF valve (Mokveld). Calibration & Installation of F&G instruments such as Smoke detector, H2S detector, Gassonic meter, IR open path detector, Hooter & Beacons. Installation of Instrument control & Electrical panels (FCS, IPS, FGS, IFB, MIMIC, PLC & DCS) Automatic well tester (AWT), Chemical Injection skid (CI Skid), High Pressure Unit (HPU), Well Head Control panel (WHCP), RTU, RPC, load cell, vibration switch, DCS/ PLC & ESD system. Ensure all field Inspection such as Cable trenching, laying, Separation between IS, NIS & Electrical cables, Glanding Termination.
- Ensure Instrument tubing hook up, Testing of Impulse & Airline tubing.
- Inspection of Switch gear panel such as installed as per Panel installation drawing, components physical damage, cubical working properly, rack in-out, Name plate matching, individual feeder tag and rating, Isolator ON-OFF, Bus bar tightening, push button functioning, indicator lamp, Ammeter/Voltmeter functioning, and Testing such as IR test, winding resistance, feeder function check, polarity check, phase sequence, CT & VT, primary & secondary injection & etc. Testing of Transformer such as IR test, winding resistance, vector group, winding temperature, tap changing & etc.
- Ensure all the instruments are installed in suitable Zone area classification (Zone 0, 1 & 2) as per Hazardous identification drawing & Instruments are Comply with "EX" requirement such as Flame proof (Exd), Increase safety (Exe), Non sparking (Exn), Intrinsic safety (Exia/ib) & verify ATEX certification code.
- Fiber Optic cable (FOC) blowing, OTDR test, Splicing, termination & End to End test. Installation of Telecom panel including FOPP, Manhole & HDPE duct including crush & deformity test to ensure the integrity of duct.
- Review & identify design contradict with actual site condition such as PEFS, ILD, FLD, I/O list, Cause & Effect, F&G Alarm & Trip setting, Electrical & Pneumatic hook-up, Hazardous identification drawing, Instrument Engineering Data sheet, Cable block diagram, E&I installation drawing, Cable schedule, Schematic drawing, Electrical Equipment typical installation drawing, Electrical SLD, Earthing layout, MTO, MAS, MR & Vendor Package drawings / documents / FAT Certificates.
- Technical assist with Commissioning team during loop check, functional check, logic check, cause & effect / safe guard check, system override & etc. Assist to prepare pre- commissioning "B" check sheets, coordinate to testing of logical sequence during start-up and shut down based on cause & effect sequence & Experience in PSUA (Pre-Start up Audit) with client.
- Review Contract Quality Plan (CQP), Project Specification & Drawings to understand the scope of work and prepare / organize to carry out inspection for E&I equipment installation, testing and commissioning as per client requirement.
- Generate Quality Control Procedures and Inspections & Test Plans

including the associated Installations & Tests Inspection Forms/Checklist for the installations, testing and pre-commissioning activities.

- Responsible to review sub-contractor QCP / ITP & Ensure that the work has been carried with approved AFC document & Standard drawing at site. Also Providing Periodic Training & guidance to Sub-contractor personal to achieve the maximum quality in E&I work at every stage of work at site.
- Liaised with the Client's representative, Vendors, Project Site Engineers/Supervisors to coordinate quality issues including engineering queries, and the schedule of inspection/testing activities and ensure that communication are exist and maintained, and provide assistance when requested.
- Responsible for day to day planning and handling / organizing I&C QC's for Inspection and testing activities at site (as per Hold/Witness/Surveillance & Review Points).
- Ensuring Various stage of Inspection (Materials/Installation/Final Inspection) activities & if any non-conformance identified as per Project Specification & Vendor drawing / Documents.
- Involved in Quality walk-through with the end-user/customer & monitoring /recording the punch points to identify quality related issues & implement best practices, etc.
- Verify the ATEX Certification and ATEX code of the given material, IP Rating, Temperature class & Gas group.
- Participate in a team for Technical Performance Audits & ensured that adequate QA/QC system is in place and confirmed effectiveness.
- Prepare internal/external audit schedule, Audit Notification-checklists, Audit Reports and follow-up of NCRs and CAPARs until final close-out to ensure compliance to the IMS requirements. Also well versed in quality improvement techniques, resolving issues, carrying out root cause analysis.
- Establish and monitor Key Performance Indicators (KPIs) to measure quality performance in different areas of work development and at various project Phases and review and resolve technical matters related to quality management and quality control plans, ITPs, QA/QC documentations.
- Attending FAT & SAT inspections of E&I Packages & record if any non-conformance identified as per Project Specification & Vendor drawing / Documents.
- Preparation of Quality Plan(Incoming, In process & Final), Quality, Quality Assurance Certificate, Compliance Certificate, Assembly Manuals, Work Instructions, Test Procedure, Test reports for Products.
- Involved in the punch-listing of the completed construction activities (Punch-List – A&B) & ensure closing of the punch items by the construction team before Mechanical Completion.
- Provide technical guidance and QA/QC support for procurement activities, design reviews during FEED, detailed engineering, procurement, fabrication, testing, installation, commissioning and start-up stages of the project.
- Maintaining all QA/QC Records (Inspection Requests, Materials acceptance & Installation Inspection Check sheets, Test Records, NCRs, etc.) at site as per project requirements.
- Develop and maintain QA/QC lessons learned register & follow up on

action items and maintain status register.

- Implementing & Maintain MMD (Monitoring & Measuring Device) to ensure that all Calibration Master Equipment & Testing Equipment's are having Valid Third Party Certificate.
- Supervising Document Controller at site and implement effective Document & Drawing Control system.
- Coordinating for walk down with Commissioning team to close the System & sub-system in CCMS / WINPCS.
- Total handing over of system with construction / commissioning dossiers, as-built documents & completed punch list.
- Throughout my professional duties & responsibilities, I have been associating in all Aspects of Projects construction & inspection & commissioning operation & maintenance for instrument and Automation Process Control System, this includes: Boilers, Heaters (Natural & BY Forces draft), Towers, Vessels (Pressure, Vessels), Heat Exchangers, Filters & Separators, Reactors, Thermal Reactor, Thermal Inclinator, Gas Sheller, Deaerators, Cooling towers, Air Coolers, Flairs, Machinery & Drives (Blowers, Fans, Rotary Pumps, Reciprocating Pumps & Compressors, Centrifugal Pumps & Compressors), Storage Tanks (Spheres), Steam & Electrical Tracing Battery Limits, (Cold & Hot) Flash OIL System, Desolaters, Dryer, Refrigerators, Desalination Unit & Chemical Dosing Pump Systems.