

Holds a B. Sc. in Electrical Engineering (Communication & Electronics) and has over 12 years hands-on experience working in I&C field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 12/05/1988
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

: B. Sc. in Electrical Engineering (Communication & Electronics), Arab Academy for Science & Technology (AAST), 2009

LANGUAGES

Arabic : Native Language
English : Fluent
Italian : Fair

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: UNICCS system software

TRAINING COURSES AND CERTIFICATIONS

: Control Valve Engineering (Nov. 2021).
: Process Safety & Hazard Analysis (PHA & HAZOP) (Feb. 2021).
: Course (Flow Measurements "Advanced") at Enppi – Egypt (Nov. 2017).
: BOSIET (Basic Offshore Safety Induction and Emergency Training) Location at Arab Academy for Science & Technology - Alex - Egypt (Aug. 2016).
: FAT (Factory Acceptance Test) for ICSS system for NAQ-PIII platform (inspection for system panels PCS, ESD, F&G & Telecomm.), Location at Fores premises – Forli - Italy (Nov. 2015).
: Course (Practical safety instrumentation & Emergency shutdown system), Location at Roqqy – Egypt (May 2015).
: Course (Firefighting), Safety & Firefighting Authority – Egypt (Apr. 2015).
: Course (First Aid), Location "In-House training course" (Mar. 2015).
: Course (SCADA Systems), Location at OGS – Egypt (2014).

- : FAT (Factory Acceptance Test) for the Fire & Gas system (inspection for system panels & detectors), Location at Yokogawa premises - Abu Dhabi (Jan. 2013).
- : Course (Overview of Measurement and Control Fundamentals), Location at OGS – Egypt (2012).
- : HUET (Helicopter Underwater Escape Training), Location at Arab Academy for Science & Technology - Alex – Egypt (Jun. 2012).
- : Fulfilled all levels of English course at the American Center of Alexandria (AMIDEAST - 2009).
- : Finished 2 levels of Italian language courses at Dante Alighieri, Alexandria.
- : Working at Heights.
- : Firefighting.
- : H2S effects & Scape Hoods.
- : Permit to Work.
- : Plant Safety & office Safety.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Feb. 2010 till now
- Employer** : Abu Qir Petroleum
- Job title** : Instrument Section Head
- Job Description** :
- Installation of new F&G Detection & Alarm System at Onshore Meadia plant: Project Manager during Engineering, Installation, Pre-commissioning, Commissioning & Start-up of Fire & Gas system panels & detectors at Onshore Meadia Site.
 - Abu Qir Petroleum, Construction, Pre-commissioning, Commissioning & Start-up of New offshore platform NAQ-PIII: Senior Instrument Engineer during Construction, Pre-commissioning, Commissioning & Start-up of the new platform.
 - Abu Qir Petroleum, WHCP “Well Head Control Panel” on NAQ-PI and PII platforms: Senior Instrument Engineer during Installation, Pre-commissioning, Commissioning & Start-up of WHCP “Well Head Control Panel”.
 - Abu Qir Petroleum Fire & Gas system panels & detectors on PII, WAQ & NAQ-PI platforms (Offshore) Senior Instrument Engineer during Installation, Pre-commissioning, Commissioning & Start-up of Fire & Gas system panels & detectors on PII, WAQ & NAQ-PI platforms.
 - Abu Qir Petroleum, New offshore platform NAQ-PII: Instrument Engineer during Construction, Pre-commissioning, Commissioning & Start-up of new offshore platform NAQ-PII.
 - Abu Qir Petroleum REPLACEMENT OF NAQ-P1 DCS (Offshore): Instrument Engineer during Construction, Pre-commissioning, Commissioning & Start-up of NAQ-PI DCS.
 - Replacement of A/Q P-II Platform DCS System (Offshore): Instrument Engineer during Construction, Pre-commissioning, Commissioning & Start-up of PII DCS.
 - Long Term Solution for A/Q Facilities (Onshore): Instrument Engineer during Construction, Pre-commissioning, Commissioning & Start-up of New DCS system at “Maadia Plant”.
 - Oily water treatment unit at main PII & PI platforms (Offshore):

- Instrument Engineer during Construction, Pre-commissioning, Commissioning & Start-up of Oily water treatment unit Skid.
- Replacement of Cable trays on WAQ platform: Instrument Engineer to follow Construction activities of revamping of old cable tray system with new one.
- AQP (EL-Moltaka) Head Office: Instrument Engineer to follow construction and start-up activities for CCTV & Smoke/Heat detectors for “EI-Moltaka Building”.

Dates : From Jan. 2018 till Feb. 2020

Employer : DNV-GL

Project : Egyptian Refinery Company (ERC) Project (DCU, VDU, HCU, NHT, DHT, HPU ... etc.) at Mostorod, Cairo

Job title : Instrumentation Engineer

Job Description :

- Follow all construction activities done by the contractor with respect to engineering documents for (All Instruments and F&G detection devices and systems).
- Reviewing FIN’s “Field Inspection Notification” and do all the related inspections.
- Attend the calibration for all loose instruments.
- Follow all tubing activities installation and leak testing.
- Making punch list against the incomplete works.
- Assure the quality standards as per project specification.
- Witness all instrumentation inspection with contractor representatives.
- Follow all pre-commissioning (loop checking & function tests) & commissioning activities with vendors.
- Attending all Mechanical completion walk downs “Mech Completion Instrumentation Area Manager” issue punch list and follow the clearance for all punches.
- Attend PSSR walk downs for all areas, issue punch list and follow the clearance for all punches.
- Attend the start-up of the plant and assure that the system is free from any problem related to instruments.

Dates : From Aug. 2017 till Jan. 2018

Employer : PhPC (Pheronic Petroleum Company)

Project : (Onshore) Atoll Plant Development Project at Port Said

Job title : Instrumentation Engineer

Job Description :

- Follow all construction activities done by the contractor with respect to engineering documents for (All Instruments and F&G detection devices and systems) issue punch list and follow the clearance for all punches.
- Attend the calibration for all loose instruments.
- Follow the splicing and connections of fiber optic cables and all testing activities.
- Follow all tubing activities “Autoclave” installation and leak testing.
- Making punch list against the incomplete works.
- Assure the quality standards as per project specification.
- Ensure Marked up red line drawing and Documentation works.
- Witness all instrumentation inspection with contractor representatives.
- Check the drawings and documents used at site for approvals and

compliance with project requirements.

- Follow all pre-commissioning/commissioning activities with vendors.
- Attend the start-up of the plant and assure that the system is free from any problem related to instruments.

Dates : From Jul. 2015 till Sep. 2015
Employer : Hammar IPF Basra – Iraq
Project : ZUBAIR Oil Field Development Project
Job title : Instrument QC Inspector
Job Description :

- Surveillance report and inspection throughout the RFI.
- Making punch list against the incomplete works.
- Assure the quality standards as per project specification.
- Ensure Marked up red line drawing and Documentation works.
- Witness all instrumentation inspection with client / contractor representatives.
- Check the drawings and documents used at site for approvals and compliance with project requirements.
- Ensure that all equipment's used are calibrated and with valid certificates.
- Approve orbit ITR's from construction and handover to commissioning.
- I&C Signal Verification for all Packages.

Field of experience :

- Instrument member for projects Team (New projects, replacing & upgrading) at onshore and offshore plants.
- Engineering, Procurement, Construction, Pre-commissioning, Commissioning and Start-up for different onshore and offshore Projects.
- Preparing Contract Documents and Scope of Works for different Projects.
- PMC "Reviewing projects engineering documents and drawings based on projects requirements & applicable codes and standard" such as but not limited to the following:
 - P&ID's, Inst. List, Data sheets and Inst. Spec.
 - I/O List, Inst. Block Diagram and Cause & Effect.
 - Loop, JB Wiring and Interconnection Diagrams.
 - Inst. Hook-ups (Electrical & Mechanical and Process).
- Responsible as a Technical member for the Procurement phase. Issuance of SR, MR based on MRQ's. Determining the Expected Budget based on Cost Estimate studies.
- Responsible for coordination, supervision and inspection of instrument installation, calibration, control cables terminations and testing.
- Follow up & Inspect contractors activities as per contract scope of work and construction professionalism.
- Prepare and follow up projects reports, plans, schedules and provides coordination and work direction as required based on Project Scope of work and Terms & Conditions.
- Reviewing and signing approvals of different Contractors invoices.
- E&I team member for pre-commissioning, commissioning and start-up of projects for instrument field, Packages and different control system of new projects such as but not limited to the following:
 - ICSS, DCS, PLC, PCS, ESD, SIS, SCADA and F&G systems.
 - Emerson Delta-V systems.

- Commissioning of different oil & gas field Packages.
- Attend the calibration for all loose instruments & Follow all tubing activities installation and leak testing.
- Attending all Mechanical completion walk down “Mech. Completion Instrumentation Area Manager”.
- Attend the start-up of the plant and assure that the system is free from any problem related to instruments.
- Providing Specific On Job training related to Instrument Selection, Installation & Inspection.