

Holds a B. Sc. in Electronics & Communication Engineering and has about 13 years experience in the field of oil & gas projects management, construction and commissioning (I&C systems).

PERSONAL DATA

Nationality : Egyptian
Birth Date : 28/06/1984
Gender : Male
Marital Status : Married
Residence : Currently Russia

EDUCATION

: B. Sc. in Electronics & Communication Engineering, El-Shorouk Academy, 2007

LANGUAGES

Arabic : Native Language
English : Very Good
Russian : Fair

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

: Control Loop Fundamentals.
: An overview of PLC (Programmable Logic Control).
: An overview of Communication System including Microwave System.
: Fiber Optics System & LAN System (Local Area Network System).
: PLC Pro-2.
: Swagelok (Egypt branch).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From 2018 till 2021
Employer : BP
Project : West Nile Delta Project
Job title : E&I Quality Engineer

Job Description :

- Review termination for instrument cables.
- Review installation of instruments during construction phase.
- Review installation of impulse line & pneumatic air as per hookup & P&ID.
- Supervision leak test for tubing as per data sheet.
- Prepare & update databases for all instrumentation works, prepare periodic reports & attend different meetings.
- Electrical & Instruments Punch List coordinator, attending the final walk down & responsible for clearing all punch list categories to achieve MC & RFC.
- Arrange vendor mobilization for packages as per project schedule aligned with mechanical completion's dates for each sub-system.
- Review red markup drawings & apply the modification (As-Built).
- Identify and verify system and sub-system limits of handover for all instrument activities.
- Instruments punch list coordinator, assisting in the walk downs & responsible for clearing all punch list items.

Dates : From 2016 till 2018

Employer : Petrojet

Project : Ismailia Tunnels

Job title : Instrumentation Engineer & PLC Engineer

Job Description :

- TBM (Tunnel Boring Machine) Shift Electrical Team Manager.
- Troubleshooting and diagnostics for PLC of TBM.
- PLC program modification.
- Familiar with Siemens S7-300 PLC family.
- Drive software configuration and PLC interface.
- Coordinate and support the electrical works.

Dates : From 2015 till 2016

Employer : Petrojet

Project : Polyethylene Plant, Ethydc, Egypt

Job title : Instrumentation Engineer

Job Description :

- Instrumentation cables laying (instrument, F&G, telecom and fiber optic cables).
- Installing junction boxes.
- Installing CCR with all equipment (Cable Trays, Cable Laying, Panels, Telecom F&G System).
- Erection instrument devices using P&ID and mechanical Hook-up diagram.
- Erection Telecommunications and Fire & Gas Devices.
- Installing cable glands and terminations using electrical hook-up and wiring diagram.
- Inspection for cable laying and install devices inside field.
- QC for all instrumentation, fire & gas and telecommunications systems and subsystems.
- Clearing punch list for pre-commissioning & commissioning phases.

Dates : From 2013 till 2015
Employer : Petrojet
Project : Assil & Karam Gas Development Project, Bapetco, Egypt
Job title : Instrumentation Engineer
Job Description :

- Camp Installation.
- Working at wellheads.
- Instrumentation cables laying (instrument, F&G, telecom and fiber optic cables).
- Installing junction boxes.
- Installing FAR with all equipment (Cable Trays, Cable Laying, Panels, Telecom F&G System).
- Installing CCR.
- Erection instrument devices using P&ID and mechanical Hook-up diagram.
- Erection Telecommunications and Fire & Gas Devices.
- Installing cable glands and terminations using electrical hook-up and wiring diagram.
- Inspection for cable laying and install devices inside filed.
- QC for all instrumentation, fire & gas and telecommunications which they work inside project.

Dates : From 2012 till 2013
Employer : Petrojet
Project : El Merk Pipelines, Sonatrak, Algeria
Job title : Instrumentation Engineer
Job Description :

- Installation Gas Substations.
- Installation Earthing System inside substation and field.
- Installation Electrical Equipment and termination.
- Lighting System and Termination.
- Installation Electrical Panel and cells.
- Installation Fire & Gas and Instrument Systems.
- Laying fiber optic cables and medium cables in the desert and supervision on joints and termination.
- Material Control.

Dates : From 2011 till 2012
Employer : Petrojet
Project : Rehabilitation and Install new F&G system, Alexandria Petroleum Company (APC), Egypt
Job title : Instrumentation Engineer
Job Description :

- Installation Fire and Gas Systems.
- Installation Instrument Systems.

Dates : From 2010 till 2011
Employer : Petrojet
Project : Burullus Project Phase VII, Rashbetco, Egypt
Job title : Telecom, F&G and Instrumentation Engineer

Job Description :

- Working in Telecommunication System.
- Cable Laying.
- Installation Instrument System.
- Termination Telecommunication Instrument and Junction Box.
- Loop check to all loops in field.
- Working in Fire and Gas Systems.
- Installation fire and gas instrument and termination at site and control room.
- Instrument System and Installation instrument at site.
- Handover certificates to the client.

Dates : From 2009 till 2010

Employer : Yokogawa

Project : July 10 Platform Rehabilitation, Gupco, Egypt

Job title : F&G Engineer

Job Description :

- Loop check to all loops in field.
- Loop Drawing.
- Medium Range Open Path.
- Optima Plus Point Gas Detector.
- TYCO Smoke Detector & Heat Detector.
- Power Infra-Red Oil Mist/Smoke Detector.
- DRÄGER Flame 1300: Explosion Proof IR Flame Detector for Hydrocarbon based fires.
- Flame Detector.
- POLYTRON Pulsar Duct-Mount Gas Detector.

Dates : From 2008 till 2009

Employer : ENPPI

Project : July 10 Platform Rehabilitation, Gupco, Egypt

Job title : Instrumentation Engineer

Job Description :

- Rehabilitation and install new control room to the platform.
- Assist the Site Project schedule in verifying and updating the construction details.
- Installation of electrical equipment room (EER) and installation all scheduled cables, Glands & Termination.
- Loop check to all loops in field.
- Pre-commissioning and Commissioning.
- Platform Startup.
- Reporting to Electrical commissioning manager for status of works.
- Setup good safety practices and client requirements for maintaining workers safe (have performing authority (PA) from GUPCO).
- Installing instrumentation devices:
 - Pressure Switches (PSH, PSHH, PSL, PSLL).
 - Transmittal Pressure Switch and Level Switch.
 - Valves (Shut Down Valve & Blow Down Valve).
 - Level Switches.
 - Solenoid Valve.
 - Limit Switch Boxes.

- Field of experience :**
- High knowledge in all types of cables laid in the site (power, instrument, fire & gas, telecommunication).
 - Working on the resistance insulation test (Megger for LV cables).
 - Review termination for instrument cables.
 - Review installation of instruments during construction phase.
 - Review installation of impulse line & pneumatic air as per hookup & P&ID.
 - Supervision leak test for tubing as per data sheet.
 - Calibration for all instruments included smart & field bus transmitters, detection system, control valve, On-Off valves, switches, dial gauges, analyzers, fire & gas Access and Telecommunication systems as per calibration & testing procedures then prepare calibration certificate for each device.
 - Familiar with Hart communicator, hand pumps, current injector, pressure calibrator & multi calibrator, field bus monitor.
 - Perform loop checking for instruments as per ILD, data sheet & fill the loop folder related to each loop.
 - Perform loop checks and Cause & Effect test for field instruments, control valves and fire & gas system.
 - Identify all the errors & Faults for all type of instrument devices Control loops and field and at Control Building during the loop check, start-up and operation phase.
 - Troubleshooting according to operation and maintenance manuals.
 - Familiar with ICCS system SIS & PAS.
 - Work scheduling, planning & prioritizing of instruments Construction / Pre-Commissioning activities using Primavera (P6).
 - Reviewing of instruments drawings such as P&ID, layout, hook ups, cable schedules, data sheet, instruments loop drawings.
 - Prepare & update databases for all instrumentation works, prepare periodic reports & attend different meetings.
 - Electrical & Instruments Punch List coordinator, attending the final walk down & responsible for clearing all punch list categories to achieve MC & RFC.
 - Arrange vendor mobilization for packages as per project schedule aligned with mechanical completion's dates for each sub-system.
 - Review red markup drawings & apply the modification (As-Built).
 - Troubleshooting for all defective devices.
 - Identify and verify system and sub-system limits of handover for all instrument activities.
 - Instruments punch list coordinator, assisting in the walk downs & responsible for clearing all punch list items.
 - Attending the walk downs with the contractor & Responsible for getting the site installation acceptance from the contractor.
 - Responsible for material control for all types of instrument & bulk materials.
 - Responsible for issue the SIR new arrived materials.
 - Follow up material control for all types of instrument & bulk materials.