

Holds a B. Sc. in Electrical Engineering and has over 9 years hands-on experience working in instrumentation field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 27/07/1988
Gender : Male
Marital Status : Married
Residence : Kafr El-Sheikh

EDUCATION

: B. Sc. in Electrical Engineering, Benha University, 2010

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

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

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Nov. 2016 till now
Employer : GS Engineering & Construction
Project : Egyptian Refining Company (Mostorod - Cairo)
Job title : Instrumentation Field Engineer
Job Description :

- Perform highest quality maintenance work in accordance to written Procedures/systems.
- Perform maintenance for some special instruments like bubbler level, ultrasonic flow meters, magnetic flow meters and vortices flow meters.
- Participate in gamma ray level transmitters and ultrasonic flow meters calibration.
- Perform function test for Bentley Nevada vibration probe by TK-3 and function generator.
- Perform Commissioning (Function test) of various Field Instrument such as Pressure Transmitter, Temperature Transmitter, Level (DP, Radar), Flow (DP, coriolis, vortex, magnetic & Ultrasonic), Vibration Transmitter (accelerometer, velocity & displacement), Fire and Gas (HGD, FGD &

- TGD), Control Valve, Shut Down Valve and Blow Down Valve.
- Performed Cause and Effect Test to ensure all F&G logic, DCS logic and ESD logic are well function before turn-over to the client.
 - Able to use Control System Engineering including IO database, Logic diagram, Control Narrative, system vendor drawings, interface with packages and other departments related to system.
 - Participate in Loop Checking For All Instrument Loops (ESD, Fire and Gas, DCS).
 - Experience in control valves, ON/OFF valves and MOV calibration and repair.
 - Knowledge in ESD / DCS / PLC system and packages LCPs / UCPs.
 - Knowledge in field and F&G instruments calibrations.
 - Knowledge of latest technologies available for field instruments and Control Systems.
 - Perform regular preventive maintenance and solve problem related to electrical, Instrumentation and controls.
 - Participate in Packages instrumentation commissioning, loop checking, calibration and punch point clearance.
 - Participate in instrumentation function test for the following Packages:
 - Recycle gas compressors by ELLIOTT EBARA GROUP.
 - Steam boiler packages by BAB-HITACHI INDUSTRIAL CO.
 - Feed heaters package by JNK HEATERS CO.
 - Flare System package by G.B.A Engineering & Construction.
 - Instrument air compressors by SAMSUNG TECHWIN CO.
 - Logic testing work as per company procedure.
 - Vibration, Pressure, flow, level, temperature field instrumentation I&C and Cause and effect testing work.
 - Support Commissioning Lead with all interfaces between electrical, instrument and control systems.
 - Possess good troubleshooting skills, knowledge on electrical equipment, System failures and MV electrical systems.
 - Very familiar with electrical power distribution panels, transformers, MCC and power feeders panels.
 - Fire & Gas system (building and field) calibration.
 - Perform all appropriate documentation as required.
 - Dealing with different contractor for instruments project execution.

Dates : From Nov. 2011 till Jul. 2015

Employer : Engineering Organization for Egyptian Military

Project : Asphalt Mixer Plants construction

Job title : Instrumentation Engineer

Job Description :

- Supervision for the plant E&I construction, calibration, loop test and function test.
- Supervision for Commissioning of the plant's instrumentation and electrical equipment.
- Responsible for Calibration and Functional Checks of all types of Smart Instruments, Sensors and Final Control Elements.
- Responsible for Maintenance of all field instruments and equipment.
- Perform preventive maintenance and calibration to ensure accuracy of

instrumentation consistent with the preventative maintenance procedures.

- Electrical responsibilities like check and problems troubleshooting for:
 - MCC Drawers.
 - Adjustable Speed Drives.
 - Protective Relays.
 - Heating equipment.
 - Low Voltage and MCC panels.
 - 33KV switch gears.
 - Medium Voltage Motors.

- Dates** : From Jul. 2010 till Apr. 2011
- Employer** : Plast Mac Company
- Project** : Plastic Injection
- Job title** : E&I Maintenance Engineer
- Job Description** :
- Perform maintenance for the electrical equipment and instruments.
 - Carry out machine trouble-shooting/repair and critical equipment breakdown maintenance.
 - Responsible for Spare parts control.
 - Perform corrective and preventive maintenance and repair services.
 - Troubleshooting for power and control panels.
 - Maintenance for Temperature controlling panels.
 - Perform maintenance and troubleshooting for Electrical power distribution and MCC panels.
 - Perform maintenance for heaters problems.
- Field of experience** :
- Very good experience in Operation, Commissioning, Start-up Activities.
 - Perfect in Calibration for Most Famous Types of Pressure, Level, Flow, Temperature and Vibration Transmitters and Also Smoke, Gas and Flame Detectors.
 - Good experience in Troubleshooting, Maintenance and Operation of ESD and DCS Systems.