

Holds a B. Sc. in Electronics & Communications Engineering and has over 13 years hands-on experience working in I&C field.

PERSONAL DATA

Nationality : Egyptian
Birth Year : 1984
Gender : Male
Residence : Menoufia

EDUCATION

: B. Sc. in Electronics & Communications Engineering, Alexandria Higher Institute of Engineering and Technology, 2006

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD

TRAINING COURSES AND CERTIFICATIONS

- : Ex Certificate (BPEX01, BPEX02).
- : CMP Glanding Certificate.
- : Safety Regulations in WND Gas Development Project.
- : Advanced H2S Gas Course Level 2 - MAERSK (Expiry date: 3 Jun 20).
- : ACERT Technology & Power Generation / Load sharing (9/2013, ZAHID).
- : Pumps Operation, Selection, Troubleshooting and Maintenance (OGS).
- : Instrumentation and Control Diploma in OGS (3/2012):
 - Industrial Process Measurement.
 - Industrial final elements; Valves and Position Actuators.
 - Automation Control (PLC).
 - New Approaches in DCS, SCADA and Fieldbus.
 - Advanced process and sequential control strategies analysis and troubleshooting.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Sep. 2019 till now
Employer : Almagd Group
Project : Golden Oil for Extraction, Refinery and Bottling for Vegetables oils
Job title : Section Head – E/IC Engineer

Dates : From Apr. 2019 till Jul. 2019
Employer : Carlo Gavazzi
Project : West Nile Delta Gas Development Project
Job title : Instrument Commissioning Technician

Dates : From Aug. 2018 till Mar. 2019
Employer : TECHINT Engineering & Construction Co.
Project : South Helwan 3x650MW Supercritical Thermal Power Project
Job title : Senior I&C Engineer (Commissioning and Troubleshooter CP-118)

Dates : From Oct. 2017 till Aug. 2018
Employer : Target Engineering Co.
Project : Zohr Gas Development Project – EPF & Phase 1
Job title : Instrument Engineer (ATEX Inspection Assistant, Commissioning and Troubleshooter)

Dates : From Mar. 2013 till May 2017
Employer : Saudi Bin-Ladin Group
Projects :

- Haram Expansion Project
- Abraj Kudai Project

Job title : Maintenance E/C Engineer

Dates : From Oct. 2006 till Aug. 2012
Employer : Alexandria Institute of Engineering & Technology
Job title : Teaching Assistant Engineer (PLC/DCS Instructor)

Field of experience :

- Lead a team in installation, loop check, calibration, function test and commissioning of various types of process control instruments such as different types of transmitters, switches, gauges, On/Off valves, and control valves.
- Perform PM & CM maintenance activities with minimum resources.
- Maintenance and advanced troubleshooting of instruments, control valves & accessories, on/off valves & accessories, DCS systems, PLCs and Bentley Nevada systems.
- Deeply work experience in Invensys Foxboro Evo DCS hardware architecture, troubleshooting and maintenance, deeply knowledge about system from the field to TA Cards, Fieldbus modules, and controllers plus working on BlockSelect and Trends.
- Deeply work experience in Yokogawa CentumVP DCS hardware

architecture, troubleshooting and maintenance.

- Deeply work experience in Foundation Fieldbus modules, Segment check by FBT-6 Fieldbus Monitor and troubleshooting.
- Deeply knowledge about PRM Plant Resource Manager.
- Troubleshooting ESD system (Triconex PLC/SIS System) also realizing, and check Cause and Effect diagrams.
- Deeply knowledge and technical skills in instrument interlocks, ESD systems, and SIS instruments.
- Deeply knowledge about F&G System (Drager System) which is implemented in Zohr Gas Development Project. Configure and test H2S, HC and H2 Detectors, open path gas detectors, Flame detector, Thermo line detector, MCP and Deluge valves.
- Calibrate different transmitters and switches using its local display, Emerson HART communicator 475 or 375, GE Druck DPI 620, DPI 610 IS, mA Injectors, Multi-meter, and Multifunction instrument.
- Perform calibration and configuration on different types of level transmitters, as DP, Displacer, GWR, Capacitive, Magnetostrictive, Non-contact Radar, and Bubbler level system.
- Perform calibration and configuration on different types of interface transmitters, as Displacer, GWR and Magnetostrictive.
- Perform calibration and configuration on different flow transmitters like DP (Orifice, Venturi tube, or V-Cone), Vortex, Corulios, Ultrasonic, Turbine, and Electromagnetic.
- Perform calibration and configuration on different types of temperature sensors transmitters, and switches.
- Calibrate and Repair different types of valves (Linear and Rotary), Actuators (Diaphragm, Spring and Return, Piston, and Motorized), positioners (Siemens, Flowserve, Fisher, and ABB), and different pneumatic components (Air Regulators, Boosters, Trip valves, Air lock, and Solenoids).
- Deeply work experience in hydraulic systems and components (TCVs, PCVs, Solenoids, Regulators and Converters).
- Adjust the vibration probes on rotary equipment with proximitors for Bentley Nevada monitoring system according to the accepted clearance to define alarm and trip setpoints.
- Performed hazardous area classification requirements in Zohr Development Project as ATEX Inspection Assistant Inspecting for punches according to ATEX regulations and instructions in oil and gas fields, then reporting and rectifying it.
- Repair and Design Classic or PLC control system by Siemens S7 300/400 using SIMATIC Manager or TIA Portal into LAD programming.
- Working and troubleshooting in Supercritical Power Plants, Gas/Steam Turbine, Gas processing Trains, Oil Stabilization, and SRU.
- Deeply work experience in Ingersoll Rand air compressors system.
- Deeply work experience in Siemens Gas/Steam Turbine system.
- Deeply work experience in motorized valves as Rotork, Auma, and Bernard controls.
- Skills:
 - Commissioning and Maintenance.
 - Oil and Gas Safety Regulations.
 - ATEX Inspection.

- Gas/Steam turbines.
- Centrifugal Air Compressors.
- Invensys Foxboro Evo DCS.
- Bentley Nevada 3500 VMS.
- HART, ValveLink.
- Calibration.
- Special valves maintenance.
- Level transmitters.
- Classic Control, PLC/DCS.
- Hydraulics, Pneumatics.
- STEP7 Professional, TIA Portal.
- Foundation Fieldbus, ProfiBus DB.