

Holds a B. Sc. in Communications & Electronics Engineering and has about 17 years experience working in developing, installing, managing and maintaining equipment which is used to monitor and control engineering systems, machinery and processes including instruments and control valves using DCS (HIMA, HONEYWELL AND ABB 800 XA). Supervising AUTOMATION for GE BH compressors, steam turbine and thermal power plants, hydrogen generation plant and centac Ingersoll rand air compressor, PLC and SCADA SYSTEMS.

PERSONAL DATA

Nationality : Egyptian
Gender : Male
Residence : Alexandria

EDUCATION

: B. Sc. in Communications & Electronics Engineering, Alexandria University, 2005

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

: Petroleum Ministry: Instrumentation and Automaton Diploma.
: Automatic Control by using (PLC).
: Instrument and Control Maintenance.
: Shut off and control valves.
: Inspection of installation and related tests.
: Vibration analysis principles.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jun. 2023 till now
Employer : Technip Energies
Project : Midor Refinery Expansion Project

Job title : I&C Commissioning & Automation Engineer

Job Description :

- Pre-commissioning, commissioning, Function test & Start-up of instruments and control system of the plant, supervise all Technical, Construction and Commissioning of Instruments procedures, Supervise GE BH compressor, Supervise the ICSS HIMA & HONEYWELL control, system simulations & modifications (Hardware & Software), Fieldbus, Modbus, Ethernet.
- Commissioning with control narrative of process and Cause & Effects.
- Support maintenance team during start up production.
- Interpret PID, instrument list, I/O list, specifications, hook-up drawings, loop drawings, junction wiring drawings, cable schedules, logic diagrams, cause, and effect diagrams, vendors' datasheets, etc.
- Oversee and ensure the instrument installation works done are as per specifications.

Dates : From 2013 till 2023

Employer : WDEPC

Project : New Abu Qir Steam Power Plant 2x650MW

Job title : I&C Maintenance Engineer

Job Description :

- Instrument calibration, Field troubleshooting and fire alarm system maintenance, monitor and control engineering systems, machinery and processes using (DCS ABB 800 XA), PLC, SCADA and carry out preventive and planned maintenance for instruments pressure transmitter, differential pressure transmitter, flow transmitter (coriolis, ultrasonic and vortex), level transmitter (radar, DPT).
- Maintenance and troubleshooting pneumatic and hydraulic control valves, Maintenance motorized valves Auma & solenoid valve.
- Maintenance vibration and monitoring system as Bentley Nevada.
- Diagnostic and troubleshooting DCS problems.
- Maintenance for hydrogen generation plant, centac Ingersoll rand air compressor, Turbine control systems Woodward W505 for governor controls.

Dates : From 2011 till 2013

Employer : WDEPC

Project : New Abu Qir Steam Power Plant 2x650MW

Job title : I&C Commissioning Field Engineer

Job Description :

- Instrument installation & calibration & commissioning, loop testing, system installation, inspection, fire alarm system inspection, Installation and Commissioning for pneumatic and hydraulic control valve, Commissioning for motorize valves (Auma & solenoid valves).
- Commissioning vibration and monitoring system as Bentley Nevada.
- Completion and Commissioning DCS cabinets, station and control console.
- Familiar with (ABB 800iA) system.
- Revising and test automation and control logic.
- Commissioning for hydrogen generation plant, centac Ingersoll rand air compressor, Turbine control systems Woodward W505 for governor controls.

Dates : From 2009 till 2011
Employer : Egyptian Styrenics Production Co. (E-STYRENICS), Alex
Job title : Construction & Site Engineer
Job Description :

- Cables Laying & testing at trenches and trays.
- Completion instrument rack installation, instrument tube and wiring termination.
- Instrument installation, loop testing, system installation.

Dates : From 2007 till 2009
Employer : GASCO
Project : Western Desert Gas Complex
Job title : Construction & Site Engineer
Job Description :

- Cables Laying & testing at trenches and trays.
- Completion instrument rack installation, instrument tube and wiring termination.
- Instrument installation, loop testing, system installation.