

Holds a Technical Diploma and has over 14 years hands-on experience working as I&C Technician.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 24/08/1980
Gender : Male
Marital Status : Married
Residence : Qalubia

EDUCATION

: Technical Diploma from Shoubra El-Kheima Industrial School section Repair and Maintenance of Electrical Equipment, 1994-1997

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : "Digital Electronics Basics" in Shoubra El-Kheima Power Plant.
- : "Power Plant Basics" in Shoubra El-Kheima Power Plant.
- : "Steam Turbine Maintenance" in Shoubra El-Kheima Power Plant.
- : "Units Emergency Shut Down and Troubleshooting" in Shoubra El-Kheima Steam Power Plant.
- : "Programmable Logic Controller (PLC)" in Shoubra El-Kheima Steam Power Plant.
- : "Boiler Maintenance" in Shoubra El-Kheima Steam Power Plant.
- : "Operation of the Power Plant on Hot and Cold Condition" in Shoubra El-Kheima Steam Power Plant.
- : "Control and On/Off Valve's" in SAMSON Company.
- : Training course in (HIMA) HIMAX ESD system in COMAX.
- : Safety Training Course in Shoubra El-Kheima Steam Power Plant.
- : Safety Training Course in E-Methanex Petrochemical Company (Area Classification and Safety Requirement).
- : Safety Training Course in EHC (Egyptian Hydrocarbon Corporation).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jan. 2017 till now
Employer : SIEMENS Co.
Job Description :

- As owner from SIEMENS & EEHC as a Senior Instrument and Control Technician.
- Basic Power Plant Training ("Gas Turbine", "Steam Turbine" and "Condensate Polishing Plant").
- Component Specific of Power Plant Training.
- Power Plant Maintenance Basics Training.
- Controlling of Power Plant Training.
- How to Design new DCS System and Troubleshooting of the problems in DCS Control Systems in Power Plants Training.

Dates : From Nov. 2015 till Dec. 2016
Employer : ETHYDCO Co.
Job Description :

- Subcontract from Toyo & ENPPI as a Senior Instrument and Control Technician and assisted in Commissioning of Ethylene Plant.
- Worked in instrumentation troubleshooting for Commissioning problems and instrumentation functional tests on the field.
- Performed functional testing, initial Start-up and verification of control applications.
- Assisted with verification of Start-up Reports and other documentation.

Dates : From Aug. 2015 till Oct. 2015
Project : El-Hraria Power Station (Suez)
Job Description :

- Subcontract from Alstom Power as a Senior Instrument and Control Technician and assisted in Calibration of Power Station.
- Worked in instrumentation laboratory to calibrate different types of Transmitters, Control Valves, Shutoff Valves, Motorize Valves and different types of switches.
- Make all documentation works and certificates for each calibration process.

Dates : From Nov. 2013 till Aug. 2015
Employer : Egyptian Hydrocarbon Co.
Job Description :

- As owner as a Senior Instrument and Control Technician and assisted in Commissioning of Ammonium Nitrate Plant.
- Worked in instrumentation troubleshooting for Commissioning problems and instrumentation functional tests on the field.
- Performed functional testing, initial Start-up and verification of control applications. Assisted with verification of Startup Reports and other documentation.
- Worked as a plant operation and maintenance personnel "Senior Instrument Technician".

Dates : From Jan. 2011 till Nov. 2013
Employer : E-METHANEX Co.

Job Description :

- As Subcontract from Petroment as a Senior Instrument and Control Technician in Methanol Plant.
- Worked in instrumentation troubleshooting for problems and instrumentation functional tests on the field.
- Performed functional testing and verification of control applications. Assisted with verification of Start-up Reports and other documentation.
- Worked as a plant operation and maintenance personnel "Senior Instrument Technician".

Dates : From Aug. 2009 till Jan. 2011

Employer : Poly Propylene Co. "EPP"

Job Description :

- Work in XERVON Co. as a Subcontract from Uhde Co. as a Senior Instrument and Control Technician and assisted in Commissioning of Propylene Plant.
- Worked in instrumentation loop check, functional tests and troubleshooting on the field.
- Performed loop checks, functional testing, initial Start-up and verification of control applications. Assisted with verification of Start-up Reports and other documentation.
- Make all documentation works

Dates : From Jan. 2006 till Aug. 2009

Project : Shoubra El-Kheima Power Station

Job Description :

- Work in ECEI Co. as a Subcontract from SIMENIS Co. as a Senior Instrument and Control Technician in Power Station Plant.
- Develop for control system from PLC to DCS system and pneumatic instruments to smart positioner and change all transmitters to HART Protocol.
- Loop check and function test for all control loops after modification.
- Commissioning and start-up for main boiler, boiler feed water and turbine.

Dates : From Feb. 2003 till Jan. 2006

Project : Shoubra El-Kheima Power Station

Job Description :

- As Employer in Ministry of Electricity as Operation Technician.
- Follow up operation process; take readings for "pressure, temperature, flow, level".
- Isolate Drums, Dirators, Heat Exchangers, pumps and vessels and put in service back.
- Follow up all maintenance works during shift.

Field of experience :

- Instrumentation Calibration and Installation such as Flow, Level, Pressure, PDT, Vibration, Weight Cells and Temperature (Thermo Couples and RTD) Transmitter, Switches and Indicators. Gas, Heat, flame and smoke Detectors in firefighting Systems. Motor Operated (MOV), Control, On/Off Valves.
- Instrumentation Calibration for variety of Analyzers "PH, Conductivity and Oxygen".
- Calibration of Instrument (at Field or On Lab.) and Troubleshooting.
- Communicate to any instrument by ("Hart" with hart hand held

communicator).

- Modification of Wires Work in Control Panels and Control Valve Orientation Change.
- Control valve and on/off valves Maintenance.
- Fire and Gas Troubleshooting and Maintenance (Conventional and Addressable systems).
- Inspection, Calibration, Loop Test, Function Test and Commissioning.
- DCS and PLC Cards Installation and Changing.
- Cable Laying of Power, Control Signal and System Cables "Glanding and Termination".
- Installation of PLC, DCS and Marshalling Cabinets.
- Instrument Air Tubing and Fittings Work.
- Tracking signals problems beginning from the instrument at the field to junction box and then to Marshalling cabinets and then to the input and output cards and then to the controller.
- Follow up the functions test in terms of logic.
- Check readings and signals through the HMI or PDM in engineering unit.
- Able to reading and understanding wiring, layout, P&ID, loop, logic and causes and effects diagrams.