

Holds an Industrial Diploma and has about 16 years hands-on experience working as I&C Technician at several Power Plants and other industrial projects.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 03/05/1985
Gender : Male
Marital Status : Married
Residence : Shoubra El-Kheima

EDUCATION

: Diploma from Institute of Technical Industrial Production Technology (I&C systems) (5 years)

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

: "Digital Electronics Basics" in Cairo North Power Plant.
: Power Plant Basics.
: Steam Turbine Maintenance.
: Units Emergency Shut Down and Troubleshooting.
: Programmable Logic Controller (PLC) (one month) in Germany.
: Boiler Maintenance.
: Operation of the Power Plant on H&C Condition.
: "Control and On/Off Valves" in SAMSON Company.
: Training course in (HIMA) HIMAX ESD system in COMAX.
: Safety Training Course in all projects.
: RISK ASSESSMENT COURSE FROM (OGS) SKILLS.
: EX EQUIPMENT COURSE FROM (OGS) SKILLS.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Dec. 2019 till now
Employer : DOOSAN
Project : El Shoeba Power Station, KSA (Shutdown Plant)
Job title : I&C Foreman
Job Description :

- Calibration for instrument devices.
- Performed functional testing and verification of control applications.
- Work for instrument commissioning and start-up work for all units.
- Work in instrumentation troubleshooting for problems and instrumentation functional tests.

Dates : From Nov. 2018 till Nov. 2019
Employer : BP
Project : WEST NILE DELTA (Reven, Giza - Fayoum) fields
Job title : Senior I&C Technician
Job Description :

- Worked in instrumentation troubleshooting for problems and instrumentation functional tests on the field on fieldbus and HART.
- Performed functional testing and verification of control applications. Assist with verification of Start-up Reports and other documentation.
- Worked as a plant operation and maintenance personnel (Senior Instrument Technician).

Dates : From Oct. 2017 till Nov. 2018
Employer : GS E&C
Project : EGYPTIAN REFINING COMPANY
Job title : Supervisor I&C Technician
Job Description :

- Worked in instrumentation troubleshooting for problems and instrumentation functional tests.
- 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 Dec. 2016 till Oct. 2017
Employer : SIEMENS
Project : New Capital Power Station
Job title : I&C Technician
Job Description :

- 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 (one month) in Germany.

Dates : From Oct. 2016 till Dec. 2016
Employer : Burullus Gas Company
Project : Libra and Taurus extensions on Burullus Gas Company
Job title : I&C Technician
Job Description :

- Worked in instrumentation troubleshooting for problems and Loop check and instrumentation functional tests on the field.
- Performed function test and verification of control applications. Assisted with verification of Start-up Reports and other documentation.
- Worked as a plant operation and maintenance and receive, follow construction activity.

Dates : From Aug. 2016 till Oct. 2016
Employer : E-METHANEX Co. (Shutdown plant)
Project : Methanol Plant
Job title : I&C Technician
Job Description :

- Worked in instrumentation troubleshooting for problems and instrumentation functional tests.
- 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 Jun. 2016 till Aug. 2016
Employer : Poly Propylene Co. "EPP" (Shutdown plant)
Job Description :

- Work in Petroment as I&C Technician and assisted in Commissioning of Poly Propylene Plant.
- Worked in instrumentation and troubleshooting on the field.
- Performed loop checks, functional testing, initial Start-up and verification of control applications.

Dates : From Jan. 2016 till Jun. 2016
Employer : Ansaldo Caldaie
Project : El-Hraria Power Station, Suez
Job title : Senior I&C Technician
Job Description :

- 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. 2015 till Jan. 2016
Employer : GE
Job title : I&C Technician
Job Description :

- Assisted in Commissioning of Port Said Power Plant 2 turbines LM6000-PF-PC- 55MW GE.
- 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.
- Worked as a plant operation and maintenance.

Dates : From Aug. 2015 till Jan. 2016
Employer : ALSTOM
Project : El Shoeba / Saudi Arabia Power Station (Shutdown plant)
Job title : I&C Technician
Job Description :

- Worked in instrumentation troubleshooting for problems and instrumentation functional tests.
- Performed functional testing and verification of control applications.
- Worked as a plant operation and maintenance.

Dates : From Sep. 2015 till Nov. 2015
Employer : GE
Job title : I&C Technician
Job Description :

- Assisted in Commissioning of Sharm El-Sheikh 6 turbines LM6000-PF-PC- 55MW GE.
- 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.
- Worked as a plant operation and maintenance.

Dates : From Jul. 2015 till Sep. 2015
Employer : GE
Job title : I&C Technician
Job Description :

- Assisted in Commissioning of Hurghada 6 turbines LM6000-PF-PC-55MW GE.
- 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.
- Worked as a plant operation and maintenance.

Dates : From Sep. 2013 till Jul. 2015
Employer : Egyptians Hydrocarbon Co.
Job title : Instrument Technician
Job Description :

- Assisted in Commissioning of UHDE Co. on 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.

Dates : Aug./Sep. 2013
Employer : E-METHANEX Co. (Shutdown plant)

Project : Methanol Plant
Job title : I&C Technician
Job Description :

- Worked in instrumentation troubleshooting for problems and instrumentation functional tests.
- 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.

Dates : Jul./Aug. 2013
Employer : SUMID Co. (Shutdown plant)
Project : Main gas compression on SUMID plant
Job title : I&C Technician
Job Description :

- Worked in instrumentation troubleshooting for problems and instrumentation functional tests.
- Performed functional testing and verification of control applications.
- Worked as a plant operation and maintenance.

Dates : From May 2013 till Jul. 2013
Employer : Pharaonic Petroleum Company (Shutdown plant)
Project : Main gas compression on Pharaonic Petroleum Company
Job title : I&C Technician
Job Description :

- Worked in instrumentation troubleshooting for problems and instrumentation functional tests.
- 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.

Dates : From Nov. 2011 till Apr. 2012
Employer : E-METHANEX Co. (Shutdown plant)
Project : Methanol Plant
Job title : I&C Technician
Job Description :

- Worked in instrumentation troubleshooting for problems and instrumentation functional tests.
- Performed functional testing and verification of control applications.
- Worked as a plant operation and maintenance.

Dates : From May 2011 till Nov. 2011
Employer : Poly Propylene Co. "EPP" (Shutdown plant)
Job title : I&C Technician
Job Description :

- Assisted in Commissioning of Propylene Plant.
- Worked in instrumentation and troubleshooting on the field.
- Performed loop checks, function test, initial Start-up and verification of control application.
- Make all documentation works.

Dates : From Sep. 2010 till May 2011
Employer : TECHINT

Project : Cairo North Power Station (upgrade for gas turbine)
Job title : I&C Technician
Job Description :

- Worked in instrumentation troubleshooting for problems and instr. function tests.
- Performed functional testing and verification of control applications.
- Worked as a plant operation and maintenance personnel.

Dates : From Jan. 2010 till Sep. 2010
Employer : MOPCO Fertilizer Co.
Job title : Instrument Technician
Job Description :

- Assisted in Commissioning of UHDE Co. on Ammonium & Urea 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.

Dates : From Jan. 2007 till Dec. 2009
Employer : ECEI Co.
Project : Shoubra El-Kheima Power Plant
Job title : Senior I&C Technician
Job Description :

- 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. 2005 till now (FIXED)
Employer : Ministry of Electricity
Project : Cairo North Power Plant
Job title : Operation Technician
Job Description :

- Follow up operation process; take readings for "pressure, temperature, flow, level".
- Isolate Drums, Dirators, Heat Exchangers, pumps and vessels and but 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 Conting 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.
- MAINTENANCE, TROUBLE SHOOTING
- FUNCTION TEST, COMMISSIONING, START-UP.