

Holds an Electrical Diploma and has about 18 years experience working as I&C Technician in several projects.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 03/10/1987
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

: Secondary School for Industries Diploma (Electrical Power), Alexandria, 2003

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 Valve's in SAMSUNG 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.
: Computer Maintenance – Abu Qir Training Center, Alexandria (2009):
Trained for two weeks in the basics of computer hardware maintenance.

- : Electrical Power Plant Operation – Abu Qir Training Center, Alexandria (2008): Trained for 1 month in the basics of electrical power plant operation, PLC and DCS control systems.
- : Electrical Basic Operations Training Course – Federation of Egyptian Industries (FEI) (2005): Trained under the National Skill Standards program sponsored by The Federation of Egyptian Industries (FEI) in cooperation with The Social Fund of Development for 6 months in the basics of electrical operations, including PLC systems, automation and control, basics of mechanical operations. Certificate is internationally approved.
- : Montanans off Valves and pump's – Abu Qir Training Center, Alexandria (2012): Trained for two weeks about of Montanans off Valves and pump's.
- : PLC Training - Abu Qir Training Center, Alexandria (2013): Trained for two weeks about PLC.

CHRONOLOGICAL EXPERIENCE RECORD

- Project** : Abu Qir Power Plant
- Job title** : I&C Maintenance Technician
- Job Description** :
- Responsible of maintenance, calibration and troubleshooting of site instrumentation for 4x150MW + 1x300MW steam units, in addition to 1x25MW gas turbine unit, including:
 - Regular and smart transmitters (Pressure, flow, level and temperature), manufactured by Honeywell, Yokogawa, Fisher, Rosemount.
 - Smart ultra-sonic and Radar transmitters.
 - Pneumatic, Control, On/Off, and Hydraulic valves.
 - Valve Positioners, I/P converters and smart valves.
 - Thermocouples (K-Type) and 2, 3 and 4-wire RTD's.
 - Pressure, Flow and level switches.
 - Thermo Switches.
 - All Gauges, Manometers, Thermometers and recorders.
 - Proximity Switches.
 - Turbine Measurements – Bentley Nevada System: Vibration, Axial displacement, Case Expansion, Key-phasor, Eccentricity and Seismic.
 - Familiar with the following calibration devices:
 - Hart Communicator 275, 375, 475.
 - Druck Dpi610.
 - Fluke 725, 787, etc...
 - Multifunction AVO meter and current/voltage source.
 - Participated in many overhauls that took place for plant units. Completely aware of instruments dismantling, maintenance, calibration and reassembly and erection.
 - Attended the commissioning and start-up of the Electro-Chlorination Production Station of 300MW unit during 8 months time. Performed installation of all station instruments and linkage with PLC system. Performed calibration of flow transmitters and smart control valves.
 - Attended an upgrade of the Water Treatment Station for the 4x150MW units. Performed all old instruments dismantling, all new instruments installation and testing.

Employer : BP (British Petroleum)
Project : West Nile Delta (WND)
Job title : Instrument Field Supervisor
Job Description :

- Commissioning and troubleshooting of ICSS system.
- Control narrative & cause and effect for PAS & SIS systems.
- Commissioning and start-up of solar GTG & Siemens GTG.
- Commissioning and start-up of Atlas Copco instrument air Compressor.

Employer : GE
Project : West Damietta Power Plant
Job title : Commissioning Supervisor
Job Description :

- Calibration & Installation for various instruments and technical experience about different type of Pressure, Level, Flow, Temperatureetc.
- Pre-commissioning and functional test of process loop by Interpretation of loop Drawing, Instrument cabling & terminations details.
- Commissioning tests for Pneumatic valves, Transmitter, Thermocouples and MOV such as Auma Actuators, Hora, Elfora ...etc.
- Manage the Electrical Testing using detailed knowledge of Principles and procedures on HV, MV, LV, Protection Systems, Switchgear, MCC's, Distribution Systems and electrical Equipment including the interface with the DCS and/or Turbine Control System (TCS) and Generator Control Panels.

Employer : Target Engineering (as a subcontractor of Eni), in ZOHR Gas Project in Port Said
Job title : Instrumentation Supervisor
Job Description : Worked 6 months in ZOHR Gas Project in Target Engineering Co., performed the following activities:

- Responsible for Monitor and Approval of field construction operations of all Instrumentation done by Petrojet.
- Perform Commissioning (Loop check and function test) for Instruments, Control Valves and ON/OFF Valves including testing Through DCS Foxboro.
- Calibrate HART Instruments and Valves Positioners.
- Support Petrobel Operation at start-up and during operation regarding the instrumentation maintenance and troubleshooting.

Employer : Petrofac Co., in Heavy Oil Project in Kuwait
Job title : Instrumentation Calibration Lab Supervisor
Job Description : Worked 6 months in Heavy Oil project in Kuwait as Petrofac Instrument Lab Supervisor, performed the following activities:

- Study the instrumentation data sheets in order to get instruments data (Calibration Ranges/ Span...etc.).
- Use the Instrumentation lab calibrators / equipment's to Perform Calibration of All Field transmitters (Pressure / differential pressure / Temperature transmitters) and to perform calibration of Field switches (Pressure/Flow/Level switches).
- Use the Lab test bed to Calibrate pneumatic regulatory control Valves and to check the stocking of pneumatic ON/OFF Valves.

- Issue Calibration Certificates for instrumentation after perform the calibration.

Employer : EMC Co., in Burulus Gas Co. (Libra and Taurus Field) in Edku
Job title : Commissioning Supervisor
Job Description :

- Worked 6 months in construction and loop check and commissioning and start-up for all the Instrumentation devices such as valves and transmitters.
- Responsible for Monitor and Approval of field construction operations of all Electrical and Instrumentation done by Enppi.
- Perform Commissioning for Instruments, Control Valves and ON/OFF Valves including testing Through DCS Yokogawa.
- Calibrate Fieldbus foundation Instruments and Valves Positioners, Calibrate Control Valves with Metso Positioner.
- Use the Fieldbus Handheld communicator to Calibrate/check Fieldbus Transmitters and Control Valves.

Employer : Uhde, Xervon, in EHC Petrochemical Fertilizer (Suez)
Job title : Instrumentation Technician
Job Description : Worked in construction and loop check and commissioning and start-up for all the protection devices such as valves and transmitters.

Employer : BEMCO
Project : Ghazlan Power Plant in KSA
Job title : Instrumentation Technician
Job Description : Worked for 6 months in overhaul shutdown. Performed all instruments and calibration and reassembly of valves control and on/off.

Employer : Petroleum Maintenance Company Petromaint (EFC – Suez)
Job title : Instrumentation Technician
Job Description : Worked for 1 month in overhaul shutdown. Performed all instruments and calibration and reassembly of valves control and on/off.

Employer : Ansaldo Caldaie, Mega Company sub-contractor from Ansaldo in Abu Qir Thermal Plant 650MW (Alexandria)
Job title : Instrumentation Technician
Job Description : Worked in loop check, commissioning and start-up for the boiler instruments and Auxiliaries such as valves motors, transmitters and thermocouples.

Employer : Uhde, Xervon, in MOPCO Fertilizer (Damietta)
Job title : Instrumentation Technician
Job Description : Worked in construction and loop check and commissioning and start-up for all the protection devices such as valves and transmitters.

Employer : Egyptian Maintenance Company (LNG – IDKU)
Job title : Instrumentation Technician
Job Description : Worked for 15 days in overhaul shutdown. Performed all instruments dismantling and calibration and reassembly.

Employer : Egyptian Maintenance Company (LNG – IDKU)
Job title : Instrumentation Technician
Job Description : Worked for 10 days in overhaul shutdown. Performed all instruments dismantling and calibration and reassembly.

Employer : Egyptian Maintenance Company (Petrobel – Port Said Fields)
Job title : Instrumentation Technician
Job Description : Worked for 2 weeks in overhaul shutdown. Performed all instruments dismantling and calibration and reassembly.

Employer : Egyptian Maintenance Company (Petrobel – Abu Mady Fields – Mansoura)
Job title : Instrumentation Technician
Job Description : Worked for one month in overhaul shutdown. Performed all instruments dismantling and calibration and reassembly.

Employer : Egyptian Maintenance Company (LNG – Damietta)
Job title : Instrumentation Technician
Job Description : Worked for a month in overhaul shutdown. Performed all instruments dismantling and calibration and reassembly.

Employer : Petroleum Maintenance Company Petromaint (EFC – Suez)
Job title : Instrumentation Technician
Job Description : Worked for 3 weeks in overhaul shutdown. Performed all instruments dismantling and calibration and reassembly.

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 (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, Maintenance.
- 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.
- Function Test, Commissioning Start-up.