

Has over 6 years hands-on experience working as I&C Technician at several Power Plants.

PERSONAL DATA

Nationality : Egyptian
Gender : Male
Marital Status : Married
Residence : Banha

EDUCATION

: Faculty of Education (English department), Al-Azhar University, 2012

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

: Windows, MS Office, Internet

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Nov. 2017 till now
Employer : Orascom with General Electric
Project : Assiut Combined Cycle Power Plant (8 DOSAN HRSG, 2x250MW STG GE)
Job title : I&C Commissioning Technician
Job Description :

- Working as a I&C Commissioning Technician for Commissioning, Start-up & Testing of 2x250MW STG GE Combined Cycle Power Plant.
- Involve in the Performance Testing & Reliability Run for ST.
- I&C commissioning (loop check, function test, test, ...).
- Field instrument troubleshooting & calibration (MOV, CV, sensors, transmitters).
- Assisted higher classified personnel in the installation, testing, calibration, troubleshooting, adjustment and maintenance of all types of instrumentation and control circuits and devices used in the plant.
- Supported operation, maintenance, and upgrades of on-site steam generation facility.
- Tuning of process control loops and machine control systems.
- Used hand or power tools, measuring, and test equipment such as rulers, micrometers and bench test equipment.

- Hand held Experience on Hart 375/475.
- Hand held Experience on Fluke Multifunction.
- Testing and commissioning activities.
- Performing of various maintenance activities on instrumentation and control system.
- Involve in troubleshooting of process field instrumentation and automation faults, logic interlocks.
- Loop checking / loop testing / functional and matrix testing to instruments such as pressure / temperature / flow transmitters / switches.
- Field instrument installation based on instrument location plan and Piping instrument diagram (P & ID).
- Termination and installation of level switch on.
- Termination and installation of vibration probe in steam turbine.
- Wire checking and continuity checking from instrument junction box to control panel.
- On site validation / calibration PT, FT, LT and TT.
- 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.

Dates : From Oct. 2016 till Nov. 2017
Employer : PSP ELSWEEDY
Project : Beni Suef Power Plant (4x1200MW CCGT) (8 SIEMENS SGT5-8000H Gas Turbines, 8 NEM HRSG, 4 SIEMENS SST5-5000 Steam Turbines)
Job title : I&C Commissioning Technician
Job Description :

- Calibration of pneumatic control valves and part turn actuated valves.
- Calibration of different analyzers: Conductivity, Chlorine, PH, SDI, Redox, Tu.
- Pneumatic, Control, On/Off and Hydraulic valves rbdity, TDS.
- Calibration of flowmeters (electromagnetic, orifice plate, variable area, ultrasonic.....).
- Maintenance and calibration of transmitters PT, LT, TT, DPT and vibration monitoring transducers.
- Troubleshooting the dosing pumps.

Dates : From Sep. 2015 till Sep. 2016
Employer : PSP ELSWEEDY for Hyundai Heavy Industries
Project : Jeddah Thermal Power Plant 4x720MW, KSA
Job title : I&C Construction & Commissioning Technician
Job Description :

- I&C commissioning (loop check, function test, test, ...).
- Field instrument troubleshooting & calibration (MOV, CV, sensors, transmitters).
- Loop checking / loop testing / functional and matrix testing to instruments such as pressure / temperature / flow transmitters / switches.
- Field instrument installation based on instrument location plan and Piping instrument diagram (P & ID).

- Termination and installation of level switch on.
- Termination and installation of vibration probe in steam turbine.
- Wire checking and continuity checking from instrument junction box to control panel.

Dates : From Aug. 2013 till Jul. 2015
Employer : PSP ELSWEEDY
Project : Giza North 3x750MW CCPP
Job title : I&C Construction & Commissioning Technician
Job Description :

- U.P.S systems & networks - security Cameras.
- Sound System - Lighting systems - Power Networks.
- Telephone systems & central - Fire Alarm.
- Air conditioning systems - Video conference - Data Network.
- Test and start-up of Electrical motors & pumps.