

Holds a B. Sc. in Electrical Communication Engineering and has more than 10 years hands-on experience working in I&C field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 08/09/1983
Gender : Male
Residence : Currently Kuwait

EDUCATION

: B. Sc. in Electrical Communication Engineering, Alexandria University, 2005

LANGUAGES

Arabic : Native Language
English : Fluent
French : Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: AutoCAD, Photoshop
: HP UNIX
: MS DOS

TRAINING COURSES AND CERTIFICATIONS

: PLC Siemens Simatic STEP7 training by Siemens Germany.
: PLC Allen Bradley training by Rockwell Automation.
: DCS GE "MARK VI" training course.
: DCS DIASYS Netmation training by Mitsubishi.
: DCS ABB SYMPHONY training by ABB.
: Vibration (Bentley Nevada 3500) training by GE.
: Gas compressor ATLAS COPCO training by ATLAS COPCO.
: Diverter damper training by PARKER.
: HRSG (NEM) training by NEM.
: Air Compressors (COMP AIR) training by COMP AIR.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jun. 2013 till now
Employer : Kharafi National – Kuwait
Project : Sulaibya Waste Water Treatment Expansion Project
Job title : Senior I&C Engineer
Job Description :

- Installation for all ultrasonic levels, flow meters for inlet structure.
- Installation for flow meters(electromagnetic) for inlet flow measurement.
- Installation for level difference, H2S transmitters for Screening buildings.
- Installation for level transmitters, pressure transmitters for sand and grease, buffer tanks.
- Installation for level transmitters for inlet flow measurement.
- Installation for flow meters (electromagnetic), pressure indicators for RAS/SAS pumping units.
- Installation for level transmitters for secondary clarifiers.
- Installation for pressure indicators, level transmitters for scum pumping.
- Installation for turbidity, PH, NH4, CL, PO4 analyzers for sampling measurement unit.
- Installation for Flow meter, level transmitter, O2 analyzers for aerobic digesters.
- Supervise for installation for GE UF/RO unit.
- Cable pulling according to cable schedule and wiring diagrams.
- Termination from instruments to junction boxes and from junction boxes to marshalling cabinets of VALMET SCADA.
- Coordination with SCADA vendor and verifying SCADA point to point signals.
- Loop check for all field instruments signals.
- Perform calibration for instruments.
- Organizing with commissioning team as required.
- Prepare day by day progress report for all activities.
- Coordinate with different departments and working manpower.
- Ensure commitment to company procedure for all related work.
- Perform and prepare all walk down with QC Team and Consultant.

Dates : From Jan. 2011 till May 2013
Employer : KHARAFI NATIONAL
Projects :

- West Damietta Power Plant Project (4x125MW GE 9E GAS TURBINES) (from Nov. 2011 till May 2013)
- Al-Shabab Power Plant Project (8x125MW GE 9E GAS TURBINES) (from Jan. 2011 till Nov. 2011)

Job title : I&C Engineer
Job Description :

- Work with P&I Diagrams, hook-up drawings, control diagrams, wiring diagrams.
- All construction & commissioning duties for instrumentation for GE Frame 9E Gas Turbines.
- Installation and start-up of control systems (Mark VIE).
- Construction activities for solar filtration system (ALFA LAVAL).
- Installation & commissioning for continuous emission monitoring system.

- Instruments calibration for water injection, gas module, water wash, air processing skids.
- Installation for turbine fire fighting sensors and horns.
- Installation for transformers fire fighting systems including fire pumps till testing and start-up of the system.
- Calibration for all field instruments.
- Installation & commissioning and connection of air filter instruments.
- Installation for gas module, water injection, turbine compartment, auxiliary compartment, air filter instruments.
- Installation & termination for BOP instruments.
- Installation for all tanks instruments.
- Installation and termination for all related field instruments (transmitters, switches, solenoids, gauges, temp elements, sensors, detectors, ...).
- Working in DLN Conversion/Modifications and Tuning for Damietta Power Project (4x125MW GE frame 9E Gas Turbine Units).

Dates : From May 2010 till Jan. 2011
Employer : ALSTOM POWER
Project : Nubaria Combined Cycle Power Plant (750MW)
Job title : I&C Engineer
Job Description : Performing all commissioning and start-up activities for ALSTOM steam turbine:

- Work with P&I diagrams, control diagrams, wiring diagrams.
- Perform calibration, instrument loop testing and functional testing in accordance with national / international standards that meets the requirements.
- Directly organize and perform all commissioning activities in the field.
- Checking open and closed loops, verify DCS system, verify instruments calibration.
- Capability to supervise units operation under critical and emergency situations.
- Interface with other project disciplines to ensure smooth, reliable and timely flow of data and information.
- Monitoring and trending the performance of turbines participating in a performance monitoring program and other related tasks.
- Planning of effective maintenance schedule of turbine and their auxiliaries like condenser, air compressor.

Dates : From Dec. 2009 till May 2010
Employer : THYSSEN KRUPP XERVON
Project : EAGRIUM FERTILIZER PROJECT, DAMIETTA
Job title : I&C Engineer (Calibration)
Job Description :

- Perform Calibration tasks in accordance with national / international standards that meets the Requirements.
- Calibration for Field instruments (Transmitters, Switches, Analyzers, Gauges, Valve Calibration ...).
- Develop and maintain calibration instructions for each measuring equipment and tool.

- Carry out and complete corrective and preventive actions in agreed time scale.
- Ensure that all required equipment and standards on site are calibrated and appropriately labeled.

Dates : From Dec. 2005 till Dec. 2009

Projects :

- Sidi Krir Combined Cycle Project 2x250 gas turbines, 1x250 steam turbine (from Jan. 2008 till Dec. 2009)
- Sidi Krir Power Station 2x320MW SIEMENS steam turbine (from Dec. 2005 till Dec. 2007)

Job title : I&C Engineer

Job Description :

- Participate in construction, commissioning, start-up and operation for MITSUBISHI GAS TURBINES and ANSALDO STEAM TURBINE.
- Very good knowledge and experience working and supervising of construction, commissioning and maintenance staff.
- Installation for all field instruments (transmitters, switches, analyzers, sensors).
- Supervision and Coordination, upgrading, new installations for all different kinds of instruments and control systems that are used in power plants, also carrying out the commissioning.
- Strong knowledge of process control theories and principles as well as the maintenance of various process control instruments and troubleshooting purposes, configuration, checking, calibrating, repairing of field instruments.
- Dealing with control systems:
 - DIASYS NETMATION DCS.
 - Symphony DCS.
 - Teleperm XP DCS.
 - Allen Bradley PLC.