

Holds a B. Sc. in Industrial Electronics & Control Engineering and has about 15 years of extensive practical experience in all aspects of Process Control & Instrumentation.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 16/11/1984
Gender : Male
Marital Status : Married
Residence : Currently UAE

EDUCATION

: B. Sc. in Industrial Electronics & Control Engineering, Menoufia University, 2006

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Access, Power Point), Internet

TRAINING COURSES AND CERTIFICATIONS

: D.C.S. Yokogawa Company CS3000 maintenance: training course in Bahrain (Feb./Mar. 2010).
: DCS Training Course at West Delta Electricity Production ABU QIR Training Center (ABB infi 90, Honeywell).
: Measuring instruments & its calibration at West Delta Electricity Production ABU QIR Training Center.
: PLC Training Course at West Delta Electricity Production ABU QIR Training Center (S7, SIEMENS).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From 2007 till now
Employer : West Delta Electricity Production Company
Project : Sidi Krir Steam Power Station (2x320MW)

(Turbine Siemens and Babcock & Wilcox Boiler)

Job title : I&C Maintenance Engineer

Job Description :

- Experience in configuration, calibration, maintenance, troubleshooting and installation of process instruments and control systems.
- Experience in Distributed Control System (DCS) as ABB infi 90 DCS System, Allen Bradley (PLC 5) and SIEMENS (PLC).

Further experiences:

Employer : El Sewedy Electric Consortium with Mitsubishi Power

Project : Layyah 1026MW Combined Cycle Power Plant in Sharjah, UAE

Job title : Lead Construction & Commissioning Instrumentation Engineer

Employer : El Sewedy Electric Consortium with SIEMENS

Project : Beni Suef Combined Cycle Power Plant SIEMENS 4800MW

Job title : Lead Construction & Commissioning Instrumentation Engineer

Employer : ENPPI & TOYO

Project : Polyethylene Project – The Egyptian Ethylene and Derivatives Company (ETHYDCO)

Job title : Control System Function Test & Commissioning Engineer

Employer : ELKROM MIDDLE EAST as subcontractor of ORASCOM

Project : WEST ASSIUT POWER STATION 8x125MW gas turbine (GE Frame 9E)

Job title : Instrumentation Engineer (Construction & Commissioning Leader)

Employer : ThyssenKrupp XERVON

Job Description : Instrumentation Engineer (Loop Check & Pre-commissioning Leader) in EGYPTIAN HYDROCARBON (EHC) (control system PLC S7 Johnson control, PLC S7 MANTurbo, YOKOGAWA CS3000) (from Apr. till Jun. 2014).

Employer : MEGA

Job title : Instrumentation Construction, Commissioning & Calibration Leader

Job Description :

- Employed by MEGA as subcontractor of KHARAFI NATIONAL as Instrumentation Engineer in Damietta Power Station (4x125MW simple cycle) (control system GE Mark VI) (from May till Jul. 2011).
- Employed by MEGA as subcontractor of KHARAFI NATIONAL as Instrumentation Engineer in Al-Shabab Power Station (8x125MW simple cycle) in DLN system modification (Dry low NOx) GT 3.....8 (control system GE Mark VI) (from Feb. till Oct. 2013).
- Employed by MEGA as subcontractor of KHARAFI NATIONAL as Instrumentation Engineer in Damietta Power Station (4x125MW simple cycle) in DLN system modification (Dry low NOx) GT 1 & 2 (control system GE Mark VI).

Employer : ECC Comp

Projects :

- Alex Fiber Project in Amria (from Mar. till Aug. 2009)

Job title : • Carbon Black (control system YOKOGAWA CS3000) (from May till Jul. 2012)
• ALEX SUGAR COMPANY for calibrating valves (control system PLC S7)
Instrumentation Construction, Pre-commissioning & Calibration Leader

Responsibilities:

- Commissioning activities:
 - Calibration of all field instruments and analyzers.
 - Calibration of all control valves and feedback switches adjustment.
 - Testing of pneumatic shut off valves and motorized valves.
 - Cold loop checks, hot loop checks and control system function test.
 - Monitoring and operating of the plant equipments from the local.
 - Software logic changes & troubleshooting.
 - Trouble shooting for any problem can be appearing during test.
 - Preparation of technical reports, test sheets, failure report in co-ordination with client and other engineers.
 - Providing technical support to project management and engineering.
 - Managing the work team at site and controlling the manpower as per task requirement.
 - Executing of daily & weakly commissioning schedule, making PTW as job nature and Attending Defects as issued by Operation Department. Trouble shootings, planning and preparing protocols as per commissioning requirement.
 - Prepare instrumentation installation and testing procedure with reference to project specs and standard.
 - Coordinate the interfaces with all construction disciplines and commissioning section.
- Construction activities:
 - Leading and managing complete instrumentation construction works and teams.
 - Preparing the cable route (cable Tray & conduit) according to route layout.
 - Estimation of materials, resources and tools required for the execution of the project.
 - Cable laying according to cable schedule and drum list.
 - Termination for cable according to termination drawing and cable schedule.
 - Instrument Installation according to P& ID diagram and mounting details (flow, pressure, level, temperature, analyzer transmitters).
 - Tubing for Instruments according to hookup drawing.
 - Fire and gas detection system installation and pre-commissioning activity.
 - Installation of Instrument equipment (Junction Boxes, Marching Panels and System Panel).
 - Responsible for the achievement of the MC mechanical completion certificate according to P&ID system limits, and leading instrument PLWD (Punch List Walk Down) and punch list clearance.

Field of experience : • Maintenance and calibration of:

- All pneumatic valves, actuators and its controllers.
- Pressure, Temperature, Flow and Level switches.

- Smart transmitters and flow meters.
- Boiler unit operation logic.
- Maintenance of Burner Management System (BMS).
- Loop check and stroke all valves and dampers.
- Flue gases, O2, PH and conductivity analyzers.
- Maintenance and troubleshooting:
 - Vibration System (Bentley Nevada 3300).
 - Flame detectors.
 - Flue gases, O2, PH and conductivity analyzers.
- Summary:
 - Lead Instrument Engineer with extensive expertise (15 years) especially in a Maintenance, Construction and Commissioning in the Power Stations, chemical and petrochemical field.
 - Able to do HSE instruction at the work site according to policy of company.
 - Able to do planning and schedule.
 - Reading and understanding the technical drawings.