

Holds a B. Sc. in Industrial Electronics & Control Engineering and has over 7 years hands-on experience in design, application and implementation of Instrumentation and Control Systems in the Oil & Gas and Petrochemical Industries. His knowledge and expertise include Engineering, Design, Procurement, Construction and Project Management.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 28/01/1989
Gender : Male
Marital Status : Married
Residence : Menoufia

EDUCATION

: B. Sc. in Industrial Electronics & Control Engineering, Menoufia University, 2010

LANGUAGES

Arabic : Native Language
English : Very Good
French : Fair

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: MS Visio
: MS Project
: AutoCAD

TRAINING COURSES AND CERTIFICATIONS

: Distributed Control System (DCS).
: Programmable Logic Controllers (PLC).
: Electronic Power & Machines Engineering.
: Microprocessor & microcontroller.
: Supervisory Control and Data Acquisition (SCADA).
: Industrial Electronics & Instrumentation.
: Digital Control & ESD Systems.
: Logic Systems & fuzzy control.

- : Medical Engineering.
- : AC800F, Smart System Solution.
- : AC800XA, Smart System Solution.
- : Siemens (step7), Smart System Solution.
- : Omron PLC, Smart System Solution.
- : English: IELTS.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Sep. 2013 till now
- Employer** : Khalda Petroleum Co. (KPC)
- Projects** :
 - Upgrading Shipping & Booster pumps system (Alamain oil shipping facility)
 - Fire & Gas detection system (Dahshour LNG plant)
 - New Compressors tie-in (A/G gas facility)
 - New Separators Tie-in (A/G oil facility)
 - Fire & Gas detection system (A/G gas facility)
 - DCS 800XA System upgrade (A/G gas facility)
 - Sewage treatment plants (one STP at RZK field and another at A/G field)
 - Power plant upgrade (A/G oil& gas production facility)
 - New oil laboratory (RZK oil facility)
 - Heater BMS upgrade (RZK oil facility)
 - Control room rehabilitation (Dahshour LNG plant)
 - Security CCTV System (Dahshour LNG plant)
- Job title** : Senior I&C Systems Project Engineer for onshore facilities
- Job Description** :
 - Review engineering documents.
 - Collect and verify information required during engineering phase.
 - Perform cost estimation for procurement, preparing tender packages and carry out technical evaluation.
 - Carry out FAT for Electrical (LV) & Control Panels.
 - Review Instruments datasheets, GA's, Shop Drawings, Certificates & Test reports.
 - Review & discuss project safety paper work such as work procedures, risk assessment before carry out activities.
 - Prepare time schedule and plan for jobs that being done by our resource, reviewing & follow up time schedule for contractors.
 - Review & approve the hired Equipment's according to the job specification and safety requirements.
 - Ensuring observation of HSE regulation and guide lines by team under supervision and promote the use of safe work practices and secure HSE during execution phase.
 - Receive materials on site and check material status versus PO's & approved documents.
 - Mobilize of the contractor with the necessary equipment, consumable and project material prior to its departure to the field.
 - Follow up and supervise project activities and coordinate & monitoring contractor's performance during installation phase.
 - Ensuring proper installation, wiring for instruments & Panels in accordance to approved engineering documents and drawings and

- installation procedures.
- Sharing in all meeting and follow up recommendations until put them in applications.
- Handover project to operations and make as-built drawing, engineering document & closeout reports.

Dates : From Aug. 2010 till Aug. 2013

Employer : SMART SYSTEM SOLUTIONS (Triple S)

Projects :

- Leather Drum Automatic Control System
- Soap Production line Control System
- Granite saw Control System
- Reinstalling and start-up of B&R Operating system for Barsanti machine
- Modifying Industrial Gases Automatic Control System
- Commissioning and start-up of Electrical panels for Rig site

Job title : Junior (Technical / Sales) I&C System Engineer

Job Description :

- Preparing techno-commercial proposals for industrial automation solutions.
- Discussing tender winning strategy with the marketing team & Channel partners, and preparing system architecture, BOQ, Costing Sheet.
- Coordination for better understanding of end customer requirements along with preparing rate contracts.
- Preparing quotations for customers in line with company policies.
- Ensured quality parameters are met and QA process was adhered to for proper & Systematic documentation.
- Site Survey for determining the customer requirements (I/O signals, instrumentation, cable trays, junction boxes....etc.).
- Determine the best solutions for make safe and reliable system.
- Contact subcontractors for determine the price of the panels, instruments, ...etc.
- Preparation of the technical offers according to site survey.
- Supervise & participate in installation& Calibration activities.
- Commissioning & Start-up activities.

Dates : From Jul. 2009 till Jul. 2010 (part-time)

Employer : Smart System Solution (ABB Channel partner in Automation)

Field of experience :

- Core Specializations:
 - E&I Project Engineering Brownfield& Greenfield E&I.
 - Design, installation and hook up of E&I equipment.
 - Control Systems, ESD, F&G.
 - Instrument Selection/Approval.
 - Project phase reviews inc. HAZID, HAZOP, SIL.
 - FAT, SAT, Commissioning and Start-up.
 - Maintenance Support & Training.
- Engineering Companies:
 - ENPPI.
 - GENESIS.
 - PETROFAC.
 - ONSPEC.
- Construction Companies:

- PETROJET.
- PETROMENT.
- EMC.
- ABB.
- Control System Brands:
 - ABB.
 - SIEMENS.
 - HONEYWELL.
 - GE.
- Instrument Brands:
 - EMERSON.
 - YOKOGAWA.
 - FLOWSERVE.
 - ASHCROFT.
 - WIKAI.
 - FOXBORO.
 - CURTTIS WRIGHTS.
 - SWAGELOK.
 - ABB.
 - HONEYWELL.
 - MEDEC.