

Holds a B. Sc. in Industrial Electronics & Control Engineering and has about 9 years experience in I&C field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/09/1981
Marital Status : Married

EDUCATION

: B. Sc. in Industrial Electronics & Control Engineering, Suez Canal University, 2003

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Alspa P320 Distributed Control System (DCS), ALSTOM Co., Aug./Sep. 2006.
- : Training in Operation & Maintenance of PACIS System, AREVA Co., LATTES – FRANCE, Jan. 2009.
- : METITO Co., training in water treatment in the following:
 - Demineralization Plant.
 - Pre-Treatment Plant.
 - Sewage Treatment Plant.
 - Potable Water System.
 - Waste Water Treatment System.
 - Oil/Water Separator System.
 - Chemical Injection System.
 - Steam Water Analysis System.
- : Initec Energia Co.:
 - Training at Fire Fighting in Fire Detection system, Gas Package System, Preaction Sprinkler System, CO2 System, Fire Pumps, Wet Pipe Sprinkler System, Dry Pipe Sprinkler System, Deluge System.
 - Training at Traveling Water Screen (WT) System.
 - Training at Hydrogen And Oxygen Gas Plant.

CHRONOLOGICAL EXPERIENCE RECORD

- Employer** : Middle Delta Electricity Power Production Company (MDEPC)
- Project** :
 - 4x250MW Gas turbines Siemens Model 94.3A2
 - Four horizontal HRSG supplied by ALSTOM
 - 2x250MW steam turbine (HP, IP, LP stages) supplied by MITSUBISHI
 - Distributed control system supplied by ALSTOM Model ALSBA P320
 - Auxiliaries (service, closed cooling, circulating systems, Hydrogen and Oxygen Gas Plant, etc.)
 - Water treatment system
- Job title** : I&C Maintenance Engineer
- Job Description** :
 - Commissioning & Start-up:
 - Working as I&C Commissioning & Calibration & Start-up Engineer in HRSG (ALSTOM & STF), DCS (ALSPAP320.ALSTOM)
 - Working loop check, sequence check of all signals.
 - Follow up all field instrument installing and test.
 - Receiving spare parts of HRSG (ALSTOM) & DCS.
 - Wake down, punch list, coordination in between the owner, contractor, consultant.
 - Field & instrument experience:
 - Calibration of all field instruments:
 - Pressure (switches, transmitter, indicator).
 - Temperature (switches, indicator), RTD, Thermocouples.
 - Flow transmitter (DP type, Magnetic type, turbine type).
 - Level (switches, transmitter) float, ultrasonic type.
 - Pneumatic control valve & on-off valve.
 - Testing and installing all turbine supervisory instruments (TSI):
 - Vibration prob, proximity transducer.
 - Differential expansion sensor.
 - Speed & velocity sensor.
 - DC LVDT.
 - Working with different type of field communicator (HART375, YOKOGAWA, YAMATAKE).
 - With a good experience in the smart pneumatic control valve tuning and adjusting & the on-off pneumatic valve & motorized valve as BRAY, LIMITTORK, ROTORK, CCI, MASONEILAN.
 - Working in different type of PLC (Bentley Nevada, Hitachi, Schneider, Siemens, Yokogawa, Allen Bradley).
 - Good experience in the field of instrumentation & control related to the field of procurement, installation, construction supervision, calibration, maintenance, pre-commissioning, commissioning and start-up in the power stations.
 - Responsible for follow the constructions and walk down, loop check, site acceptance tests, commissioning, receiving material and open points.
 - Maintenance of several kinds of sensors, smart transmitters, valves and actuators.
 - All field instrumentation and valves calibration and troubleshooting.