

Holds a B. Sc. in Electronics Engineering and has over 14 years hands-on experience working in I&C field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/12/1975
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

: B. Sc. in Electronics Engineering, Menoufia University, 2001

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel), Internet

TRAINING COURSES AND CERTIFICATIONS

- : I&C maintenance course, Siemens gas turbine, Karlsruhe - Germany (Nov. 2005).
- : Operation and maintenance of combined cycle power station (Nov./Dec. 2004).
- : PLC Siemens S7, Abu Qir Training Center (Jan./Feb. 2007).
- : DCS (MARK 6) CONTROL SYSTEM, Abu Qir Training Center (Sep. 2006).
- : On-site training for instrument engineers and technicians for:
 - Differential pressure transmitter and controller calibration.
 - Pressure transmitter and controller calibration.
 - Temperature switches calibration.
 - Level transmitter and level switch calibration, etc.
 - Magnetic flow meter, flow transmitter calibration.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Apr. 2004 till now
- Employer** : Middle Delta Electricity Production Company (MDEPC)
- Project** : Nubaria Power Station (Modules I, II, III) 3x750MW Combined Cycle
- Job title** : I&C Maintenance Engineer (steam turbine, gas turbine, HRSG)
- Job Description** :
- Constructions:
 - Supervision and witness the contractors for instrument installation.
 - Instrument hook-up, Instruments calibration, instruments loop checking and function test.
 - Supervising and executing instruments control loops during pre-commissioning and commissioning.
 - Preparing punch list for the contractors installation, instrument hook-up Instrumentation loop checking.
 - Follow up and supervising the contractors pre-commissioning and commissioning.
 - Preparation of instruments specifications, instruments data sheets, Cause and effect matrix P&ID drawings.
 - Reviewing/checking the specification for equipment located in hazardous areas.
 - Inspect and advise in the case of the instruments failures (re-warranty claim and stability).
 - Maintenance:
 - Maintenance of the instrumentation and control system for steam turbine generation (Mitsubishi control system).
 - Operation and maintenance of the instrumentation and control system for heat recovery steam generation (boilers).
 - Carry out the troubleshooting and repairing for field instrumentation and Local control panel for steam turbine and boilers generation.
 - Maintenance and calibration of field instrumentation (pressure transmitter, flow transmitter, level transmitter, pressure switches, flow switches, level switches, temperature element (thermocouple, RTD), pressure gauge, temperature indicator Differential pressure transmitter ultrasonic level transmitter, etc.).
 - Maintenance of vibration system for steam turbine generation and pumps.
 - Supervise and carry out the regular daily maintenance for measurement and Control equipment either on the field or on the control room.
 - Maintenance of the control valves (hydraulic, pneumatic and motorize Valves).
 - Preparing programs, procedures and scheduling for preventive and corrective maintenance which we be applied to measurements and control systems.

- Dates** : From May 2014 till Aug. 2014
- Employer** : SAMSUNG C&T COMPANY
- Project** : QURAYYAH INDEPENDENT POWER PROJECT
- Job title** : Commissioning & Instrumentation Maintenance Engineer

Job Description :

- Commission and maintenance for water treatment plant.
- Supervising and executing instruments control loops during pre-commission and commission.
- Troubleshooting and maintenance instrumentation of steam turbine (Siemens) and gas turbine Siemens 220MW.
- Maintenance and calibration of field instrumentation (pressure, flow transmitter, transmitter pressure switches, flow switches, level switches, temperature elements (thermocouple, RTD), pressure gauge, temperature indicator, Differential pressure transmitter ...etc.).
- Troubleshooting and maintenance of instrumentation and analyzer for desalination / demin water plant and RO (reverse osmosis).

Dates : From Jul. 2008 till Mar. 2013

Employer : Kuwait Control Company (KCC)

Projects : Shuaiba Power Plant & Cooling Water Pump Stations (Shuaiba Port – Kuwait)

Job title : I&C Maintenance & Construction Engineer

Job Description :

- Maintenance of the instrumentation and control system for steam turbine (250MW).
- Maintenance and calibration of field instrumentation (pressure transmitter, flow transmitter, level transmitter, pressure switches, temperature elements....etc.).
- Troubleshooting of field instrumentation and control system.
- Operation and maintenance of steam turbine control valves (Hydraulic, electrical).
- Improve the plant and equipments, reduction of systematic errors with respect to maintenance and instrumentation calibration.
- Preparing programs, procedures and scheduling for preventive and corrective maintenance which we be applied to measurements and control system.
- Overhaul for steam turbine (control system, instrumentation, main valves).

Dates : From Apr. 2003 till Mar. 2004

Employer : Landmark for mechanical works (Borg El-Arab)

Job title : Instrumentation Maintenance Engineer

Job Description :

- Carry out the regular daily maintenance for measurements and control equipment either on the field.
- Maintenance of local control panels for electrical equipments and Instrumentation.
- Calibration of filed instrumentation control (transmitter, pressure switches Level switches, flow switches, temperature sensor).
- Maintenance and calibration for the valves (pneumatic, motorize valves).
- Inspect and advise in the case of the instrumentation failures.