

Holds a B. Sc. in Electrical Engineering (Control & Computer) and has over 13 years hands-on experience working in I&C field at Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 23/07/1978
Gender : Male
Marital Status : Married
Residence : Cairo

EDUCATION

: B. Sc. in Electrical Engineering (Control & Computer), Assiut University, 2000

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Training for Thermal Power Plant.
- : Health & Safety Awareness Course for Supervisors and Managers from MEC Safe Limited (Oct. 2007).
- : Fire Fighting Course.
- : Introduction to DCS from Cairo Electricity Production Company Training Center.
- : Introduction to Computer Networks from Military Information Technology Institute (Apr./May 2003).
- : AutoCAD from Military Information Technology Institute.
- : PC Troubleshooting & Maintenance from Military Information Technology Institute.
- : DCS Harmony Base & Configuration as performed by ABB Training Center in Genova (Italy) (Jul. 2009).
- : DCS Composer Configuration as performed by ABB Training Center in Genova (Italy) (Jul. 2009).
- : DCS Power Generation Portal Base Configuration as performed by ABB Training Center in Genova (Italy) (Jul. 2009).

- : DCS Power Generation Portal Advanced Configuration as performed by ABB Training Center in Genova (Italy) (Aug. 2009).
- : Introduction & Steam Turbine Operation, Control System Introduction & Simulator Based Power Plant Introduction, Introduction to Electrical Operation & Maintenance, Steam Turbine Mechanical Maintenance as performed by ALSTOM Power Training Center in Birr (Switzerland) (Oct./Nov. 2010).
- : Practical Training Courses for Steam Turbine Operation & Maintenance as performed by ALSTOM Steam Turbine Training Center in Mannheim (Germany) (Nov. 2010).
- : Condenser Exhauster Vacuum Pump Units & Waterbox Priming Units as performed by NASH Company (Dec. 2010).
- : Preparing Trainer Course from Leadership Development Center.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Oct. 2010 till now
Employer : Cairo Electricity Production Company
Project : El-Tebbin Thermal Power Plant 2x350MW Steam Turbine
Job title : I&C Maintenance Engineer
Job Description :

- Assessment the damage for I&C parts in unit #1.
- Participate in preparing the contract for Rehabilitation unit #1.
- Working on Rehabilitation Unit #1.

Dates : From Oct. 2006 till Oct. 2010
Employer : Cairo Electricity Production Company
Project : El-Tebbin Thermal Power Plant 2x350MW Steam Turbine
Job Description : Engineer responsible for project analysis and Instruments & Control construction:

- Participate in Revising and analyze the technical specification of tendered Consultancy bids and contractors proposals for El-Tebbin Power Plant Project.
- Participate in Evaluating different bids and prepared reports on bids and proposals and participate in meeting with consultant and contractors to amend their proposal in order to meet the Power Plant requirements for the following:
 - Steam turbine (ALSTOM).
 - Circulating water pumps, Service water pumps and Raw water pumps.
 - Feed water pumps, Feed water booster pumps, Condensate pumps and Closed cooling pumps.
 - Instrumentation construction.
 - Distributed Control System (DCS).
 - Feed water heaters.
- Revise submittals from contractors and evaluate it to meet the contracts.
- Receive materials on site and evaluate it to meet the submittals and Contracts.
- Installation for all types of the instruments.
- Commissioning and Start-up for the following:
 - Steam turbine (ALSTOM).

- Pump house (Circulating water pumps, Service water pumps and Raw water pumps).
- Power block (Feed water pumps, Feed water booster pumps, Condensate pumps and Closed cooling pumps).
- Air Compressors and Air Dryers.
- Control Valves & Sump Pumps.
- PLCs (SIMATIC S7 200, 300 & 400).
- All related systems as condensate system, extraction system...etc.

Dates : From Jun. 2004 till Oct. 2006

Employer : Upper Egypt Electricity Production Company

Project : Assiut Thermal Power Plant 2x325MW Steam Turbine

Job title : I&C Maintenance Engineer

Job Description :

- Work as Instrumentation and Control Maintenance Engineer for (TOHIBA Turbine and ANSALDO Turbine) and Turbine Auxiliaries (Feed water pumps, Condensate pumps, Closed cooling pumps, Feed Water heaters...etc.).
- Work on different Types of field instruments such as:
 - Pressure instruments (transmitters, switches, gauges).
 - Temperature instruments (transmitters, switches, RTD & TC).
 - Level instruments (transmitters, switches, gauges).
 - Flow instruments (transmitters, switches).
 - Control valves (pneumatic, motorized & hydraulic).
 - Turbine supervisor instruments (TSI).
 - I/P converters and Positioner.
 - Servo and Solenoid valves.
- Work on DCS (INFE 90) System.