

Holds a B. Sc. in Electrical & Control Engineering and has about 9 years hands-on experience working in I&C field. Has very good knowledge of the Power Generation Industry, especially Steam Generation from Boilers, Feed Water Process, Field devices and control system.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/06/1984
Gender : Male
Marital Status : Married
Residence : El-Behira

EDUCATION

: B. Sc. in Electrical & Control Engineering, Tanta University, 2008

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : ABB training of DCS 800Xa advanced configuration – maintenance (Genova - Italy, Dec. 2011).
- : ANSALDO I&C Training of ABU QIR, 2x650MW GAS/OIL fired boilers (Dec. 2012).
- : SIEMENS training of substation control system (SCS) of ABU QIR 500KV GIS.
- : SIEMENS training of GIS 500KV substation in the execution phase.
- : SIEMENS training of protection & telecommunication system of 500KV GIS.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From May 2016 till now
Employer : PGESCO (Power Generation Engineering and Services Company)
Project : South Helwan Supercritical Power Plant 3x650MW
Job title : Senior I&C Construction & Commissioning Engineer

- Job Description** : Consultant for construction and commissioning phases to all contractors (MITSUBISHI, AC BOILERS, SCHNEIDER, ALSTOM, KSB, VEOLIA).
- Dates** : From Nov. 2009 till May 2016
- Employer** : West Delta Electricity Production Company (WDEPC)
- Project** : New ABU QIR Plant 2x650MW
- Job title** : I&C Engineer
- Job Description** :
- Worked at construction & commissioning phases with contractors (Mitsubishi, ABB, ANSALDO, SIEMENS and SULZER).
 - May 2013: worked as a Team Leader for I&C Maintenance Engineers.
 - Jan. 2016: worked with KSB for construction and commissioning a new turbine feed water pump (1500 m³/h) and made a tuning.
- Field of experience** :
- Construction for Instruments, control systems (DCS, PLC), control valves, and various control devices.
 - Commissioning Activities, loop check, function test & start-up.
 - Analysis for any changes of process parameters and trip.
 - DCS (800xA) control schemes hardware and software developed by ABB.
 - Special skills for process controller (PI, PID) tuning.
 - Prepare logic and SAMA diagrams for the plant.
 - Prepare Graphical Displays for the DCS system of the plant.
 - SCS (substation control system) control schemes of switchyard (500KV) HW+SW Developed by SIEMENS.
 - Calibration of various types of field instruments (pressure, differential pressure, flow, level, temperature, etc.).
 - Stroking and calibration of control valves (Hydraulic and Pneumatic).
 - Configure Bentley Nevada Asset Condition Monitoring 3500.
 - Configure Steam Turbine control system of Woodward (WOW 505).