

Holds a B. Sc. in Industrial Electronics & Control Engineering and has over 13 years hands-on experience working in I&C at Nubaria Power Plant.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 15/07/1979
Gender : Male
Marital Status : Married
Residence : Menoufia

EDUCATION

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

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Nubaria, Trainings in the following:
- Gas turbines GE frame 9FA control system Mark VIe.
 - Gas turbine Siemens CTG 250MW type V94.3A combined cycle components and operation.
 - Training at Hydrogen and Oxygen Gas Plant.
 - 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.
- : SPPA-T3000 Engineering, Maintenance & Service training in Siemens Power Academy at Karlsruhe, Germany.
- : SPPA-T3000 Administration and Commissioning in Siemens Power Academy at Karlsruhe, Germany.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Jun. 2005 till now
- Employer** : Middle Delta Electricity Power Production Company (MDEPC)
- Project** : Nubaria Power Production Plant (2250MW):
- Two modules, each module consists of:
 - Two Siemens CTG 250MW type V94.3A.
 - Two horizontal Alstom HRSG.
 - One Mitsubishi STG 250MW (HP, IP, LP).
 - DCS supplied by ALESPA P320.
 - One module consists of:
 - Two GE Gas turbines 250MW frame MS9001FA.
 - Two STF horizontal HRSG.
 - One ALSTOM steam turbine 250MW (HP, IP, LP stages).
 - DCS supplied by YOKOGAWA.
- Job title** : 1st I&C Commissioning, Start-up & Maintenance Engineer
- Job Description** :
- I&C Maintenance First Engineer in the following:
 - HRSG Boiler Alstom.
 - Water treatment system.
 - Hydrogen and Oxygen Gas Plant.
 - Gas turbines GE frame 9FA with control system Mark VIe.
 - Siemens CTG 250MW type V94.3A
 - PLC Step 5 & Step 7 Siemens programming and troubleshooting.
 - Analysis hardware and software errors.
 - Calibration of the field devices (transmitters, switches, gaugesetc.).
 - Temperature sensors "RTD and thermocouple" faults recovery.
 - Vibration and temperature of Hp/lp feed water pump system.
 - Dealing with the input/output cards, installation, Programming and faults recovery.
 - Fuel gas commissioning and start-up.
 - Fuel oil commissioning and start-up.
 - Major and minor inspection for the gas turbine.
 - Hot gas path inspection.
 - Automation control system for modification.
 - Simulation and buck up
 - Turbine digital Control System.
 - Troubleshooting of the control system problems
 - Test, Installation, Calibration and Maintenance for different types of (solenoid, Hydraulic, motorized, pneumatic) valves.
 - Gas detection system, fire alarm system and fire fighting system.
 - Perform the predictive and preventive maintenance of the system Components.
 - High experience in store managements.
 - Hydrogen And Oxygen Gas Plant maintenance.
 - All water treatment maintenance.