

Holds a B. Sc. in Electronics Engineering (Automatic Control & Instrumentation) and has over 22 years experience working in I&C commissioning and maintenance.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 26/05/1973
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

: B. Sc. in Electronics Engineering (Automatic Control & Instrumentation),
Menoufia University

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: Circuit Analysis by E.W.B program

TRAINING COURSES AND CERTIFICATIONS

: Ansaldo Company training course for the following: Steam Turbine,
Condenser, Generator - this training was in Genova, Italy (Oct. – Nov. 2008).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Apr. 2002 till now
Projects :

- Sidi Krir 3 & 4 Power Plants in the outages (from 2003 till now)
- Sidi Krir 1 & 2 Power Plants (from Apr. 2002 till now)

Job Description : Worked in the systems in the field (maintenance & troubleshooting):

- Desalination Plant (Babcock-Hitachi).
- Water and Waste Water Treatment Trainer EMIT Co.
- Hypochlorite Sodium plant.
- Aux boiler.
- Feed water pump (pump header).

- GR fan of boiler.
- Force draft fan (FD fan).
- Windbox system air in aux boiler.
- Air heater system.
- Condensate pumps and glands.

Further experiences :

- Worked in Kharafi National (2016, 2017, 2019).
- Worked in GE.

Field of experience :

- Boiler Unit Operation Logic.
- Commissioning of "B.M.S" (Burner Management system) and Modify Cad Logic.
- Burner Tuning.
- Loop Check and stroke All Valves and Dampers.
- Maintenance and Troubleshooting "F.P.S" (Fossil Power System).
- Commissioning and Troubleshooting PLC5.
- System Hardware & software for: Aux. boiler, Air Pre-Heater, Soot blower.
- Industrial & Power Electronics.
- Commissioning, Measurements, Calibration & Configuration for Instruments.
- Transmitters:
 - Pressure Transmitters.
 - Level Transmitters.
 - Temperature Transmitters.
 - Flow Transmitters.
 - Magnetic Flow Transmitters.
- Valves:
 - Control Valve with Position Transmitter (FB).
 - ON-OFF valves.
- Switches.
- Indicators.
- Vibration Measurement.
- Expansion Measurement.
- Speed Measurement.
- Basic Operation of Pneumatic & Hydraulic Systems.
- PID Controller Operation and Maintains.
- PLC's Siemens and Moeller types Operation and Programming.
- DCS Basic operation Bailey "INFI 90".
- Automatic Control System Analysis & Design.
- Structure of Basic Computer.