

Holds a B. Sc. in Electronics Engineering and has over 17 years hands-on experience, including 16 years working in I&C field at Sidi Krir Steam Power Station.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 07/02/1974
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

: B. Sc. in Electronics Engineering, Menoufia University, 1999

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: Automatic control systems
: PLC and DCS systems

TRAINING COURSES AND CERTIFICATIONS

: Siemens Power Academy Training Course (in Karlsruhe - Germany in Sep. 2012) for the following:

- SPPA- T3000 System Basics and Advanced Engineering.
- SPPA- T3000 Operation and Monitoring.
- SPPA- T3000 Maintenance (SIM).

: Ansaldo Company training course for the following: Steam Turbine, Condenser, Generator (in Geneva - Italy in Oct./Nov. 2008).

: Abu Qir Power Station Training Center in PLC (S7) system.

: Abu Qir Power Station Training Center in instruments and calibration.

: Abu Qir Power Station Training Center in automatic control.

: Abu Qir Power Station Training Center in the vibration and balancing machinery rotary.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Nov. 2001 till now
Employer : West Delta Electricity Production Company
Project : Sidi Krir Steam Power Station (2x320MW)
Job title : I&C Maintenance Engineer
Job Description :

- Experience in configuration, calibration, maintenance, troubleshooting, installation and Loop check of process instruments and control systems.
- Also experience in Distributed control system (DCS) and PLC such as:
 - SIEMENS TelepermXP for Steam turbine (S5).
 - SIEMENS SPPA-T3000 for Steam turbine (S7).
 - ABB ELSAG – BAILY INFI 90 for boiler (Babcock & Wilcox).
- Responsible for:
 - SIEMENS Steam turbine and turbine auxiliaries.
 - BFWP Baby turbine feed water pump controlled by WOODWARD505 control system.
 - Air Compressors (INGERSOLL-RAND).
 - Air Dryer system.
 - Boiler and Desalination unit.
- Worked in BOOT POWER PLANT (SIDI KRIR 3 & 4) for shutdown and outage three times (10/2005 & 10/2006 & 10/2007).
- L.T.M.C:
 - Was responsible for perform maintenance tasks on I&C equipment (the I&C scope) during long-term maintenance contract for Sidi Krir Power Plant of the first and second unit.
 - Unit 2 (from 9-2014 until 1-2015).
 - Unit 1 (from 9-2015 until 12-2015).

Dates : From May 2016 till Jun. 2016
Employer : ENPP-TOYO (joint venture)
Project : Polyethylene Project in Alexandria
Job title : Control System Function Check & Commissioning Engineer
Job Description :

- Cold loop check, hot loop check and control system function test.
- Monitoring and operating of the plant equipment from the local.
- Troubleshooting for any problem can be appearing during test.

Dates : From May 2001 till Nov. 2001
Employer : Alexandria Electricity Company for transportation
Job Description : Worked in Maintenance Dept.

Employer : Engineering Office for electronics cards repair and maintenance

Field of experience : Maintenance and calibration for various instruments such as:

- Transmitters & Switches (Pressure, Level, Flow, Temperature).
- Temperature (thermocouples and RTD).
- Valves (Control and ON-OFF) for pneumatic and hydraulic types.
- Vibration control system BENTLY NEVADA, VIBRO-METER and VIB 3000.

- Analyzer (PH, Conductivity, chlorine, Silica).
- Relative vib, Absolute vib, shaft position, key phasor, expansion shaft and expansion casing.
- PLC systems such as Siemens Step 5 and 7, Allen-Bradley.
- Speed control system BRAUN.
- Troubleshooting and commissioning and Loop check.