

Holds a B. Sc. in Electrical Power & Machines Engineering and has over 10 years hands-on experience, including 8 years working as I&C Engineer in Power Plants.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 01/01/1983  
Gender : Male  
Marital Status : Married  
Residence : El-Behira

## **EDUCATION**

: B. Sc. in Electrical Power & Machines Engineering, Tanta University, 2006

## **LANGUAGES**

Arabic : Native Language  
English : Very Good

## **COMPUTER SKILLS**

: Windows, MS Office, Internet

## **TRAINING COURSES AND CERTIFICATIONS**

- : SIPROTEC 4 – Numerical Protection Devices, SICAM PAS training, Siemens Power Academy, Germany.
- : TOSHIBA PLANT SYSTEM & SERVICE CORPORATION:
  - Fire fighting training.
  - Hydrogen Generation Plant.
- : I&C Maintenance training of Gas Turbine, MHI Power Generation, site training.
- : Maintenance & Operating of Steam Turbine Generator, ANSALDO Energia, site training.
- : Transducer Installation & Maintenance, GE (Bentley Nevada) training.
- : ABB, site trainings:
  - SYMPHONY-HARMONY & PGP training.
  - ALLEN BRADLEY PLC training.

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Oct. 2016 till now  
**Project** : BURULLUS 4800MW Combined Cycle  
**Job title** : I&C Engineer  
**Job Description** : 6 months training by SIEMENS (3 in EGYPT and others in GERMANY).

**Dates** : From May 2009 till Oct. 2016  
**Employer** : MDEPC  
**Project** : El-Atf Power Plant 750MW  
**Job title** : I&C Engineer  
**Job Description** :

- Attended the installation, start-up and commissioning of El-Atf Power Station Project (750MW combined cycle).
- Calibration and adjustment of all valves (Electrical, Pneumatic and hydraulic).
- Calibration and adjustment of all flow transmitters and switches.
- Calibration and adjustment of ULTRA SONIC transmitters.
- Performing the loop-checks for all the different kinds of DCS I/O signals.
- Performing Transmitters Configuration for (Level, Temperature, Flow, Pressure and Differential Pressure Transmitters using HART Communicator).
- Maintenance of temperature sensors (RTDs and Thermocouples).
- Maintenance of Fire detection and alarm system.
- Performing Major and minor inspection of the gas turbine by Mitsubishi (Frame M701F - Diasys control system).
- Performing maintenance (software and hardware) of gas turbine control system.
- Performing maintenance for the steam turbine control (harmony symphonic) which made by (ABB) Company.
- Was responsible for the warranty major inspection for the steam turbine by Ansaldo Company:
  - Adjust the Turbine Supervisory Instrument such as radial vibration, thurst vibration, speed sensors and adjust the setting from software that interface with this probes BENTLEY NEVADA RACK CONFIGURATION & SYSTEM 1).
  - Calibration for all transmitters (pressure, flow, level and RTD).
  - Calibration for all valves (pneumatic and electrical).
  - Performing the commissioning for the hydrogen generation plant hardware and Software (PLC Allen Bradley).

**Dates** : From Mar. 2007 till May 2009  
**Project** : Mahmoudia Power Station 300MW:

- 8x25MW gas turbines by GE
- 2x50MW steam turbines by GE
- 8 HRSGs by NEM
- 220KV and 66KV Switchyard and INFI999 DCS by ABB

**Job title** : Shift Engineer (Operation Dept.)

- Job Description** : HRSG and Auxiliary's System / Steam Turbine / Gas Turbine:
- Start and stop procedures.
  - All daily operation tasks.
  - Site observation, equipments check and maintenance daily reports writing.