

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, thrust 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.