

Holds B. Sc. and M. Sc. in Industrial Electronics & Automatic Control Engineering. Has about 6 years hands-on experience working as I&C Engineer in several instruments and devices at Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/10/1984
Marital Status : Married

EDUCATION

- : B. Sc. in Industrial Electronics & Automatic Control Engineering, Menoufia University, 2006
- : M. Sc. in Electrical Engineering, Alexandria University, 2011

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

- : Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Water Treatment System operation and maintenance - Beheira Water and Drainage Company (BWADC).
- : Training in HELWAN Factory of Iron & Steel (all over 2005/2006) under the project plan.
- : SIPRTEC 4, Numerical Protection Devices - SIEMENS Power Academy.
- : SICAM PAS Training - SIEMENS Power Academy.
- : HRSG operation and maintenance, NEM Company.
- : HRSG controls and instrumentation - NEM Company.
- : Basic Operation training of Gas Turbine (M701 F) - MITSUBISHI Heavy Industries.
- : I&C Maintenance training of Gas Turbine (M701 F) - MITSUBISHI Heavy Industries.
- : DCS CENTUM 3000 maintenance and engineering – YOKOGAWA.
- : PLC & SCADA - SCHNEIDER ELECTRIC Company.
- : Steam turbine, generator and condenser operation, ANSALDO ENERGIA Company.
- : LV switchboards, SCHNEIDER ELECTRIC Company.

- : MV primary distribution Equipment Knowledge and Use - SCHNEIDER ELECTRIC Company.
- : Fire Fighting and alarm system - TOSHIBA Plant Systems and Services Corporation.
- : Passed TOEFL English Program.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From May 2009 till now
- Employer** : Middle Delta Electricity Production Co.
- Project** : El-Atf Combined Cycle Power Station (750MW):
Consists of:
- 2x250MW Gas Turbine (MHI).
 - 2x360 ton/hr Heat Recovery Steam Generator (NEM).
 - 250MW Steam Turbine (Ansaldo).
- Job title** : I&C Project Construction & Commissioning Engineer
- Job Description** :
- Construction, commissioning and start-up of:
 - M701F Gas Turbine.
 - DCS (CENTUM CS3000).
 - Heat Recovery Steam Generation (HRSG).
 - Fire Alarm and Fire Fighting.
 - PLC Schneider & SCADA System (medium and low voltage switchgears).
 - Maintenance (software and hardware) of DCS control system (CENTUM CS3000).
 - Maintenance (software and hardware) of gas turbine control system (DYASYS NETMATION CONTROL).
 - Calibration of the Instruments on the Heat Recovery Steam Generation.
 - Maintenance of natural gas compressors (ATLAS COPCO).
 - Maintenance of instrument and service air compressors (COMP AIR).
 - Maintenance of Fire detection and alarm system.
 - Calibration and adjustment all valves (Electrical, Pneumatic and hydraulic).
 - Calibration and adjustment pressure switches and pressure transmitters.
 - Calibration and adjustment all flow transmitters and switches.
 - Calibration and adjustment of ULTRA SONIC transmitters.
 - Maintenance temperature sensors (RTDs and Thermocouples).
- Dates** : From Mar. 2007 till May 2009
- Employer** : Middle Delta Electricity Production Co.
- Project** : El-Mahmoudia Combined Cycle Power Station:
Consists of:
- 8x25MW Gas Turbine (GE).
 - 8x45 ton/hr Heat Recovery Steam Generator (NEM).
 - 2x50MW Steam Turbine (GE).
- Job title** : Operation Engineer
- Job Description** : Responsible for operating the gas turbines (GE), HRSGs (NEM) and steam turbine (GE).

Dates : From Jan. 2007 till Mar. 2007
Employer : Beheira Water & Drainage Company (BWADC)
Project : Water Station
Job title : I&C Engineer
Job Description : Responsible for all instruments and devices.