

Holds a B. Sc. in Electrical Engineering and has about 10 years hands-on experience working in operation, commissioning and start-up at Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/06/1984
Gender : Male
Marital Status : Married
Residence : Mahmoudia

EDUCATION

: B. Sc. in Electrical Engineering, Tanta University, 2006

LANGUAGES

Arabic : Native Language
English : Good
French : Basics

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Two weeks in Siemens Company (off-shore) training in Germany, participated successfully in the training (General information course high voltage switching technology gas insulated switchgear (GIS)), which included:
 - General information about switchgear factory, products for energy distribution and sulphur hexafluoride (SF6).
 - Modules of the gas insulated switchgear (outer characteristics, circuit breaker, disconnecter).
 - Work in progressing earthing switch, make-proof Earthing switch, VT and CT.
 - Maintenance and service.
- : Gas turbine operation and maintenance in MHI on-shore training.
- : Steam turbine, Generator & Condenser – operation and maintenance in ANSALDO on-shore training.
- : Power transformer in AREVA on-shore training.
- : Fuel oil treatment in TOSHIBA on-shore training.

- : Computer Maintenance Hardware and Software (level 1) from Agriculture Faculty.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From 2010 till now
- Project** : El-Atf Power Station Combined Cycle (750MW):
- 2x250MW gas turbine (MHI)
 - 2 heat recovery steam generator 115 kg steam/sec for each unit
 - 250MW steam turbine (Ansaldo)
- Job titles** :
- 1st Shift Engineer & Operation Engineer in all power station components (from Jan. 2014 till now)
 - Shift Charge Engineer (from 2010 till Jan. 2014)
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- Dates** : From 2007 till 2010
- Project** : Mahmoudia Gas Power Station Combined Cycle (300MW):
- 8x25MW gas turbine (General Electric)
 - 8 heat recovery steam generator 50 ton steam/hr for each unit
 - 2x56MW steam turbine (General Electric)
- Job title** : Shift Charge Engineer
- Field of experience** :
- Gas turbine up to 250MW with different manufactures likes (GE, MHI) with different control systems and I have training with MHI Stuff.
 - Steam turbine up to 250MW with different manufactures likes (GE, Ansaldo) with different control systems and I have training with Ansaldo Stuff.
 - HRSG (heat recovery steam generator) which the link between the gas turbine and the steam turbine with different pressure levels up to 135 bar and have training with NEM Staff.
 - Different types of pumps (centrifugal, axial, gear).
 - Different types of control system (PLC, DCS, SCADA, MKV, DIASYS, ABB Symphony Harmony ...).
 - Different types of substations (conventional and GIS) and at different voltage level up to 220KV.
 - Transformers with different voltage levels up to 220KV.
 - Can deal with black out (emergency trip (shut down)) and starting the power station from dead point and did it several times.
 - Can deal with hydraulic control systems.
 - Different types of valves (motorized, hydraulic, pneumatic).
 - Different types of compressors.
 - Chemical treatment of water and sampling systems.
 - Commissioning of NEM's Heat Recovery Steam Generators attached to Exhaust of Gas Turbines, Steam Blow through, HRSG Tuning and Optimization.
 - Commissioning, start-up and operation of Steam Turbine ANSALDO (250MW) and its related auxiliaries such as: Lube oil system – hydraulic oil system – jacking oil system – hydrogen filling system for cooling generator – vacuum system – STF condenser – seal oil system – condenser tube cleaning – condenser waterbox vacuum system – bypass system debris filters – gland steam.