

Holds a B. Sc. in Mechanical Power Engineering and has about 9 years hands-on experience in operation, commissioning and start-up of Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 27/11/1980
Gender : Male
Marital Status : Married
Residence : El-Behira

EDUCATION

: B. Sc. in Mechanical Power Engineering, Alexandria University

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet

TRAINING COURSES AND CERTIFICATIONS

- : Operating and maintenance of Mitsubishi gas turbine frame M701F – 750MW, MHI, Takasago City, Japan.
- : Electric generator 290 MVA, MHI, Kobe City, Japan.
- : Operation of gas turbine, Mitsubishi Heavy Industries, El-Atf site, Egypt.
- : Toshiba:
 - On-shore Transformer protection.
 - Fuel oil treatment for operation.
 - Hydrogen generation plant.
- : Schneider:
 - M.V. Primary distribution equipment knowledge & use.
 - L.V. Switchboards.
- : HRSG operation & maintenances, NEM.
- : Steam turbine, generator and condenser operation, Ansaldo Energia training school, El-Atf site, Egypt.
- : CENTUM CS 3000 R3 Fundamentals for operation, Yokogawa Middle East, El-Atf site, Egypt.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From 2008 till now
- Employer** : Middle Delta Electricity Production Company
- Project** : El-Atf Power Plant (750MW):
- 2x250MW gas turbine by Mitsubishi (Frame M701F - Diasys control)
 - 1x250MW steam turbine by Ansaldo Energia (Abb Control)
 - 2 HRSGs by NEM
 - GIS 220KV switchyard one and half circuit breaker by Siemens
- Job Description** : Operation Manager Assistant Engineer (from 2010 till now):
- Making a daily report about the past 24 hours status of the station and write reports to the corresponding maintenance department if a problem is found.
 - Giving the support to the Operation Shift Leader Engineer if an urgent problem occurred.
 - Be sure that the work permit for any equipment is done correctly by reviewing procedures such as equipment isolation, safety caution, etc.
 - Human Resource management to ensure the efficiency of the work.
- Operation Shift Leader Engineer (from 2008 till 2010):
- Commissioning, start-up and operation of Gas Turbine Mitsubishi (250MW M701F) and its related auxiliaries such as:
 - Lube oil unit.
 - Hydraulic oil unit.
 - Purge air compressor.
 - GT by pass damper.
 - Fuel gas compressor.
 - Vibration monitoring system.
 - Turbine cooling air cooler (TCA).
 - Hydrogen filling system for cooling generator.
 - Hydrogen releasing system by using air after using CO2.
 - CO2 fire fighting system.
 - Commissioning, start-up and operation of NEM HRSG boilers such as:
 - Perform the chemical cleaning according to procedures for condensate system & feed water system.
 - Perform the steam blow-out activities for HP steam, HRH & CRH steam, LP steam lines.
 - 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.
- Dates** : From 2004 till 2008
- Employer** : Middle Delta Electricity Production Company

- Project** : Mahmoudia Power Station (300MW):
- 8x25MW gas turbine by GE (Frame 5)
 - 2x50MW steam turbine by GE
 - 8 HRSGs by NEM
 - 220KV Switchyard
 - Infi 99 DCS by ABB and Mark II and Mark V by GE
- Job title** : Operation / Shift Leader Engineer
- Job Description** :
- Unit start-up and shutdown procedures.
 - Monitoring parameters.
 - Testing the equipments.
 - Isolation and de-isolation procedures.
 - Safety work permit system.
 - Condensate system & condensate pumps.
 - Circulating water system & circulation pumps.
 - Feed water system & pumps.
 - Sump pumps.
 - HRSG system operation.
 - Auxiliary's system operation.
 - Steam turbine system operation.
 - Control Room Engineer.