

Holds B. Sc. and M. Sc. in Mechanical Power Engineering and has more than 7 years hands-on experience working in operation field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/08/1986
Gender : Male
Marital Status : Married
Residence : Mahmoudia

EDUCATION

: B. Sc. in Mechanical Power Engineering, Alexandria University, 2010
: M. Sc. in Mechanical Power Engineering, Alexandria University, 2018

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: ANSYS 14.0
: AutoCAD

TRAINING COURSES AND CERTIFICATIONS

: On-Job Training Gas Turbine AE94.2 and Electrical Generator WY21Z and related Auxiliaries, Certified from ANSALDO ENERGIA (Aug. 2015).
: DCS Operation and Basic Configuration for Symphony plus S321, Certified from ABB University Training Center (Jul. 2015).
: Project Management Preparation Course (Aug. 2014).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Mar. 2011 till now
Employer : Middle Delta Electricity Production Co. (MDEPC)
Project : Mahmoudia Power Station
Job Description : • Operation Shift Engineer (from Sep. 2015 till now) for (2x168MW) ANSALDO GT.

- Operation Shift Engineer (from Mar. 2011 till Sep. 2015) for (8x25MW) GE GT & (2x60MW) GE ST.
- Follow up works (installation, testing and commissioning) of Mahmoudia 336MW Simple Cycle Power Plant Project (2x168MW) ANSALDO AE94.2.

- Field of experience :**
- Experienced in handling the shift operation of the combined cycle plant of (8x25MW) GE GT, 8 NEM boilers & (2x60MW) GE ST.
 - Responsible for recording of isolations and effective hand over of information to the following shift.
 - DCS and Mk-V control system operation.
 - Experienced in managing the overall operation of (2x168MW) ANSALDO AE94.2 gas turbines.
 - Organize the plant in such a way that work is carried out to the required standard with minimum risk to men, machine and materials; comply with safety rules and regulations.
 - Make sure that plant emissions are in compliance with environmental permits and regulations.
 - Responsible for maintaining high plant reliability and reducing forced outages and de-rating.
 - Troubleshooting of operation problems, Make quick, on the spot decisions to correct abnormalities or disturbances.
 - Take corrective actions during a state of emergency.
 - Supervise the interlock checks on start-ups and non-routine activities.
 - Monitor the overall status of the plant and summarize activities in the log book.
 - Fill daily plant status reports and relay all activities that occurred during his shift.
 - General coordination with all departments all activities that are related to plant operation during the shift which includes Permit to work, Locking, risk analysis and periodical tests.
 - Prepare incident / accident reports and other reports required by the departments.
 - Keep accurate records and logbooks.
 - Daily Generation reporting and monthly reporting.
 - Assist in the training and familiarization of new personnel in the shift.
 - Study and suggest for any modifications which can improve the plant efficiency.
 - Responsible for plant emergencies and incidents which involves fire, black outs and loss of generation.
 - Follow preset operational schedules to fulfill the Plant availability targets safely and efficiently.
 - Coordinate all activities or changes in plant status with operations manager.