

Holds a B. Sc. in Mechanical Power Engineering and has about 18 years hands-on experience, including 16 years' experience in O&M business, as Commissioning / Start-up Engineer, Operating Engineer, Assistant Team Leader and Performance Engineer, to ensure that the plant runs with maximum performance, efficiently and effectively.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 12/01/1981
Gender : Male
Marital Status : Married
Residence : El-Behira

EDUCATION

: B. Sc. in Mechanical Power Engineering, Alexandria University, 2003

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

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

TRAINING COURSES AND CERTIFICATIONS

- : At GE Facility, Belfort, France (Jan. 2009):
 - Gas Turbine Mechanical Training.
 - Gas Turbine Mark VI and Generator Control Operations.
- : On-site Training at Nubaria (Feb. till Apr. 2009):
 - Operation Mechanical Training.
 - Operation Electrical and Control Training.
- : On-site Training at Sabiya, Kuwait:
 - MK VIe Operation Course (Feb. 2012).
 - Steam Turbine Operation MK VIe Course (Feb./Mar. 2012)

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From May 2015 till Sep. 2021
Employer : GE Power Services – O&M

Project : Sabiya CCGT 2000MW, Kuwait
Job title : Performance Engineer
Job Description :

- Reported KPIs, availability, reliability, trips and start-up reliability for generating units.
- Monitored the thermal performance of the plant, identified trends and supported investigations of any issues and to minimized efficiency losses.
- Provided guidance and training for the sake of optimizing performance.
- Optimized operation routines and develop operation procedures.
- Monitored air emission and ensured compliance.
- Carried out performance tests with support from remote performance team.

Dates : From Dec. 2014 till May 2015
Employer : GE Power Services – PGS – O&M
Project : Sabiya CCGT 2000MW, Kuwait
Job title : Assistant Shift Team Leader
Job Description :

- Led successfully a team of 3 operators in the control room and 4 operators in the field.
- Assisted the Shift Charge Engineer and ensured that activities assigned to him are performed in accordance with approved operating work plans, quality standards, time schedules, and other operating requirements.
- Did safe start-up / shutdown of the plant as per the standard operating procedures.

Dates : From Dec. 2011 till Dec. 2014
Employer : GE Power Services – PGS – O&M
Project : Sabiya CCGT 2000MW, Kuwait
Job title : Control Room Operator
Job Description :

- Monitored the Operation parameters of the system and coordinated with the other Operators and maintenance team regarding all related activities that affect operation.
- Did safe start-up / shutdown of the plant as per the Standard Operating Procedures.

Dates : From Jul. 2011 till Dec. 2011
Employer : Kharafi National
Project : Damietta SCPP 500MW
Job title : Operating Engineer
Job Description :

- Monitored the Operation parameters of the system and coordinated with the commissioning team regarding all related activities that affect operation.
- Did safe start-up / shutdown of the plant as per the Standard Operating Procedures.

Dates : From Dec. 2009 till Jul. 2011
Employer : Middle Delta Electricity Production Company (MDEPC)

- Project** : Nubaria III Combined Cycle Power Plant (750MW):
Consists of:
- Two 250MW GE CTGs.
 - Two STF HRSGs.
 - One 250MW ALSTOM STG.
- Job title** : Assistant Shift Engineer
- Job Description** :
- Assist the Shift Charge Engineer and ensure that activities assigned to him are performed in accordance with approved operating work plans, quality standards, time schedules, and other operating requirements.
 - Responsible for safe start-up / shut down of the plant as per the Standard Operating Procedures.
- Dates** : From Dec. 2008 till Dec. 2009
- Employer** : Middle Delta Electricity Production Company (MDEPC)
- Project** : Nubaria III Combined Cycle Power Plant
- Job title** : Operation Engineer
- Job Description** :
- Witness construction, installation, commissioning and start-up of GE PG9351FA Combustion Turbine Generator.
 - Operate GE PG9351FA Combustion Turbine Generator.
- Dates** : From Sep. 2006 till Dec. 2008
- Employer** : Middle Delta Electricity Production Company (MDEPC)
- Project** : Nubaria I & II
- Job title** : Operation Engineer
- Job Description** :
- Operate Siemens V94.3A 250MW combustion turbine generator.
 - Witness combustion chamber inspection and hot gas path inspection.
- Dates** : From Dec. 2004 till Mar. 2006
- Employer** : Egyptian Military
- Job title** : Officer Engineer
- Job Description** :
- Responsible for vehicles maintenance.
 - Lead team to remove mines and remnants of wars.
- Field of experience** :
- Good knowledge about Combined Cycle Power Plant.
 - Environmental, Health and Safety mindset and compliance.
 - Certified Senior Authorized Person.
 - Certified Internal Auditor.
 - Udacity – Nanodegree.
 - Data analysis professional with Python.