102884-MEC-16CHMO-E-2008
Shift Charge Engineer

Holds B. Sc. and M. Sc. in Mechanical Power Engineering and has over 13 years hands-on experience, including 10 years working at Power Plants with good knowledge in operation of gas turbine generating units and auxiliaries.

PERSONAL DATA

Nationality	:	Egyptian
Birth Date	:	01/12/1985
Gender	:	Male
Marital Status	:	Married
Residence	:	El-Behira

EDUCATION

: B. Sc. in Mechanical Power Engineering, Alexandria University, 2008

: Master degree in Power Station in Mechanical Dept., Alexandria University, 2016

LANGUAGES

Arabic	:	Native Language
English	:	Good
French	:	Fair

COMPUTER SKILLS

: Windows, MS Office, Internet

: AutoCAD program design and drawing (2D & 3D)

: EES program (engineering equation solver)

: Matlab program (mathematical laboratory)

: HTRI program for heat exchanger design

TRAINING COURSES AND CERTIFICATIONS

: GE 9FA gas turbines on-site operation mechanical training and operation electrical/control training, Nubaria (Jul. 2012).

: English: TOEFL certificate from Alexandria University.

: English: American oral test and (SEPT) for reading, writing and listening from AMERICAN UNIVERSITY IN CAIRO (AUC).

: International Computer Driving License (ICDL).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jul. 2017 till now
Employer : SIEMENS
Project : Burullus Power Plant
Job title : Shift Charge Engineer
Job Description : Leading operation group in shift in combined cycle power plant (gas turbine - steam turbines - HRSG), combined cycle Siemens class H.

Dates : From Jan. 2013 till Jun. 2017
Employer : Middle Delta Electricity Production Company (MDEPC)
Project : Nubaria Power Station Module III (750MW)
Job title : Shift Lead
Job Description : Leading group in operation for combined cycle power plant GE frame gas turbine 9FA.

Dates : From Mar. 2011 till Jan. 2013
Employer : Middle Delta Electricity Production Company (MDEPC)
Project : Nubaria Power Station Module III (750MW):

- Two GE CTG x 250MW type MS9001 (9FA).
- Two horizontal HRSG.
- One STG 250MW (HP, IP, LP).
- 500KV switchyard.
- Medium and low switchgears.
- Module auxiliaries.

Job title : Shift Operator
Job Description :

- STF HRSG Operator Engineer: Responsible for operating 2 HRSG (STF) & Auxiliaries such as Service, Circulate, Closed cooling, Demi, Condensate, high pressure and low pressure) pumps and Instrument / service air compressors.
- GE Gas Turbines Operators Engineer: Responsible for operation of two GE gas turbines with auxiliaries such as Lube oil system and Turning gear system, Hydraulic system, Generator, LCI….
- Alstom Steam Turbine Operators Engineer:
  - Unit description: ALSPA p320-TGC.
  - Skids such as: Lube oil system and Turning gear system and Jacking oil pump, Hydraulic system; Gland steam system, Vacuum condenser system and Vacuum breaking system; Water box Evacuation system; HP bypass and IP bypass; LP Hood water injection; Turbine's drain system, Tube cleaning system; Debris filter; Generator (50wx23z-109), Turbine Instrument (vibration, temperature …) and Condenser.

Dates : From Sep. 2008 till Mar. 2011
Employer : Consultancy Group for Trading and Integrated Studies and Project Management Company
Project : Construction of Marsa Allam Resort
Job title : Site Engineer

Job Description : Commissioning Mechanical Engineer and construction of Resort in Marsa Alam including HVAC, fire-fighting, treatment station, piping network, desil. power generation station....

Dates : From Apr. 2009 till Jan. 2010
Project : Military Service

Employer : Alexandria Engineering Car Center (AECC) (during education)
Job title : Maintenance Engineer
Job Description : Working in holidays with the following tasks:

- Car periodic maintenance.
- Diagnosis faults in car diagnostic machine.
- Repair faults and alarms.
- Replace damage parts.
- Making car overhaul fixing.

Field of experience :

- Analyze Gas Turbine faults & upsets, investigate and recommend solutions.
- Organize evaluation and testing of gas turbine component.
- Follow the Dispatch Load Request.
- Start-up and Shut down of the Units.
- Detect and diagnose malfunction of equipments and prepare for work orders.
- Operate the units even in case of abnormal operation.
- Collect and analyze periodical data.
- Follow and deal with Alarms in Central Control Room.
- Follow Operation Specifications.
- Analysis of all necessary Information about Local Sites.
- Operations of medium, low voltage switchgears and load centers.