

102666-MEC-1OS-E-2008
Operation & Commissioning Engineer

Holds a B. Sc. in Mechanical Engineering and has about 13 years hands-on experience working in operation, commissioning and start-up at Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 26/09/1984
Gender : Male
Marital Status : Married
Residence : Damanhour

EDUCATION

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

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : GE 9001FA gas turbines operation, mechanical, MK IV, gas turbine and generator Control operation courses, Nubaria Power Station (Aug./Sep. 2009).
- : GE 9001FA gas turbines on-site operation mechanical training and operation electrical Control training, Nubaria Power Station (Jul./Aug. 2009).
- : Combined cycle operation training, Nubaria Power Station (Sep./Oct. 2009).
- : Components and operation training on high and medium voltage Equipments, Nubaria Power Station.
- : Conversation English Course at IBI (International British Institute).
- : AutoCAD at Egyptian Syndicate of Engineers.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jul. 2009 till now
Employer : Middle Delta Electricity Production Co. (MDEPC)

- Project** : Nubaria Combined Cycle Power Station
(GE 9001FA Gas Turbine, Alstom steam turbine and STF HRSG)
- Job title** : Operator Engineer
- Job Description** :
- Analyze gas & steam turbine fault & up sets investigate and recommend solutions.
 - Organize evaluation & testing of gas & steam turbine component.
 - Start-up & Shutdown of gas & steam turbine.
 - Follow the dispatch load request.
 - Detect the diagnose malfunction of equipment and prepare for work orders.
 - Operate the unit even in case of abnormal operation.
 - Collect and analyze periodical data.
 - Follow and deal with alarms in central control room.
 - Follow operation specification.
 - Analyze of all necessary information about local sites.
- Dates** : From Oct. 2015 till Mar. 2016
- Employer** : [EGYPTROL](#)
- Projects** :
- Alhamra and Bani Ghaleb Power Station, Assiut City
 - Gerga Power Station, Sohag
- Job title** : GE TM2500 Gas Turbine Operation Engineer
- Job Description** :
- Start-up & Shutdown the unit.
 - Maintain the stability of the unit.
 - Familiar with the unit alarms and its setpoint.
 - Offline water wash for the compressor.
 - Changing liquid fuel and air filters.
 - Operating the centrifugal pump.
- Field of experience** :
- Commissioning, Start-up, Operation Engineer (GE gas turbine MS 9001FA).
 - Offline water wash procedure of the compressor (GE gas turbine MS 9001FA).
 - H2 purging procedure by CO2 (GE gas turbine MS 9001FA).
 - Follow Combustion Inspection (GE gas turbine MS 9001FA).
 - Follow Hot Gas Path Inspection (GE gas turbine MS 9001FA).
 - Follow Major Inspection (GE gas turbine MS 9001FA).
 - Follow modification of DLN from DLN 2+ to DLN 2.6 (GE gas turbine MS 9001FA).
 - Follow Steam blow (STF horizontal HRSG).
 - Check and Operating field equipments (valves, pumps, compressors, ...etc.).
 - Operations of Medium voltage 6.3KV Switch Gear & High voltage 500KV switch yard.
 - Training new and under graduate engineers in Nubaria Power Plant.