

100207-ELE-1OS-E-2001
Senior Shift Charge Engineer

Holds a B. Sc. in Electrical Power Engineering and has over 19 years' experience working in operation, commissioning and start-up of gas / steam turbines and HRSGs.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 09/03/1977
Gender : Male
Marital Status : Married
Residence : El-Behira

EDUCATION

: B. Sc. in Electrical Power Engineering, Al-Azhar University, 2001

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

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

TRAINING COURSES AND CERTIFICATIONS

- : Combined Cycle Units, Maintenance & Operating of Combined Cycle Station, Damanhur Power Station (Feb./Mar. 2004).
- : Basic Operation Training on Siemens CTG V94.3A by Siemens, Damanhour Power Station.
- : Maintenance & Operating of Steam Turbine MHI at Nubaria Power Station.
- : Traveling Water Screen Training, INITEC/TARNOS, Nubaria Site (Apr. 2006).
- : Hydrogen and Oxygen Gas Plant Training, INITEC/STUART ENERGY, Nubaria Site (Apr. 2006).
- : Operation on-shore training of ALSPA P320 Distributed Control System by ALSTOM Company, Paris – FRANCE.
- : One-month training by CONISYS in NUBARIA Power Station project (Jun./Jul. 2005):
 - SF₆ Single Pressure Gas Circuit Breaker.
 - Disconnecting Switches.
 - Distribution System AC/DC Charger.

- Surge Arrestor.
 - Voltage Transformer.
 - Current Transformer.
 - Auto Transformer.
- : 37 days operation & maintenance of gas turbine training by GE, NUBARIA Power Station project.
- : GE9FA gas turbines operation, mechanical, MK IVe, gas turbine and generator control operation, courses by GE, KUWAIT.
- : Combined cycle training by GE, KUWAIT.
- : EHS (environmental, health and safety) online training by GE (32 courses).
- : Firefighting training by GE.
- : Permit to Work training by GE.
- : Lock out and Tag out (LOTO) training by GE.
- : Safety Risk Assessments training by GE.
- : High risk operations (LOTO, High Voltage Operation, Replacing Hydrogen).
- : Cylinder activity training by GE.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From May 2008 till now
Employer : Middle Delta Electricity Production Company (MDEPC)
Project : Nubaria Combined Cycle Power Station (3x750MW)
Job title : Senior Shift Charge Engineer

Dates : From Jan. 2012 till Dec. 2015
Employer : GE O&M
Project : Sabiya Power Plant CCGT 2000MW
Job title : Control Room Operator
Job Description :

- Plant contents three blocks, each block consists of:
 - Two gas turbine GE (250MW frame 9 FA, MK VIe).
 - One steam turbine GE (250MW frame D11, MK VIe).
 - Two HRSG HYUNDAI.
 - Water Demi Plant.
- GAS Compressor.
- GIS (400KV).
- Follow EHS procedure and safety rules.

Dates : From 2011 till 2012
Project : Nubaria Combined Cycle Power Station (3x750MW)
Job title : Lead Operation Engineer

Dates : From 2010 till 2011
Employer : STF Company
Project : Nubaria Power Station
Job Description : Commissioning & Start-up Engineer for HRSG 340 t/hr capacity.

- Dates** : From Dec. 2005 till May 2008
- Employer** : Middle Delta Electricity Production Company (MDEPC)
- Project** : Nubaria Combined Cycle Power Station (3x750MW):
- Two modules, each module consists of:
 - Two Siemens CTG 250MW type V94.3A.
 - Two horizontal Alstom HRSGs.
 - One Mitsubishi STG 250MW (HP, IP, LP) steam line.
 - One module consists of:
 - Two GE CTG 250MW type MS 9001FA.
 - Two horizontal STF HRSGs.
 - One ALSTOM STG 250MW (HP, IP, LP) steam line.
 - 220KV switchyard.
 - 500KV switchyard.
 - Four tie transformers 500/220KV.
 - Medium and Low Voltage Switchgear.
- Job title** : Operation Engineer
- Job Description** :
- Responsible for site acceptance tests, Commissioning and Start-up for Steam Turbine, Steam Blow HRSG, under and above Ground piping, pumps & Valves.
 - Commissioning and operation for Gas Turbine.
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- Dates** : From Dec. 2003 till Dec. 2004
- Employer** : Middle Delta Electricity Production Company (MDEPC)
- Project** : Damanhour Combined Cycle Power Station (156MW)
- Job title** : Operation Engineer
- Job Description** :
- 4 Hitachi Gas Turbines (25MW).
 - 4 NEM Vertical HRSGs.
 - 1 GE Steam Turbine (60MW).
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- Field of experience** :
- Analyze Gas Turbine faults & upsets, investigate and recommend solutions.
 - Incident Report and prepare the required root Causes Analysis.
 - Attend commissioning period, prepare punch list and walk down report for different power plant system.
 - Organize evaluation and testing of gas turbine component.
 - Follow the Dispatch Load Request.
 - Perform Periodical Test.
 - Start-up and Shut down of the Units.
 - Detect and diagnose malfunction of equipment 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.
 - Perform Necessary Measures and Checks out Before Equipment Start-up.
 - Follow Operation Specifications.
 - Analyze Equipment Efficiency.
 - Application of Validated Procedures.
 - Analysis of all Necessary Information about Local Sites.