

102552-MEC-15MOS-E-2004
Shift Charge Engineer

Holds a B. Sc. in Mechanical Production Engineering and has about 13 years hands-on experience, including 8 years working in operation and start-up at Damanhour Power Plant.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 26/02/1975
Gender : Male
Marital Status : Married

EDUCATION

: B. Sc. in Mechanical Production Engineering, Alexandria University, 2004

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: AutoCAD 2D & 3D

TRAINING COURSES AND CERTIFICATIONS

: Training course on Operating of Combined Cycle Power Station (Gas Turbine & Steam Turbine).
: Training on the Maneuvers and common network operating instructions.
: Training course from ABB on DCS (800-XA) workplace introduction and operation.
: Training for one month at El-Amria Petroleum Company.
: Training for one month at El-Behera Water Company.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Mar. 2009 till now
Employer : West Delta Electrical Production Co.
Project : Damanhour Power Plant
Job title : Shift Charge Engineer

- Job Description** :
- Leading a group of engineers and technicians.
 - Having the complete responsibility and dealing with the dispatch center.
 - Evaluating the technical performance for all the GE, HITACHI Gas Turbine.
 - The module consists of:
 - 4 units of HITACHI Gas Turbine.
 - 4 units of NEM Heat Recovery Steam Generator.
 - 1 General Electric Steam Turbine.
 - 220KV switch yard.
 - Three Transformers 11.5/ 220KV.
 - DCS Baily infi 90 Control system for HRSG.
 - DCS 800 XA Control system for Gas Turbine.
 - MK II Control system for HRSG.
 - MK V Control system for Steam Turbine.
 - Plant Auxiliaries (B.O.P.): Module Auxiliaries (Main Cooling pumps, Closed Cooling Water Pumps, Circulating Water Pumps, Condensate Water Pumps, High Pressure HP Boiler Feed Water Pumps, Low Pressure LP Boiler Feed Water Pumps, Instrument Air Compressors, Service Air Compressors, Condensate Pumps, Condensate cooling Pumps and other Auxiliaries).
 - Follow the Dispatch Load Request.
 - Perform Periodical Test.
 - Start-up and Shut down of the Units.
 - 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 Equipments Start-up.
 - Analyze Equipment Efficiency and performance.
 - Analysis of all Necessary Information about Local Sites.
 - Wide knowledge of Operation of combined steam cycle.
 - Operate units' auxiliaries (Feed systems, Air Compressors, Cooling Systems, Circulating Water Systems, Condensate Systems, Boiler systems, Turbine Systems, Fuel system, Generator Systems, Electrical Systems and all related Utilities).

Dates : From Dec. 2005 till Dec. 2008
Employer : Zakher Cement Industrial LLC – Abu Dhabi, UAE
 (Manufactures of Kerbstone, Hollow Blocks, Interlocking Tiles (Masa block machine))
Job title : Maintenance Engineer

Dates : From 2004 till 2005
Employer : Egypt Spain for medical industries
Job title : Maintenance Engineer of plastic injection molding machine
Job Description :

- Time to time checking the machine.
- Determining the critical inspection points.
- Solving the breakdown maintenance as soon as earlier.
- Preparing the maintenance schedule and reports.