

**100551-MEC-15MOS-E-1995**  
**Mechanical Maintenance Engineer**

Holds a B. Sc. in Mechanical Power Engineering and has about 20 years hands-on experience, including 15 years working in operation, maintenance, commissioning and start-up of mechanical equipments at Power Plants.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 12/12/1968  
Gender : Male  
Marital Status : Married  
Residence : Damietta

## EDUCATION

: B. Sc. in Mechanical Power Engineering, Mansoura University, 1995

## LANGUAGES

Arabic : Native Language  
English : Good

## COMPUTER SKILLS

: Windows, MS Office, Internet

## TRAINING COURSES AND CERTIFICATIONS

- : Two weeks training period in the field of operation and maintenance of Siemens Gas turbine in Damietta Power Station.
- : Two weeks training period in the field of operation and maintenance of Steam turbine in Damietta Power Station.
- : Two weeks training period in the field of maintenance of instruments of Steam turbine in Damietta Power Station.
- : On week training course in the field of performance tests of gas stations and mechanical equipment.

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Dec. 2011 till now  
**Job title** : Mechanical Maintenance Engineer for Siemens V49.2 gas turbine  
**Job Description** :

- Participating with Siemens major inspections for rotor, stator, combustion chamber and Control system two G.T.
- Overhaul / Major inspection, preventive maintenance for large and

check & safety valves.

- 135MW gas turbine type V94.2 manufactured by SIEMENS AG & its auxiliaries (carry out the maintenance and repair the works, major overhaul inspection, minor inspection, preventive maintenance and troubleshooting activities).
- Inspection and maintenance for all types and classes of valves as: GATE & BUTTERFLY & BALL & GLOBE & CHECK & NEEDLE, etc.
- Maintenance planning, writing technical problems reports.
- Equipments troubleshooting, preventive maintenance.
- Spare parts & spare parts storage planning.
- Dye penetration, Eddy current and Magnetic particle inspections.
- Thickness measurement.
- Gas Turbine mixing chamber & inner casing Heat Treatment.
- Overhaul / Major Inspection, preventive maintenance for gas and fowl oil emergence and control valves and EHC system and transmission unit and all AC & DC & control pumps of gas turbine.

**Dates** : From Mar. 2011 till Dec. 2011  
**Employer** : Ebdrolla Company  
**Job Description** : Worked in commissioning for solar electric station performing takes in HRSG control from the field and the control room (ABB system) during acid cleaning, steam blow, bypass operation and normal operation.

**Dates** : From Oct. 2009 till Nov. 2010  
**Employer** : CMI Company  
**Job Description** : Worked in commissioning for Talkha – El-Kureimat II and El-Kureimat III, performing tasks: Teaching the control and logic of HRSG to the operators of the client HRSG control from the field and the control room (Ovation & Alspa p320 control system) during acid cleaning, steam blow, bypass operation and normal operation.

**Dates** : From Aug. 2008 till Sep. 2009  
**Project** : Damietta Power Plant (1230MW)  
**Job title** : Shift Charge Senior Engineer

**Dates** : From Jun. 2002 till Aug. 2008  
**Project** : Damietta Combined Cycle Power Station (1300MW)  
**Job title** : Operation Engineer  
**Job Description** :

- In door 220 & 66KV GIS switchgears (AEG – Germany).
- Low and medium voltage Ac/ Dc distribution panels and equipments such as pumps...
- Gas turbine generation (Siemens V94.2) 6x135MW and its auxiliaries.
- Steam turbine generation (GEC – Alsthom) 3x175MW and its auxiliaries.
- HRSG (Borsig Babcock) 6 x 250 ton with high and low pressure pumps.

**Dates** : From Apr. 1998 till Jun. 2002  
**Employer** : Cairo for Orketing Distribution Company

- Job title** : Mechanical Engineer in factory
- Job Description** : Operating and monitoring and maintenance of mechanic instruments and LOOS Boiler in the factory.
- Dates** : From 1997 till 1998
- Employer** : Cairo for Extracting Seeds Company
- Job title** : Mechanical Engineer in factory
- Job Description** : Maintenance of machines (Water pumps, Compressors, Gear boxes, Oil Couples).
- Field of experience** :
- Operating & monitoring GIS SF6 220KV Switchgear AEG.
  - Operating & monitoring Switch yard contain connections of:
    - 9 Generators.
    - 6 Transmission Lines.
    - 4 Power Transformers.
  - Operating & monitoring Control panels for these connections.
  - Operating & monitoring Protection system of transmission lines.
  - Operating & monitoring Siemens Gas Turbine.
  - Operating & monitoring:
    - Two Units of GAS Turbine V94.2 each one of them diving.
    - Electric Generator TLRI 135MW.
    - Two Power Transformer 10.5KV/220KV/152MVA Trafo-Union.
    - Four Units of Air Compressor Atlas.
    - Operating and monitoring Gas turbine during start-up normal operation and shut down by using fuel gas or fuel oil.
    - Monitor Auxiliary equipments of gas turbine, carry out safety isolation precautions.
  - Operating and monitoring 250 t/hr, 70 bar BORSIG HRSG (D.C.S. and OVATINO).
  - Operating and monitoring HRSG during start-up, normal operation and shut down.
  - Monitor Auxiliary equipments of HRSG.