

**103590-MEC-14CMS-S-1994**  
**Mechanical Maintenance Technician**

Holds an Industrial Diploma and has about 16 years hands-on experience working as Mechanical Maintenance Technician at Power Plants.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 26/11/1978  
Gender : Male  
Marital Status : Married  
Residence : El-Behira

## EDUCATION

: Industrial Diploma (mechanical erections), 1994

## LANGUAGES

Arabic : Native Language  
English : Fluent

## TRAINING COURSES AND CERTIFICATIONS

: Basic training on maintenance of GE Gas Turbine Frame (9FA).  
: Basic training off-shore on maintenance of ALSTOM Steam Turbine.

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From 2004 till now  
**Employer** : Middle Delta Electricity Production Company  
**Project** : Nubaria Combined Cycle Power Plant (2250MW):

- Nubaria (1 & 2) 1500MW consisted of 4 gas turbines Siemens V94.3A2, 4 HRSG ALSTOM and two Mitsubishi TC2F-35.4.
- Nubaria (3) 750MW consisted of 2 GE gas turbines GE MS9001FA, 2 HRSG STF and one ALSTOM steam turbine.

**Job title** : Mechanical Maintenance Technician  
**Job Description** :

- Follow up all site mechanical maintenance AND CONSTRUCTION activities for Siemens gas turbine SGT5-8000H Egypt steam turbines such as: Work as a Mechanical Construction Fitter in NEW CAPITAL Power Plant 4800MW CCPP, in this period I have work with SIEMENS construction team as a Mechanical Fitter for construction of SIEMENS gas turbine SGT5-8000H.
- Follow up all site mechanical maintenance AND CONSTRUCTION activities for Alstom Egypt steam turbines such as:

- INVOLVED IN 1 MAJOR INSPECTION FOR THE GENERATOR IN TALKHA POWER STATION.
- INVOLVED IN BEARINGS INSPECTION FOR STEAM TURBINE AND MODIFICATION FOR BEARING 1.
- INVOLVED IN STEAM TURBINE CONSTRUCTIONS ACTIVITIES IN NUBAIA PROJECT.
- INVOLVED IN STEAM TURBINE CONSTRUCTIONS ACTIVITIES IN TALKHA PROJECT.
- INVOLVED IN STEAM TURBINE COMMISIONING AND START-UP ACTIVITIES IN NUBAIA PROJECT.
- Follow up all site mechanical maintenance activities for SIEMENS SGT5-4000F 250MW gas turbines such as:
  - INVOLVED in Minor Inspection the programmed schedule inspection every 8000 EOH.
  - INVOLVED in 2 Hot Gas Path the programmed schedule inspection at 25000 EOH.
  - INVOLVED 2 Major Inspections the programmed schedule inspection at 50000 EOH.
- Follow up all site mechanical maintenance activities for steam turbine Mitsubishi TC2F-35.4 250MW such as:
  - INVOLVED IN warranty overhaul inspection for Mitsubishi steam turbine TC2F-35.4 250MW THE WARRANTY INSPECTION UNDER MITSUBISHI COMPANY.
  - INVOLVED IN warranty overhaul inspection for Mitsubishi steam turbine TC2F-35.4 250MW valves (HPSV, HP CV, ICV, RSV, LPCV, LPSV) THE WARRANTY INSPECTION UNDER MITSUBISHI COMPANY.
  - INVOLVED IN THE PROGRAMMED MAJOR INSPECTION FOR Mitsubishi steam turbine TC2F-35.4 250MW FOR STEAM TURBINE PARTS (HP TURBINE, LP TURBINE, 6 JORNAL BEARING, THRUST BEARING, .....ETC.).
  - INVOLVED IN THE PROGRAMMED MAJOR INSPECTION FOR Mitsubishi steam turbine TC2F-35.4 250MW VALVES FOR (HPSV, HP CV, ICV, RSV, LPCV and LPSV) .....ETC.).
  - INVOLVED IN MAINTENANCE FOR STEAM TURBINE AUXILIARIES (MAIN LUBE OIL AND HYDRULIC SYSTEM, VACCUM SYSTEM, GLAND STEAM SYSTEM, ETC.).
- Follow up all site mechanical maintenance activities for steam turbine Ansaldo 250MW AI-Atf CAPP.
- The warranty overhaul inspection for steam turbine and valves and steam turbine auxiliaries.
- Follow up all site mechanical maintenance activities for General Electric (GE) gas turbines such as:
  - 4 Combustion Inspections (CI), Nubarria Site the programmed schedule inspection every 8000 EOH.
  - 2 Combustion Inspections (CI), El-Kureimat Site the programmed schedule inspection every 8000 EOH.
  - 4 Major Inspections the programmed schedule inspection at 50000 EOH.
  - Full awareness for using ITH and High torque Machines.
  - Participate in compressor blades repair and change.

- Borescope inspection for all gas turbine sectors.
- Participation in Generator Hydrogen Seal replaces and repairs.
- Participation in 4 Generator Warranty inspections.
- Participate in Bearing No.1, 2, 3, 4 and thrust bearing inspection.
- Make NDT for all bearings and blades.
- Take all clearances referring to all Compressor and Turbine sections.
- Participate in wet tie modification on Generator.
- Participate in all warranty inspection tests.
- Participation in GE gas turbine frame 9FE at Damietta project (500MW) with KHARAFI NATIONAL Company.
- Follow up all site mechanical commissioning activities in Alexandria National Refine & Petrochemical (ANRPC): Work as Mechanical Commissioning Technician for boiler (steam blow, chemical cleaning, ...).