

Holds a Mechanical Diploma and has about 14 years' experience working as Millwright at Nubaria Combined Cycle Power Plant.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 28/09/1985  
Gender : Male  
Marital Status : Married  
Residence : El-Behira

## EDUCATION

: Mechanical Industrial (Construction Dept.) (3 years)

## LANGUAGES

Arabic : Native Language  
English : Fluent

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From 2009 till now  
**Employer** : Middle Delta Electricity Production Company  
**Project** : Nubaria Combined Cycle Power Plant 2250MW  
(consists of 4 gas turbines SIEMENS V94.3 A2, two Mitsubishi TC2S, two gas turbines GE MS9001FA and one ALSTOM steam turbine)  
**Job title** : Millwright  
**Job Description** :

- Follow up all site operation activities for static equipment, such as:
  - Valves.
  - Boilers.
  - Furnaces.
  - Heat exchangers (shell and tubes, plate and frame, air coolers).
  - Pressure vessels (drums, columns, reactors, filters).
- Operation and maintenance of static equipment such as valves, boilers, furnaces, heat exchangers and Pressure vessels (drums, columns, reactors, filters).
- Start-up, monitoring normal operation and shutdown of the static equipment.
- Doing the static equipment maintenance schedules (daily – weekly – monthly - ...etc.).
- Monitoring auxiliaries of the site.
- Attend Major inspection at (Harad Power Plant - KSA) under Saudi ARAMCO Supervision with GE teamwork "Frame 5E".

- I have a good knowledge about the spare parts of GE MS9001FA gas turbines.
- I have a good knowledge about the special tools of the GE MS9001FA gas turbines.
- Attending 4 Combustion Inspections (CI) at Nubaria Site the programmed schedule inspection every 8000 EOH.
- Attending 4 Major Inspections at the programmed schedule inspection at 50000 EOH.
- Full awareness for using ITH and High torque Machines.
- Participation 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.
- Participation 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.
- Participation in wet tie modification on Generator.
- Participation in all warranty inspection tests.
- Maintenance of trash rack.
- Maintenance of traveling screens.
- Doing the maintenance schedules (daily – weekly – monthly - ...etc.).
- Maintenance of the Atlas Copco compressors.
- Involved in a GE MS9001FA gas turbines major inspection outage after surge accident to the compressor so work with GE team open the entire machine for inspection and change the damage part.
- 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 PROGRAMED MAJOR INSPECTION FOR Mitsubishi steam turbine TC2F35.4” 250MW FOR STEAM TURBINE PARTS (HIP TURBINE, LP TURBINE, 6 JORNAL BEARING, THRUST BEARING, ...ETC.).
- INVOLVED IN THE PROGRAMED MAJOR INSPECTION FOR Mitsubishi steam turbine TC2F35.4” 250MW VALVES FOR (HPSV, HP CV, ICV, RSV, LPCV, and LPSV) ...ETC.).

**Field of experience :**

- Turbines.
- Compressor.
- Gear box.