

Holds a Mechanical Diploma and has about 12 years hands-on experience working as Mechanical Fitter at Nubaria Combined Cycle Power Station.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 04/08/1972  
Gender : Male  
Marital Status : Married  
Residence : Damanhour

## EDUCATION

: Mechanical Diploma from Industrial Technical Institute in Mahmoudia, 1990

## LANGUAGES

Arabic : Native Language  
English : Good

## TRAINING COURSES AND CERTIFICATIONS

: Training for mechanical maintenance for gas turbine SIEMENS SGT5-4000F by Siemens Company, Nubaria Power Plant.  
: Training course of Industrial safety precautions.  
: Training course of Definition of electrical power stations.

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From 2006 till now  
**Employer** : Middle Delta Electricity Production Company (MDEPC)  
**Project** : Nubaria Combined Cycle (2x750MW) Power Station:

- Two modules, each module consists of:
  - Two Siemens CTG 250MW type V94.3A
  - Two horizontal Alstom HRSG
  - One Mitsubishi STG 250MW (HP, IP, LP)
- 220KV switchyard, 500KV switchyard
- Four tie transformers 500/220KV
- Medium and Low Voltage Switchgears
- 8 outgoing circuits 220KV, 2 outgoing cir. 500KV

**Job title** : Mechanical Fitter

- Job Description** :
- Make minor inspection to 4 units SIEMENS each unit two times.
  - Make hot gas inspection to 4 units SIEMENS gas turbine.
  - Make major maintenance to 4 units SIEMENS gas turbine.
  - Make major inspection to 3 units SIEMENS gas turbine after surge incident.
  - Replacing of the combustion chamber tiles (ceramic and metallic).
  - Removing and re-installing the burners, swirls & inserts.
  - Replacing of thermo couples of burners.
  - Replacing the igniters of the burners.
  - Maintenance of blow off valves.
  - Maintenance of Bog compressors.
  - Maintenance of trash racks.
  - Maintenance of traveling screens.
  - Doing overall maintenance of burners and cleaning of swirls for the six gas turbines of Talkha Power Station and Nubaria Power Station.
  - Replacing of air intake filters.
  - Warranty Major inspection for two units steam turbine at Nubaria (Mitsubishi TC2S 250MW) (May 2008 and Nov. 2010) (Removing the casing, removing the fixed vans, inspection of the rotor and inspection of the bearings).
  - Also work for steam turbine valves remove, open, inspection and cleaning (HP STOP AND CONTROL, REHEAT STOP & CONTROL, LP STOP & CONTROL) valves.
  - The Major inspection for two units steam turbine at Nubaria (Mitsubishi TC2S 250MW) (Mar. 2016 and Nov. 2016) (Removing the casing, removing the fixed vans, inspection of the rotor and inspection of the bearings).
  - Also work for steam turbine valves remove, open, inspection and cleaning (HP STOP AND CONTROL, REHEAT STOP & CONTROL, LP STOP & CONTROL) valves.
  - Make major inspection to 2 units GE MS9001FA gas turbine.
  - Make CI for 2 units GE MS9001FA gas turbine.
  - Doing the maintenance schedules (daily - weekly - monthly - ...etc.).
  - Maintenance of the Atlas Copco compressors of the air intake.
  - Also we did together the cold commissioning of the fuel oil for four units of Nubaria Power Station.
  - Also we did together the hot commissioning of the fuel oil for four units of Nubaria Power Station.
  - Good knowledge about the spare parts of V94.3A (2) gas turbines.
  - Good knowledge about the special tools of the V94.3A (2) gas turbines.

**Further experiences :** Work as a Mechanical Construction Fitter in fast track Sharm El-Sheikh 250MW Simple Cycle, in this period I worked with construction team as a Mechanical Fitter for construction of GE gas turbine LM6000.