

Holds an Industrial Diploma (mechanical erections) and has about 16 years hands-on experience working in construction, maintenance and commissioning.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 01/02/1983  
Gender : Male  
Marital Status : Married  
Residence : Damanhour

## **EDUCATION**

: Industrial Diploma (mechanical erections), 1999

## **LANGUAGES**

Arabic : Native Language  
English : Fluent

## **COMPUTER SKILLS**

: Windows, MS Office (Word, Excel, Power Point), Internet

## **TRAINING COURSES AND CERTIFICATIONS**

: Gas turbine maintenance course for 5 days.  
: Erection & operation and maintenance of solar treatment plant training for 10 days.

## **CHRONOLOGICAL EXPERIENCE RECORD**

**Dates** : From 2017 till now  
**Employer** : [EGYPTROL](http://www.egyptrol.com), SIEMENS AG Subcontractor  
**Project** : Burullus POWER PLANT  
**Job title** : Mechanical Technician

**Dates** : From 2006 till 2017  
**Employer** : Middle Delta Electricity Production Company  
**Project** : Nubaria Combined Cycle Power Plant (2250MW)  
(consist of 4 gas turbines SIEMENS V94.3A2, 2 Mitsubishi TC2S, 2 GE gas turbines GE MS9001FA and 1 ALSTOM steam turbine)

- Job title** : Mechanical Maintenance Technician
- Job Description** :
- Follow up all site mechanical maintenance AND CONSTRUCTION activities for Alstom 250MW steam turbines Nubaria CCPP such as:
    - INVOLVED IN 1 MAJOR INSPECTION FOR THE ALSTOM 250MW STEAM TURBINE.
    - INVOLVED IN BEARINGS INSPECTION FOR STEAM TURBINE AND MODIFICATION FOR BEARING 1.
    - INVOLVED IN STEAM TURBINE CONSTRUCTIONS ACTIVITIES IN NUBARIA PROJECT.
    - INVOLVED IN STEAM TURBINE COMMISIONING AND START-UP ACTIVITIES IN NUBARIA PROJECT.
  - Follow up all site mechanical maintenance activities for SIEMENS SGT5-4000F 250MW gas turbines Nubaria CCPP 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 scheduled inspection T 50000 EOH.
  - Follow up all site mechanical maintenance activities for steam turbine Mitsubishi TC2F-35.4 250MW Nubaria CCPP 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 PROGRAMED MAJOR INSPECTION FOR Mitsubishi steam turbine TC2F-35.4 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 TC2F-35.4 250MW VALVES FOR (HPSV, HP CV, ICV, RSV, LPCV and LPSV) ....ETC.).
    - INVOLVED IN MAINTENANCE FOR STEAM TURBINE AUXILIRIES (MAIN LUBE OIL AND HYDRULIC SYSTEM, VACCUM SYSTEM, GLAND STEAM SYSTEM, ETC.).
  - Follow up all site mechanical maintenance activities for General Electric (GE) gas turbines such as:
    - Good knowledge about the spare parts of GE MS9001FA gas turbines.
    - Good knowledge about the special tools of the GE MS9001FA gas turbines.
    - 4 Combustion Inspections (CI), Nubaria Site the programmed schedule inspection every 8000 EOH.
    - 2 Combustion Inspections (CI), Kuriemat 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.
- 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.
- Follow up all site mechanical commissioning activities for SIEMENS gas turbines SGT5-8000H in BURULLUS CCPP such as:
  - Work as a Mechanical Supervisor commissioning in Burullus 4800MW CCPP under the supervision and instruction for SIEMENS to complete with Siemens commissioning team the pre-commissioning and cold & hot commissioning for the SGT5-8000H frame.
  - Changing the oil box for turbine bearing.
  - Change turbine bearing tilting pad.
  - Flushing for MBX.
  - Change lift oil pump no off 3.
- Follow up all site mechanical commissioning activities for SIEMENS gas turbines SGT5-8000H in New Capital CCPP such as:
  - Work as a Mechanical Commissioning in New Capital Power Plant 4800MW CCPP, in this period I have work with construction and commissioning team as a Mechanical Fitter for the pre-commissioning and commissioning of SIEMENS gas turbine SGT5-8000H.
  - Changing the oil box for turbine bearing.
  - Change turbine bearing tilting pad.
  - Flushing for MBX.
  - Change lift oil pump no off 3.
  - Inspection for compressor bearing of Siemens gas turbine SGT5-8000H.

**Dates** : From 2005 till 2006  
**Employer** : KAHROMICA (MITSUBISHI Project)  
**Project** : Nubaria Power Station 1500MW Combined Cycle  
**Job title** : Mechanical Maintenance Technician

**Dates** : From 2004 till 2005  
**Employer** : ALEX Maritime Port at EL-DEKHELA  
**Job title** : Mechanical Maintenance Technician