

Holds a B. Sc. in Mechanical Engineering and has about 19 years hands-on experience working in construction, maintenance, operation, commissioning and start-up at Power Plants.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 08/06/1978  
Gender : Male  
Marital Status : Married  
Residence : Sharkia

## EDUCATION

: B. Sc. in Mechanical Engineering, Zagazig University, 2000

## LANGUAGES

Arabic : Native Language  
English : Excellent

## COMPUTER SKILLS

: Windows, MS Office, Internet

## TRAINING COURSES AND CERTIFICATIONS

- : Training on Maintenance of GE Gas Turbine Frame (9FA) (2013) in Belfort, France.
- : Operation and Maintenance of Gas Turbine in BANHA Power Station, Egypt.
- : Basic Operation Training of GE Steam Turbine in Abu Sultan Power Station, Egypt.
- : Operation of GE Simple Cycle in El-Shabab Power Station, Egypt.
- : Training on Maintenance of GE Gas Turbine Frame (9E) in EL-SHABAB Site.
- : Erection, Operation and Maintenance of Solar Oil Treatment Plant Training by ALFA LAVAL Company in EL-SHABAB Site.
- : Training on Maintenance Steam Turbine and HRSG, Abu Sultan Power Station.

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From 2013 till now  
**Employer** : Middle Delta Electricity Production Company

**Project** : Banha Power Plant CC GAS TURBINE FRAME 9FA GE GAS TURBINE 250MW (2 UNITS) DLN 2.6+

**Job titles** : Mechanical Engineer

**Dates** : From 2009 till 2013

**Employer** : East Delta Electricity Production Company

**Project** : AL-SHABAB SIMPLE CYCLE GAS TURBINE FRAME 9E GE GAS TURBINE 125MW (8 UNITS)

**Job title** : Mechanical Engineer

**Dates** : From 2002 till 2009

**Employer** : East Delta Electricity Production Company

**Project** : Abu Sultan Steam Power Station (Steam TURBINE 150MW (4 UNITS))

**Job title** : Operation Engineer

- Field of experience** :
- Scope:
    - Perform CI in AL-SHABAB Power Plant:
      - ❖ Remove the Gas Fuel Flex Hose.
      - ❖ Remove the Atomizing Purge Air Lines.
      - ❖ Remove the Fuel Nozzle/Cover and Case Assembly.
      - ❖ Remove the Combustion Liners and Crossfire Tubes.
      - ❖ Remove the Flow Sleeves.
      - ❖ Remove Transition Pieces.
      - ❖ Inspect first-stage nozzle segments.
      - ❖ Reassembly.
    - Perform HGP in Banha Power Plant:
      - ❖ Remove Turbine Compartment Roof Sections.
      - ❖ Combustion Inspection Disassembly.
      - ❖ Take Opening Compressor and Turbine Rotor Position Check.
      - ❖ Remove Upper-Half Cooling and Sealing Air Piping.
      - ❖ Remove Turbine Casing Bolts and First-Stage Nozzle Top Key.
      - ❖ Remove Upper-Half Turbine Casing.
      - ❖ Remove Upper-Half First-Stage Nozzle.
      - ❖ Remove Upper-Half, First-Stage Nozzle Support Ring.
      - ❖ Take Turbine Clearance Checks.
      - ❖ Remove Lower-Half Second- and Third-Stage Nozzle Segments.
      - ❖ Remove Upper-Half Second- and Third-Stage Nozzle Segments.
      - ❖ First-, Second- and Third-Stage Buckets.
      - ❖ Shroud Blocks.
      - ❖ Second- and Third-Stage Diaphragm Segments.
      - ❖ Reassembly.
    - Perform MI in Banha Power Plant:
      - ❖ Follow up all gas turbine construction activities.
      - ❖ Follow up all gas turbine commissioning activities.
      - ❖ Follow up all gas turbine start-up activities.
      - ❖ Follow up all routine maintenance of Gas Turbine.
  - Duties & Responsibilities:

- Assign preventive and corrective maintenance.
- Develop, supervise and co-ordinate plant maintenance activities.
- Plan and inspect completed work on plant device.
- Maintain records, prepare reports and compose correspondence relative to work.
- Assist Maintenance Manager in planning and scheduling outage works with due regard to annual scheduled maintenance plan.
- Assess plant needs for spare parts & supplies and generate material requisitions.
- Co-ordinate with Stores and Procurement for stock inventory.
- Understand risks / hazards and Environmental related to work activities.
- Follow up All Site Mechanical Construction Activities.
- Reviewing and Revise All Submittals with the Contracts.
- Receive, Inspect and Storage the Spare Parts.
- All necessary standard tools & special tools.
- Assign preventive and corrective maintenance of steam turbine and HRSG.
- Perform full LOTO.