

Holds a B. Sc. in Mechanical Power Engineering and a Diploma in Thermal Engineering. Has more than 22 years hands-on experience in Power Plants operation & maintenance.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 02/05/1961  
Gender : Male  
Marital Status : Married  
Residence : Assiut

## EDUCATION

: B. Sc. in Mechanical Power Engineering, Assiut University, 1989  
: Diploma in Thermal Engineering, Assiut University, 1998

## LANGUAGES

Arabic : Native Language  
English : Good

## COMPUTER SKILLS

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

## TRAINING COURSES AND CERTIFICATIONS

: Training course Operation in Thermal Power Plant, North Cairo Power Plants Training Centre.  
: Training course in Operating Thermal Power Plant, Abu Qir Thermal Power Plant Centre.  
: Training course in industrial safety.  
: Training course in operation and maintenance on Welediah Thermal Power Plant 2x300MW.

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Mar. 2010 till now  
**Employer** : Upper Egypt Electricity Production Company (UEEPC)

- Project** : Assiut Thermal Power Plant 2x320MW:
- MITSUBISHI ball firing dual fired (N.G. /HFO) drum type, forced circulation, reheat boiler with 2 x 50% FD /GR fans, air heater, Soot blowers, etc.
  - ANSALDO front & rear burners dual fired (N.G./HFO) drum type, natural water circulation, reheat boiler with 2 x 50%FD/GR fans, air heater, Soot blowers, etc.
  - Toshiba STG with H, IP and LP cylinders, H2 cooled Generator and FRANCO TOSI river water cooled Condenser with C.H. ZIKESCH GMBH. HP, SULZER LP Steam Bypass systems.
  - ANSALDO STG with H, IP and LP cylinders, H2 cooled Generator and river water cooled Condenser with REXROTH HP/LP Steam Bypass systems.
  - BOP including 7 Stage regenerator feed water heaters, Circulating water, 2x 50% MFWP and 1x 100% TFWP, Closed cooling water, Compressed air, EDG, Fuel handling, Ball cleaning, Aux Boiler and TELEDYNE ENERGY H2 production Systems.
- Job title** : Head of Turbine Maintenance Department
- Job Description** :
- Manage and coordinate turbine equipment maintenance activities.
  - Manage and prioritize workloads.
  - Make analyses for trouble-shooting.
  - Prepare procedure for systematic and sequential pre commissioning / commissioning / start-up of equipment after maintenance from the engineering / technical documents / vendor information.
  - Supervise work according to routine maintenance schedules for power plant and equipment.
  - Ensure the setting up of safety and precautionary requirements and procedures are followed before, during and after maintenance.
  - Experience working twice with Toshiba Comp. on Turbine & Generator major overall maintenance at Assiut Thermal Power Plant 320MW for three months each time.
  - Experience working twice with Ansaldo Comp. on Turbine & Generator major overall maintenance at Assiut Thermal Power Plant 320MW for three months each time.
- Dates** : From Dec. 2009 till Mar. 2010
- Employer** : PEMCO (ALSTOM)
- Project** : SHOAIBA THERMAL POWER STATION (KSA)
- Job title** : Senior Turbine Maintenance Engineer
- Job Description** : Overhaul maintenance for many large BFP and other auxiliary system of steam turbine such as (seal oil, EHC sys. – debris filter – ball cleaning sys. – traveling screen ....etc.).
- Dates** : From Jun. 2005 till Dec. 2009
- Employer** : Upper Egypt Electricity Production Company (UEEPC)
- Project** : Assiut Thermal Power Plant 2x320MW
- Job title** : Senior Turbine Maintenance Engineer

**Dates** : From Aug. 2001 till Jun. 2005  
**Employer** : Upper Egypt Electricity Production Company (UEEPC)  
**Project** : Assiut Thermal Power Plant 2x320MW  
**Job title** : Steam Turbine Maintenance Engineer  
**Job Description** :
 

- Maintenance Engineer to do analysis and repair trouble shooting for steam turbine and its auxiliaries such as pumps, heaters, valves and pipelines and measuring tolerances, diminutions or standard to repair or replace damage parts and make contact with specialized companies to buy theme.
- Make overhaul maintenance of steam turbine according to schedule table of outage. I shared in overhaul maintenance for 300MW unit with INSALDO Co. for 8 month. And TOSHIBA turbine overall (main turbine and BFP-turbine).
- Overhaul maintenance for many large BFP and other auxiliary system of steam turbine such as (seal oil, EHC sys. – depris filter – ball cleaning sys. – traveling screen ....etc.).
- I shared making overhaul maintenance for BFP-T (1200 ton capacity).

**Dates** : From Apr. 1994 till Aug. 2001  
**Employer** : Upper Egypt Electricity Production Company (UEEPC)  
**Project** : Assiut Thermal Power Plant 2x320MW  
**Job title** : Shift Charge Engineer  
**Job Description** :
 

- Making daily technical reports about the unit's abilities & efficiencies for Head of Operation department.
- Supervise and distribute work during the shift.
- Receive and carry out instructions from the power station management.
- Brief, instruct and train subordinate staff according to instructions issued.
- Issue switching instructions prior to issuing a permit to work if the Operation Engineer does not issue them.
- Carry out/supervise and ensure that safe and proper switching is carried out.
- Issue Permit-to-Work, Sanction-for-Test and Limitation-of-Access in accordance with regulations.
- Carry out switching as authorized by the management.
- Maintain files and records of instructions, memoranda, etc. in good order.
- Supervise personnel safety and report all hazardous events and accidents.
- Report verbally, and in writing, any faults that have occurred.
- Keep records of operations, faults, switching, hydrological conditions, etc.
- Attend to faults that have occurred in order to rectify them himself or call for assistance as soon as possible (with due regard to instructions issued).
- At shift change, inform the next shift about the current operating situation, orders, issued Permits-to-Work and any other matters that are necessary to know for the operation of the power station.
- Hand over the plant from maintenance in line with the operation schedules and requirements.