

Holds a B. Sc. in Mechanical Power Engineering and a Diploma of Quality system and management. Has about 15 years hands-on experience working mainly in operation, commissioning and start-up at El-Kureimat Power Plant.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 17/08/1983  
Gender : Male  
Marital Status : Married  
Residence : Giza, Cairo

## EDUCATION

: B. Sc. in Mechanical Power Engineering, Minia University, 2005

## LANGUAGES

Arabic : Native Language  
English : Good

## COMPUTER SKILLS

: Windows, MS Office, Internet

## TRAINING COURSES AND CERTIFICATIONS

- : Diploma of Quality system and management, Fayoum University (2019-2021).
- : Operation of steam turbine, Hitachi:
  - Overview process control system MARKVI.
  - Process start-up, operation and shut-down.
  - Overview Steam Turbine and its Auxiliaries.
  - Mechanical, Electrical Equipment operation and trouble shooting.
- : Operation of heat recovery steam generator and auxiliaries, CMI / Skoda Praha:
  - Overview process control system Ovation OV010.
  - HRSG alarms and HRSG tripe.
  - HRSG start-up and shutdown.
  - HRSG logics.
- : Operation of gas turbine:
  - Overview GT packages.
  - Controller functions overview.

- Operating point displays and logs.
- Process start-up, operation and shutdown.
- Monitoring fault analysis and alarm sequence display.

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Dec. 2016 till now

**Employer** : Upper Egypt Electricity Production Company (UEEPC)

**Project** : El-Kureimat Combined Cycle 750MW:

- Two gas turbines (Siemens v94.3A) 2x250MW.
- Two heat recovery steam generators designed by SKODA & CMI Co.
- One Steam turbine of 250MW designed by Hitachi Co.

**Job title** : Shift Charge Engineer

**Job Description** :

- To supervise and oversee daily plant operations and maintenance performed by the operations shift team in order to ensure that operational targets are achieved safely, efficiently and within the company rules and procedures, O&M guidelines, legal, environmental, contractual and other requirements.
- Identify problems with plant equipment and clearly communicates the conditions associated with these problems to the Plant Maintenance team.
- Ensure the completion of shift round checklists, routine daily/weekly/monthly test checklists and equipment change-over checklists, etc.
- Knowledge of the operating principles of equipment and machinery in the plant.
- Submit the necessary reports and recommendations to the operations manager concerning equipment/plant status and/or any problems.
- Responsible for the generation and sending the Plant's daily data requirement in a timely manner to all applicable parties.
- Co-ordinate with dispatch requirements for safely operation of the plant and for high voltage electrical equipment operation, isolation and maintenance operation.
- Understand and master the Plant Emergency Handling Procedures.

**Dates** : From Mar. 2020 till May 2020

**Employer** : Upper Egypt Electricity Production Company (UEEPC)

**Project** : El-Kureimat Combined Cycle 750MW

**Job title** : Assist Engineer for steam turbine Major Overhaul

**Job Description** :

- Oversee Major Overhaul of Steam Turbine & Electric Generator.
- Prioritize tasks and to manage workloads in an effective manner.
- Check and shore that all activity in site goes parallel with planning date.
- Follow and apply all quality, safety guidelines and company policies.
- Determination of critical spare parts and arranging its availability.
- Participate root cause failure analysis.
- Alignment, Run-out & Oil Flushing.
- Valves Combination Test with HITACHI Expert.
- Execute schedule of commissioning and start-up program.

**Dates** : From Jun. 2019 till Sep. 2019  
**Project** : New Assiut Combined Cycle Power Plant 8x125MW GE Gas turbines frame MS9001E, MARK VIE control system, 8 DOOSAN HRSG and 2x250MW GE steam turbine controlled MARK VIE  
**Job title** : Start-up & Commissioning Engineer  
**Job Description** :

- Applying the project Commissioning Plan in the execution of the work.
- Reviewing drawings and specifications to ensure a thorough understanding of plant operational and safety related issues.
- Start-up and commissioning procedure for air cooling system (ACC) condensate system, feed water system, demine water system, closed cooling, draining system, HP/IP bypass systems.

**Dates** : From Feb. 2017 till May 2017  
**Employer** : Upper Egypt Electricity Production Company (UEEPC)  
**Project** : El-Kureimat Combined Cycle 750MW  
**Job title** : Mechanical Engineer for extended hot gas path inspection (EHGPI) to gas turbine  
**Job Description** :

- Work as Mechanical Coordinator Engineer between contractor and site.
- Control all supervisor, foremen and assign the work to individual employees.
- Follow disassemble and install of all mechanical work and make daily progress for the work.
- Follow maintenance plan execution with timelines & accountabilities.
- Follow up and Make Priority for erection with available martial.
- Make control for all material in store and make request for construction.
- Carrying out quality inspections on maintenance tools to make sure that it works properly.
- Submit the necessary reports and recommendations to the maintenance manager.
- Execute schedule of commissioning and start-up program.

**Dates** : From Aug. 2012 till Dec. 2016  
**Employer** : Upper Egypt Electricity Production Company (UEEPC)  
**Project** : El-Kureimat Combined Cycle 750MW  
**Job title** : Operation Engineer for steam turbine  
**Job Description** : Controlling the operation of 250MW steam turbine and its equipments in a safe and efficient manner during the assigned shift start-up & shutdown STG and its auxiliaries systems using process control system MARK VI, dealing with normal & emergency operation conditions.

**Dates** : From May 2009 till Aug. 2012  
**Employer** : Upper Egypt Electricity Production Company (UEEPC)  
**Project** : El-Kureimat Combined Cycle 750MW  
**Job title** : Commissioning, Start-up & Operation Engineer for HRSG  
**Job Description** :

- Commissioning Engineer to run the commissioning program for HRSG (chemical cleaning, steam blowing, conservation) and its auxiliaries commissioning such as (pumps, valves....etc.).
- Operation Engineer for HRSG ( HRSG pre-start condition, heat release, start-up & safe shutdown and keep it in bypass operation or normal

operation conditions).

**Dates** : From Feb. 2008 till May 2009  
**Employer** : Upper Egypt Electricity Production Company (UEEPC)  
**Project** : El-Kureimat Combined Cycle 750MW  
**Job title** : Operation Engineer for gas turbine  
**Job Description** : Controlling the operation of 250MW gas turbine and its equipments in a safe and efficient manner using process control system also observe the operation of lube oil, hydraulic oil, Pneumatic compressor, service and instrument air compressor, closed and open cooling and all gas turbine auxiliary.

**Dates** : From Jul. 2007 till Sep. 2007  
**Employer** : El Hithem Company to filling petro gas  
**Job title** : Maintenance Engineer  
**Job Description** :

- Design a record for each machine containing operating instructions, routine maintenance procedures and breakdowns.
- Supervise and direct the technicians to routine maintenance for machinery according to work schedules.
- Dealing with emergencies, unplanned problems and repairs.
- Fitting new parts and making sure equipment is working correctly.
- Determination of critical spare parts and arranging its availability.
- Carrying out quality inspections on maintenance tools to make sure that it works properly.
- Keep maintenance department and machinery status reports and report to manager.
- Monitoring work flow and reviewing work methods and procedures.