

Holds a B. Sc. in Mechanical Engineering and has over 14 years' experience working in maintenance / rotating equipment.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 20/08/1983  
Gender : Male  
Marital Status : Single  
Residence : Suez

## **EDUCATION**

: B. Sc. in Mechanical Engineering, Higher Technological Institute at 10<sup>th</sup> of Ramadan City, 2007

## **LANGUAGES**

Arabic : Native Language  
English : Very Good

## **COMPUTER SKILLS**

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

## **TRAINING COURSES AND CERTIFICATIONS**

: Laser Shaft alignment (fixture laser NXA).  
: Ultra sound applications (UE-Ultra probe 15000 touch).  
: Thermal Imaging (FLIR Thermal Imaging Cameras).  
: Basic Machinery Vibration CAT II, RITIC The Condition Monitoring Company.  
: Bearing Technology & Maintenance (WE201), SKF Reliability Systems training course.  
: Bechtel Power Corporation courses:

- Power plant basics training program.
- Power plant advanced training program.

  
: Installation, Operation and Maintenance for the Boiler, Doosan Heavy Industries & Construction Co. Ltd. and Doosan Power Systems.  
: Installation, Operation and Maintenance for Make-Up Demineralizer System and Condensate Polishers system, Veolia water sti.  
: Installation, Operation and Maintenance for Desalination systems, Entropie desalination plants.

- : Trainings at:
  - El Nasr Petroleum Company.
  - Suez Marine Arsenal Company.
  - Oriental Petrochemical Company.
- : ICDL

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Jan. 2019 till now
- Employer** : Power Generation Engineering and Services Company (PGESCO)
- Job title** : Rotary Equipment Engineer
- Job Description** :
- Ability to perform & guide various activities related to rotating equipment like lube oil flushing, alignment, lubrication, vibration checks and analysis & start-up.
  - Ability to perform & guide run test for motors, air coolers pumps and compressors.
  - Ability to perform & guide various activities related to static equipment like proper installation of internat inside the vessels as per drawing & specifications.
  - Ability to produce project specific procedures, Preservation & maintenance check sheets, matrix and schedules.
  - Ability to find out technical problems associated with rotating / static equipment and mechanical packages / valves are identified and resolved or coordinated with the respective vendor.
  - Ability to preserve and maintain rotating equipment after equipment commissioning and start-up.
  - Assessing the requirements of special tools / temporary facilities / equipment required for pre-commissioning and commissioning.
  - Ability to perform & guide in air blowing, flushing, leak testing, drying & inerting of various piping.
  - Ability to perform & guide in various activities such as mechanical interlock, pipeline pigging activities, spring support, hot & cold setting.

- Dates** : From Jun. 2014 till Dec. 2018
- Project** : EL-AIN EL-SOKHNA SUPERCRITICAL THERMAL Power Plant
- Job title** : Rotating Equipment Maintenance Engineer
- Job Description** :
- Applying advanced engineering techniques and analysis to complex designs.
  - Assisting in troubleshooting and continuous improvement projects.
  - Tracking engineering projects from original concept through final implementation and approval.
  - Inspecting equipment for its operating condition and then making any necessary adjustments.
  - Aligning, fitting, and assembling component parts using hand and power tools.
  - Conducting the root cause analysis of mechanical failures.
  - Resolving system malfunctions.
  - Providing technical information to work colleagues.
  - Reviewing Piping Network Designs and Hydraulic analysis calculations.
  - Performing various miscellaneous maintenance duties.

- Conducting frequent project site inspections.
- Providing technical information to senior managers.
- Carrying out Pre-Commissioning and Test procedures.
- Coordinating multiple people & tasks.

**Dates** : From Jun. 2011 till Jun. 2014  
**Project** : EL-AIN EL-SOKHNA SUPERCRITICAL THERMAL Power Plant  
**Job title** : Boiler Engineer at Boilers Department  
**Job Description** :

- Pursuance and follow up constructions of the BOILERS.
- Doing test for all systems for the BOILERS.
- Receipt all the systems in the BOILERS.
- Pursuance and follow up constructions of the WATER TREATMENT AND DESALINATION SYSTEMS.
- Doing test for all systems for the WATER TREATMENT AND DESALINATION SYSTEMS.
- Receipt all the systems in the WATER TREATMENT AND DESALINATION SYSTEMS.
- Pursuance and follow up maintenance work at commissioning time.

**Dates** : From Feb. 2009 till Jun. 2011  
**Employer** : EL-NASR FOR FERTILIZER AND CHEMICAL INDUSTRIES COMPANY  
**Job title** : Maintenance Engineer  
**Job Description** :

- Responsible for periodical maintenance and protection maintenance tasks planning and execution.
- Responsible for trouble shoots service repair (pumps, fans & gear box).
- Responsible for trouble shoots service repair (heat exchangers & pressure vessels)
- Have knowledge of many types of welding.
- Capable of working on almost part in any pump.
- Prepare daily, monthly reports for maintenance activities.