

Holds a B. Sc. in Mechanical Power Engineering and has over 3 years hands-on experience working as Maintenance Engineer and Field Operation Engineer.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 01/06/1990  
Gender : Male  
Marital Status : Single  
Residence : Suez

## **EDUCATION**

: B. Sc. in Mechanical Power Engineering, Benha University, 2012

## **LANGUAGES**

Arabic : Native Language  
English : Good

## **COMPUTER SKILLS**

: Windows, MS Office, Internet

## **TRAINING COURSES AND CERTIFICATIONS**

- : Egyptian Fertilizers Company (EFC) (3 months):
  - Training in turbo machinery maintenance department (centrifugal pumps - screw pumps - steam turbines - centrifugal compressors - rotary compressors - bearings and mechanical seal, sealing systems, gear boxes).
  - Training in general maintenance department (valves, heat exchangers, boilers, vessels, separators).
- : Centrifugal pump operation and maintenance, Suez Engineering Syndicate.
- : Advanced bearing course at SKF.
- : Billet caster mech. & hydraulic maintenance - DANIELI Training Center.
- : Advanced hydraulic circuits - Faculty of Engineering, Cairo University.
- : Material classification and selection, Suez Engineering Syndicate.
- : Introduction for rotating equipment, Suez Engineering Syndicate.
- : Turbo machinery diploma at Egycet, Engineering Syndicate (Cairo).
- : Revit MEP 2012
- : Internet, Word, Windows, Excel, Access

- : Firefighting Training, General Directorate for Human Resources Development (SOPC).
- : Vibration Analysis Introduction, Suez Engineering Syndicate.
- : Bearing Technology and Maintenance, Suez Engineering Syndicate.

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Oct. 2016 till now
- Employer** : Ezz Flat Steel Company
- Job title** : Maintenance Engineer
- Job Description** :
- Responsible for inspection, repair, troubleshooting and defining job methods and studies for repetitive and important jobs.
  - Establishing and Monitoring the preventive and corrective maintenance plans for all Thin slab caster mechanical and hydraulic equipment.
  - Complete overhauling and routine maintenance for different types of pumps (centrifugal, gear, piston, screw).
  - Recommending, establishing and updating spare parts requirements.
  - Preparing to deal with Maintenance Management system software (CMMS) (oracle).
  - Follow up and order the spare parts for all TSC and BCCM equipment's.
  - Responsible for maintenance of Thin slab casting machine and Billet continuous Casting machine mechanical and hydraulic units.

- Dates** : From May 2015 till Oct. 2016
- Employer** : C.G.N (China General Nuclear Power Corporation)
- Project** : Suez Gulf Power Station
- Job title** : Maintenance Engineer
- Job Description** :
- Carry out maintenance activities for plant equipment:
    - Steam Turbines (TOSHIBA – 2x342MW).
    - Boiler Feed Water Pumps.
    - Sea water pumps.
    - Compressors.
    - Boiler Fans.
    - Boilers and Auxiliaries (Foster Wheeler).
  - Root Cause analysis for equipment and diagnostic of required maintenance work.
  - Performing predictive and Preventive maintenance activities.
  - Undertake effective planning and prioritization of workload for maintenance activities.

- Dates** : From May 2014 till May 2015
- Employer** : E.D.F. (Electricité De France)
- Project** : Suez Gulf Power Station (Steam Power Plant, 2x342MW)
- Job title** : Field Operation Engineer
- Job Description** :
- Inspections and safe operation during start-up, shutdown, normal operation and emergency situations of power generating unit equipments such as:
    - Water tube boiler up to 1100 ton/hour (FOSTER WHEELER).
    - Steam turbine, Tandem Compound Double Flow Reheat Turbine

(TOSHIBA).

- Operate plant common auxiliaries such as:
  - Auxiliary boiler (Babcock & Wilcox, water tube, 45 t/hr).
  - Gas turbine (TumaTurbo Mach S.A, 18MW).
  - Emergency diesel (1MW).
  - De-mineralized water plant (Metito Co.).
  - Desalinated water plant.
  - Chlorination plant.
  - Compressors (Comp Air, Atlas Copco).
  - Chillers (Bitzer), Dryers, H2 Generation unit (PEM, Proton Exchange Membrane).
- Responsible for raising fault notification on equipment's vital to the continuous safe operation of the plant.
- Perform Tag out and Lock out procedures for electrical and mechanical equipments.
- Member of ERT (Emergency Response Team).