

Holds a B. Sc. in Mechanical Engineering and has over 4 years experience in maintenance of rotating equipment.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 10/07/1995  
Gender : Male  
Residence : Nasr City, Cairo

## EDUCATION

: B. Sc. in Mechanical Engineering, Arab Academy for Science and Technology & Maritime Transport, 2018

## LANGUAGES

Arabic : Native Language  
English : Good

## COMPUTER SKILLS

: Windows, MS Office, Internet  
: AutoCAD  
: Solid Works  
: HAP  
: Fluent  
: Yokogawa

## TRAINING COURSES AND CERTIFICATIONS

: Certified Machinery Lubrication Analysis MLA1, The International Council for Machinery Lubricant (ICML) (Nov. 2023).  
: Certified Vibration Analysis CAT-2, Vibration Institute (Jul. 2023).  
: Basic Rigging and Slings Course, Al-Mansoori Petroleum Services (Jun. 2023).  
: Mechanical and Dry Gas Seal, Sahara Technical Institute (Nov. 2022).  
: Gas Compressor Operation and Maintenance, ENPPI (Nov. 2022).  
: Instrumentation Diploma, MS Industrial Technology (Jun. 2022):

- Pressure Instruments.
- Level Instruments.
- Flow Instruments.

- Control Valves and Instruments.
- : Calibration, use and uncertainty evaluation of simple measuring tools, National Institute of Standards (Feb. 2022):
  - Micrometers.
  - Calipers.
  - Indicators.
  - Rulers.
  - Measuring Tapes.
- : High Impact Presentations (Presentation Skills), The Dale Carnegie Training (Sep. 2021).
- : General Engineering Courses in Steel Plant, Al Ezz Dekheila Steel Co. (May 2021):
  - Metallurgical Courses.
  - Electrical Courses.
  - Safety Courses.
  - Mechanical Courses.
  - Language Courses.
  - Management and Business Courses.
- : Technicians for Africa, Caterpillar (Apr. 2021).
- : Basic Control, HA Consulting Group (Feb. 2021):
  - Classic Control.
  - PLC Basic Programming.
  - Motors Drives Systems.
  - Sensors.
- : HYDRAULICS COURSE, O-Ring (Mar. 2020):
  - Oils and filtration.
  - Pumps.
  - Valves.
  - Actuators.
  - Accessories.
  - Bar Trimming Machine Circuit (case study).
  - 928 G CAT wheel type loader Circuit (case study).
- : OIL & GAS SKILLS, OGS Alex Branch (Mar. 2018):
  - Machine alignment and balancing.
  - Gas compressors.
  - Pumps.
  - Gas turbine.
  - Vibration monitoring and analysis for turbo machinery protection system.
- : HVAC COURSE, Engineering House (Dec. 2017):
  - Calculating cooling load with HAP and Autodesk Revit.
  - Duct design with Autodesk AutoCAD and Revit.
  - Selecting FCU & AHU from catalogue.
  - Design projects by Revit MEP.
- : SOLID WORKS, Arab Academy for Science and Technology (Apr. 2017):
  - SOLID WORKS Essentials.
  - SOLID WORKS Drawings.
  - Assembly Modeling.
- : Self Studied Courses:
  - Design and economic analysis of stand-Alone PV system.
  - Automotive computational fluid dynamics simulation of a car using fluent.

- Fluid mechanics and hydraulics.
  - Automotive technology.
  - Design a condenser.
- : Gulf of Suez Petroleum Company:
- Training at Gas Plant District (Jul. 2017): Safety rules, Pumps maintenance, gas processes, diesel engines, control room.
  - Training at Ras Shokeir District (Aug. 2016): Gas turbine operation & maintenance, pumps station, compressor operation, valves.

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From May 2022 till now  
**Employer** : Gulf of Suez Petroleum Co. (GUPCO)  
**Job title** : Rotating Equipment Engineer  
**Job Description** :

- Responsible for operation and maintenance procedures on all rotating equipment on the offshore platform including (SULZER gas turbines, centrifugal compressors, air compressors, fire pumps, vertical turbine pumps, gas & diesel generators and all auxiliary systems (PLC control system by Siemens, UPS system by statron, gas processing system, MCC system by Furnas, pneumatic control elements, fire monitoring system and conditioning monitoring system, etc.).
- Pursue the operation parameters of platform and cooperate with operation division to maintain the processes are in line with equipment design parameters.
- Follow up & review spare parts required for turbine department, spare parts stock levels, spare parts quotations and inspection of material after arrived to warehouse.
- Participate and pursue complete major overhauling activities such as gas compressors and gas turbine, besides making a work standard for these activities.

**Dates** : From May 2021 till May 2022  
**Employer** : Al Ezz Flat Steel (Ezz Steel)  
**Job title** : Mechanical Engineer  
**Job Description** :

- Responsible for preventive and corrective maintenance activities for all hydraulic circuits and components at Al Ezz Flat Steel.
- Leading the staff of hydraulic repair shop.
- Prepare the spare parts for mechanical maintenance activities.
- Participate in meetings as a key person to discuss various maintenance activities and make decisions.

**Dates** : From Dec. 2020 till May 2021  
**Project** : The Screw Pump Lifting Station in El-Salam City  
**Job title** : Mechanical Engineer  
**Job Description** :

- Responsible for mechanical maintenance activities for Archimedes screw pumps, gearboxes, overhead cranes, couplings, Bearings, diesel engine, electric actuators and electric motors.
- Use MASTER program to oversee planned maintenance.
- Participate in daily maintenance and breakdowns troubleshooting

activities.

- Responsible for the continuous running of plant during shift.
- Prepare the spare parts for mechanical maintenance activities.
- Participate in meetings as a key person to discuss various erection activities and make decisions.

**Dates** : From Jan. 2020 till Dec. 2020  
**Employer** : Abo Gemeaa for Ready Mix Concrete  
**Job title** : Mechanical Maintenance Engineer  
**Job Description** :

- Responsible for all preventive and proactive maintenance Procedures on all equipment in the plant including (Schwing concrete pumps, Mercedes-Benz concrete mixer trucks, BHS Twin Shaft Concrete Mixer, water cooled chiller, compressors, pumps and CAT generator C15).
- Get understand how to track problems and how to search for Solutions.