

Holds a B. Sc. in Mechanical Power Engineering and has more than 5 years of experience specializing in Engineering and Utilities Management Energy saving, business management.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 18/06/1992
Gender : Male
Marital Status : Married
Residence : Qalubia

EDUCATION

: B. Sc. in Mechanical Power Engineering, Tanta University, 2015

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD
: Solid Works

TRAINING COURSES AND CERTIFICATIONS

- : CORC - Cairo Oil Refining Co. (Aug. 2012): it was training with many of the practical experience gained with dealing in the site with the technicians and engineers of the site followed by the process of production of oil and equipment used from pumps and furnaces and global standard for the oil production process and also the importance of safety within the site and identify the tasks of personal protection.
- : West and Central Delta Transport and Tourism Company (Jul./Aug. 2012): during this training in the maintenance workshops of the company gained many experiences in maintenance of heavy vehicles stratges and maintenance of different parts of engines and fuel pumps, injection, air conditioning system, ECU unities and understand engine management parameters.
- : In the art and science of Neurons linguistic programming (Jul./Aug. 2010).
- : 2013 formula student certification or participation by Institution of mechanical engineers.

- : Data challenger track, Udecity online (Oct. 2021).
- : Six sigma principles, Coursera online (Sep. 2020).
- : The complete business process management master class, Udemy online (Aug. 2020).
- : Operations management, Udemy online (Aug. 2019).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Sep. 2021 till now
- Employer** : ENCID, Robiyce, Badr City
- Job title** : Utilities & Energy Section Head
- Job Description** :
- Create and periodic update of site facility master plan in accordance to company standards to make a balance between machine and utilities capacity, demand and business plan.
 - Setting of site projects capital investment plans as per business needs and priorities, to ensure that the site is prioritizing and choose wisely in where, how and when to invest our available funds and drive capital efficiency.
 - Monitor and control yearly capital planning, phasing and regular expenditure.
 - Lad the implementation of new working practices and procedures to achieve continuous improvement in working process and maximize individual performance of Energy team.

- Dates** : From Jan. 2020 till Sep. 2021
- Employer** : El-Heisn, 10th of Ramadan City
- Job title** : Energy & Utilities Team Leader
- Job Description** :
- Reduction of gas consumption by unit of product by 5 % from the past year.
 - Reduction water consumption per unit of product by 8 % from the past year.
 - Perform on-site assessments, including detailed data collection and performance testing.
 - Obtain utility usage and analyse to isolate high usage components / Tasks.
 - Audit reports summarizing findings, financial analysis, and recommendation.
 - Assist in the development of operation tools to improve quality and reduce time to complete audits.
 - Supervise the utilities team daily tasks, boilers operation and Energy resources management.
 - Conducting energy efficiency studies.
 - Develop and/or review technical reports, engineering calculations, and life cycle cost.

- Dates** : From Dec. 2018 till Jan. 2020
- Employer** : El-Heisn, 10th of Ramadan City
- Job title** : Utilities Engineer

- Job Description** :
 - Carrying out routine scheduled maintenance work and responding to equipment faults (Compressors, steam boilers, water treatment chemical analysis).
 - Operation and Maintenance of Boiler, Waste Water Treatment Plant and Fire Protection System.
 - Maintenance of Air Compressor, industrial water treatment and Generator.
 - Identified energy cost saving opportunities.
 - Develop energy usage and intensity regression models for measurement and verification of energy savings.
 - Identify and analyse energy conservation measures for new and existing machines utilizing spread sheets.
 - Improve manufacturing efficiency by analyzing and planning workflow, space requirements, and equipment layout.
 - Keep equipment operational by coordinating maintenance and repair services; following manufacturer's instructions and established procedures; requesting special service.
 - Improving the soft water station regeneration process to minimize the water drained.
 - Design a new pipe line path to feeding boilers and reduce T.D.S of feeding water to reduce gas consumption.
 - Design a hot water (cooling return and part of condensate) collecting system and feeding system from and to machine.

Dates : From Jan. 2017 till Dec. 2018

Employer : Arab Company for medical products, El-Obour

- Job Description** :
 - Designing maintenance strategies, procedures and methods.
 - Maintain records on electrical jobs and assign to appropriate personnel.
 - Inspect work to ensure compliance with standard GMP procedures and electrical assignments.
 - Plan and schedule projects, estimate time and materials, supervise subordinates, maintain records and files and prepare reports.
 - Arranging specialist procurement of fixtures, fittings or components.
 - Controlling maintenance tools, stores and equipment monitoring and controlling maintenance costs.
 - Dealing with emergencies, unplanned problems and repairs.
 - Improving health and safety policies and procedures.

Dates : From Jan. 2015 till Sep. 2015

Employer : Nile International Company, Dakahlia

Job title : Technical Support Engineer

- Job Description** :
 - Field Service Support.
 - Perform field service machine repair, calibration and preventive maintenance.
 - Customer Care.
 - Provide fast service follow-up support in attending request to ensure customers' satisfaction and retention.
 - Work closely with other departments i.e. Logistics, Finance, to complete the sales process.
 - Development / Training.

- Take initiative in updating one's own product & technical knowledge.
- Participate training programs / workshop / seminar organized by the division / company.
- Ensure service worksheet is submitted as soon as job is completed for billing.

Key Skills:

- Data gathering and data analysis (using Excel & Python).
- Understand Diagrams, Drafts, Flow-Charts, and other Information and Documentation.
- Work to Improve and Maintain Existing Products.
- Problem Solving and Analytical Thinking.
- Engineering management.
- SAP Maintenance module.
- Energy & cost savings solutions.
- Environment, Health & Safety awareness.
- Maintain and improve upon all measures of engineering performance and suggest the suitable training plans for each technician.