

Holds a B. Sc. in Mechanical Power Engineering and has about 15 years experience working mainly as Maintenance Engineer.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 22/10/1988
Gender : Male
Marital Status : Married
Residence : Qalubia

EDUCATION

: B. Sc. in Mechanical Power Engineering, Banha University, 2011

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: Inventor 3D Drawing – AutoCAD 2D
: Photoshop
: Revit MEP

TRAINING COURSES AND CERTIFICATIONS

: Essential Solid Works (Science & Technology Center (STCE) (2016).
: Advanced Solid Works (Science & Technology Center (STCE) (2017).
: Hydraulic Control (Military Production Institute) (2015).
: Pneumatic control (Military Production Institute) (2015).
: Training in Military Factory 200.
: Training in Imbaba Automobile Center.
: Refrigerators & Air Conditioning System Course in DON BOSCO.
: HVAC training in Engineering Syndicate.
: HAP
: Revit MEP
: AutoCAD 2D
: Autodesk Inventor 3D

- : Microsoft Office 2013
- : Elite Fire Fighting program
- : Photoshop CS5

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From 2018 till now
- Employer** : CEPC (Cairo Electricity Production Company)
- Job title** : Boiler Maintenance Section Head
- Job Description** : Do Maintenance for Supercritical Boiler Unit:
- Static equipment (Boilers tubes, Burners, heat exchangers, steam lines, fuel tanks, steam traps, control valves, safety valves).
 - Rotary equipment (positive / centrifugal pumps, fans, agitators' compressors).
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- Dates** : From 2015 till 2018
- Employer** : Heliopolis Co. for Chemical Industries
- Job title** : Mechanical Maintenance Engineer
- Job Description** : Do Maintenance for Chemical Industries Equipment:
- Hydraulic systems (gear pumps, screw pumps, hydraulic valves, hydraulic lines, hydraulic actuators).
 - Pneumatic systems (compressors, dryers, air lines, Pneumatic actuators).
 - Rotary equipment (centrifugal pumps, fans, compressors).
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- Dates** : From 2014 till 2015
- Employer** : Sam Line Consultants for Fire Fighting Systems
- Job title** : Mechanical Design Engineer (for firefighting systems)
- Job Description** : Design firefighting systems (sprinkler wet pipe system, deluge system, co2 system, FM200 system).
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- Dates** : From 2011 till 2014
- Employer** : Egyptian Army
- Project** : Military Service
- Job title** : Reserved Officer in Air Force
- Job Description** : Do Maintenance for Utilities in Egyptian Armed Force: hydraulic systems, pneumatic systems, pipe lines, air compressors, air conditioners, valves.
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- Field of experience** :
- Monitor all equipment's on production line, make necessary adjustments and/or repairs to maintain smooth running of production line.
 - Ensure that production targets are met in respect of efficiency, minimum wastage and operating rates.
 - Implement the regular preventive maintenance program, recommend any additional needs not included in the preventive maintenance programs.
 - Anticipate / repairs any defects which may cause production lines stoppage.

- Fabricate or repair parts and fixtures of defectives components.
- Prepare reports on any comments or complaints on machine operation.
- Perform additional tasks/modifications on production line, as directed by Production Manager.
- Enforce company safety rules and fire regulations, and ensure a clean and safe work area.
- Key Achievements:
 - Efficiency Improvement: Reduced downtime by 15% through optimized maintenance processes.
 - Reliability Achievement: Led team to achieve 98% equipment reliability in 2024.
 - Cost Reduction: Implemented cost-saving measures, reducing maintenance costs by 20%.
 - High Task Completion: Successfully completed over 1,000 maintenances tasks annually.