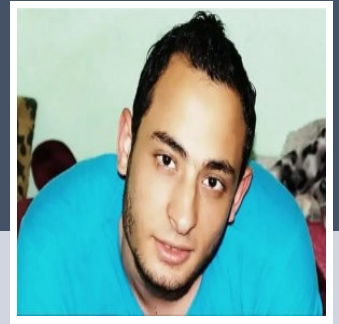


# Taha Mohamed Badr Ali

Mechanical Engineer



## Work Experince

### HEAVY EQUIPMENT MAINTENANCE ENGINEER

[Beam Consolidated](#) 2021-02 : 2023-11

- Follow Up & Controlling The Maintenance Activities.
- Planning & Implementing The Rehabilitation Project To Renew The Old Equipment.
- Preparing Shutdown Programs And Determining The Jobs Which Will Be Handle By The Plant Manpower And The Others Which Preferable To Be Handled By Contractors.
- Achieve All Activities Concerning Equipment Maintenance.
- Preparation For Spare Part, And Fabricated Items Hydraulic Circuits Like: - Hyd-Pistons, Hyd-Cylinders And Reservoirs.
- Used Good Troubleshooting And Root Cause Analysis Skills To Trace Faults.
- Conducted Root Cause Analysis Investigations And Implemented Preventive Measures To Decrease Recurring Issues And Improve Equipment Lifespan.
- Review All Spare Parts In Warehouse.
- Responsible For Maintenance Of All Forklifts, Loaders, Crane And Skidi Loader (Bobcat).
- Sometimes Responsible For Maintenance Of All Hydraulic Systems, Pumps, Blowers, And Utilities Sections In All Production Lines.
- Overhaul Engines Of Forklifts Like:-(Isuzu C240, Isuzu 6BG1, Mitsubishi S4S, Mitsubishi S6S, Nissan TD27A.
- Overhaul Of Hydraulic Circuits, Cooling Circuits, Fuel Circuits For All Heavy Equipment Like Forklifts, CAT 966H, CASE 921 F, Crane Kato, Skidi Loader (Bobcat).

### SITE MECHANICAL ENGINEER

[ARESCO for Manufacturing and Industrial Projects](#) 2020-02 : 2020-12

- Review The Design
- Following The Erecting Of Sheet Metal Of Oil Tank
- Analyzed And Improved System Designs Using Engineering Expertise And Problem-Solving Abilities.
- Following The All Welding Process Like:- (GMAW/MIG) ,(GTAW/TIG),(SMAW)And(FCAW)

### MECHANICAL MAINTENANCE ENGINEER

[the Egyptian Armed Forces](#) 2017-08 : 2020-01

- Responsible For Most Mechanical Maintenance Of Diesel Engines Like Catterpillar Cummins, Duets, Perkins, And Volvo Engines.
- Cummins, Duets Engines Overhaul.
- Maintain The Starters & Alternators Of Generators.
- Troubleshooting And Detecting Faults In The Panels Of Generators During Commissioning.

### ASSISTANT MECHANICAL MAINTENANCE ENGINEER

[Metalco structure of engineering](#) 2015-01 : 2015-10

- Review Of Design Drawings
- Maintenance Of Pumps, Hydraulic Units And All Production Lines.

## Educations

### ENGINEERING

[Helwan University](#) 2012-09 : 2017-07

Mechanical Power Engineering Department

## My Profile

Dependable maintenance engineering professional with skills to manage common maintenance tasks and coordinate advanced upkeep work with strong preventive and predictive expertise. Talents include tracing faults and developing improvement plans.

## Contacts

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[tahamohamed565@gmail.com](mailto:tahamohamed565@gmail.com)  
El Tabin Helwan Cairo  
1993-03-02  
Egypt  
Completed  
[Linkedin Link](#)

## Languages

- Arabic Mother Tonga
- English

## Technical Skills

- Microsoft office
- Solid Works
- AutoCAD
- Technical reporting
- Research

## Soft Skills

- Communication
- Teamworking
- Adaptability
- Problem Solving
- Creativity
- Work Ethic

## Courses

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- Fundamentals of Fluid Power  
[Coursera Platform](#)
  - Fundamentals of Diesel Engines  
[Don Bosco Institute](#)
  - Fundamentals of Engineering Exam Review  
[Coursera platform](#)
  - English  
[Coursera Platform](#)
  - The nature of problems  
[The Open University Platform](#)
  - fundamentals of electronics  
[Linked in Learning Platform](#)
  - Classic Control  
[Don Bosco Institute](#)
  - Reverse Engineering Foundations: Product Design  
[Linked in Learning Platform](#)
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## Interests

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- Reading
- Running
- Physical fitness
- Puzzles