

Mustafa Abd ElGawad

Mechanical Engineer

(966) 0541142912
mu.gawad@gmail.com

Profile

Doing my best to make the difference.

Experience

Abdul Ali Al-Ajmi Co.

12/2014 : till now

Senior Mechanical Engineer

Responsible for:

Managing corrective maintenance and overhauling of Heavy Equipments & Heavy Trucks.

Decreasing maintenance time and cost by using MAN, Mercedes Benz & Caterpillar Diagnostic Tools.

Using "Oracle" as CMMS to manage all maintenance operations.

Leading a team of two engineers to run RCFA (Root Failure Causes Analysis) to eliminate failures and as a consequence improving "Availability & Reliability".

With the help of "Oracle" preparing spare parts requirements, coordinating with the warehouse and choosing the suitable parts.

Training technicians to improve their skills.

Sesco Trans for Developed Logistics

10/2013 : 12/2014

Mechanical Engineer

Responsible for:

Overhauling & maintenance of equipments and heavy machinery.

Harper & Telescopic Cranes, Excavators, Loaders, Forklifts, Generators, Compressors.....

Dealing with big variety of equipment brands (CAT, Komatsu, Demage, Liebherr,)

Prepare and following up preventive maintenance [PM].

Running RCFA (Root Cause Failure Analysis) to eliminate failures and as a consequence improving "Availability & Reliability".

Professionally using "Reverse Engineering" to design machine parts using SolidWorks for production in specialized factories.

Evaluate technicians & workers.

Egyptian Armed Forces

04/2010 : 10/2012

First Lieutenant Mechanical Engineer

Constructing and operating floating bridges.

Responsible for maintenance of heavy equipments, marine diesel engines and trucks.

Design maintenance plans.

Also this required leading eight of NCOs and seventy five soldier.

Training

MAN Truck & Bus Center – Riyadh KSA

- *EDC 7 system
- *Electrical system
- *Brake system
- *Maintenance instructions
- *MAN Cats

Egyptalum Co.

- *Metal Extraction Cells
- *Hot & Cold Rolling
- *Casting Section

Heavy Machinery Training Center in October City

- *Hydraulics
- *Diesel Engine
- *Under Carriage

Certifications

- SolidWorks Professional - Advanced Sheet Metal
License C-98M4CQTSGA
- SolidWorks Professional - Advanced Weldment
License C-JTT8YT64DZ
- SolidWorks Professional - Advanced Surfacing
License C-LZT4CP35XB
- SolidWorks Professional - Mechanical Design
License C-UEWF5XFXDZ

Courses

***PLANNING OF MAINTENANCE OPERATIONS**

“The American University in Cairo 2014”

- Maintenance concepts: preventive, corrective and diagnostic maintenance
- Reliability and failure
- Trouble shooting and diagnosis
- Group vs. individual replacement policies
- Maintenance organization and staffing
- Planning plant shutdowns
- Spare parts requirements planning
- Maintenance records and reports

***SolidWorks Simulation Static “CadCamCim”**

***AutoCAD**

***ICDL**

Soft Skill Courses

- *Six Thinking Hats
- *Creative Thinking
- * Development and managerial skills by Pathways to higher education
Cairo University

Achievements

*** The Medallion of 25 Jan "Military medal"

*** Excellence in securing the elections in The Parliament, The Shura Council and The Presidency in Egypt 2011-2012

Languages

- **Arabic:** Native proficiency

- **English:** Full professional proficiency

Education

Minia University

2004-2009

Bsc in Mechanical & Production Engineering

Graduation Project: Industrial Robot

Personal Information

Date of Birth: 12/9/1987

Nationality: Egyptian

Gender: Male

Marital Status: Single

Military service: Done perfectly "Reserve Officer 3 years".

Have a driving license.