

Mohammed Mansour Magzoub

Mechatronics Engineer

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00974 – 70294004

Summary

A mechatronics engineer with extensive experience in the engineering field, especially in electricity, industrial control and maintenance, which gave me the ability to manage time and complete private and public tasks to achieve the objectives of the institution and industrial entities, as well as managing individuals and specialized technical groups through direct Supervision. Also stabilize operations by managing scheduling Maintenance. Complete all operations to achieve the desired Goals.

Experience

➤ Maintenance Engineer

Karmika Sanitary Ware Factory (Soba industrial, Khartoum, Sudan).

JAN 2022 - OCT 2023

responsible for the electrical department

Duties & Responsibilities:

- Following up on the process of electricity, transmission and distribution of **high voltage** and **medium voltage**.
- Electrical power system **protection**.
- **Create** maintenance procedures conduct periodic inspection of the factory automated machines and systems.
- Follow up on **automated control** processes.
- **Routine Maintenance:** Conducting regular inspections and preventive maintenance on electrical systems to identify and address potential issues before they become major problems.
- **Troubleshooting:** Diagnosing and troubleshooting electrical problems in various equipment and systems to determine the root cause and implement effective solutions.
- **Repair Work:** Performing repairs on faulty electrical components, wiring, and equipment to restore functionality and minimize downtime.
- **Upgrades and Installations:** Upgrading or installing new electrical systems, components, or equipment to meet safety standards and improve overall efficiency.
- **Documentation:** Maintaining accurate records of maintenance activities, inspections, and repairs for future reference and compliance purposes.
- **Compliance:** Ensuring that electrical systems and equipment comply with relevant safety codes, regulations, and standards.
- **Emergency Response:** Responding promptly to electrical emergencies, such as power outages or equipment failures, to minimize disruptions and ensure a safe working environment.
- **Collaboration:** Collaborating with other maintenance professionals, engineers, and relevant personnel to coordinate and execute maintenance plans effectively.
- **Safety Procedures:** Adhering to safety protocols and guidelines while working with electrical systems to prevent accidents and injuries.
- **Training:** Staying updated on the latest industry trends, technologies, and safety practices through continuous learning and training programs.
- Manage inventory of supplies and equipment.
- Inspect **repaired** components and machines.

***Karmika** Factory is a Sudanese factory with Italian technology and automatic control for manufacturing ceramic materials and sanitary ware using Sudanese materials and with Egyptian expertise specialized in this field.

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➤ Technical Engineer

Azimuth Tech Power Co. Ltd, Khartoum – Sudan*

JAN 2016 - DEC 2021

Duties & Responsibilities:

- Insulation and maintenance of High and Low tension for telecom BTS sites in all regions within Sudan
- Installing electrical power, generators and **backup** power for Zain Telecommunications Company sites, by visiting the site and consulting with the Sudanese Electricity Company in determining the appropriate path for the main cable to the site and signing the contract on behalf of the company. Secondly, determining the paths of the site's internal network, connecting them, and testing the system and electrical appliances after connecting the site and handing them over the company through the consultant.
- **Installing** and maintaining **UPS** devices, monitoring their performance and the efficiency of the entire system and its impact on the internal network and organizing their work to extend the life of the batteries and reduce the cost of regular maintenance.
- **Design** and establish **IT** networks according to engineering designs, connect internal and external IT networks, servers and routers, and connect all devices that need to be connected to internal networks in accordance with known standards and protocols in this field.

***Azimuth Tech Power** it is a private company (for electrical and communications works) qualified by the Sudanese Mobile Telephone Company (Zain) to carry out electrical and communications works and carry out maintenance work for the company's towers and BTS sites establishment operations.

➤ Electrical Supervisor

Nehemiah Trading & co. Khartoum – Sudan*

NOV 2008 - JAN 2010

Duties & Responsibilities:

- Measuring, inspecting and diagnosing electrical faults and necessary repairs.
- Identify and purchase materials needed for uses.
- Implementing electrical works for the site through a group of technicians and professional workers.
- Ensure the technical specifications of the work and complete the work on time.
- Safety of workers and equipment on site and administrative procedures on site.
- Perform all tests and ensure that all devices and connections are perfect

* **Nehemiah** it is a multi-activity contracting company. It is specialized and qualified for oil companies in Sudan.

Leading the team implementing electrical plans for corporate projects: -

- Petrodar Operating Company, Basher 2.
- Petrodar Operating Company, Khartoum.

Education

➤ Bachelor in Mechatronics Engineering

Nov 2017

Bachelor Degree (Honors') in Mechatronics Engineering From Al Mashreq University (Khartoum, Sudan).

- ♦ **Mechatronics Engineering** is an interdisciplinary field that combines mechanical, electrical, and software engineering to design and develop intelligent systems that integrate sensors, actuators, and control algorithms

➤ Diploma In Computer Engineering

Sep 2006

Diploma in Computer Engineering Form Aljazeera University College Engineering and Technological (Wad Madani, Sudan).

- ♦ **Computer Engineering** uses principles from computer science and electrical engineering to create hardware (physical components) and firmware (software that allows operating systems and applications to optimize hardware), used in a wide variety of products and industries.

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Skills

- Information processing: Good
- Communication: Good
- Content creation: Good
- Safety: Good
- **Problem solving:** Good
- Microsoft Office:
 - Excel.
 - Word.
 - PowerPoint.
 - Outlook.
 - Visio
- good communication skills gained through my experience as supervisor
- Work under Pressure and Stressful Situation
- Creative And Work Within Team
- Time Management – Expert
- Good Counsellor – Expert
- Accuracy and focus at work
- Responsible & Self Motivated
- Ability to learn new technologie

Language

- i. Mother Tongue: **Arabic**
 - Understanding:
 - Listening: - Excellent
 - Reading: - Excellent
 - Speaking:
 - interaction: - Excellent
 - production: - Excellent
 - Writing: - Excellent
- ii. Other Language: **English**
 - Understanding: -
 - Listening: - Excellent
 - Reading: - Excellent
 - Speaking: -
 - interaction: - Good
 - production: - Good
 - Writing: - Good

Personal Information

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References

Ready upon request

