

# Mohammed Osman

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Date of birth: 27/04/1992 | **Nationality:** Sudanese | **Gender:** Male | (+249) 912285045 |

[mohdmakki126@gmail.com](mailto:mohdmakki126@gmail.com) | Khartoum north, 11111, khartoum, Sudan

About me:

Electrical Engineer bringing [4]+ years of experience performing diverse maintenance and repair duties. dedicated to maintaining optimal equipment functionality by managing routine and complex equipment and facility matters. Strong knowledge of hand and power tool operation, control, safety measures, maintenance, testing and commissioning.

## ● WORK EXPERIENCE

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01/06/2017 – 30/11/2017 – khartoum, Sudan

**ELECTRICAL ENGINEER – PASGIANOS FOOD AND BEVERAGES CO.LTD**

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- Prepared technical documentation for operation, troubleshooting and maintenance of industrial systems.
- Monitored manufacturing operations of electrical devices for compliance with safety protocols.
- Performed maintenance procedures and repairs on existing electrical products and systems.
- Performed in-depth electrical acceptance testing of completed hardware, including continuity and high-potential isolation testing.

26/07/2018 – CURRENT – khartoum, Sudan

**ELECTRICAL MAINTENANCE ENGINEER – SUDANESE THERMAL POWER GENERATION COMPANY**

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• **Performed troubleshooting ( Preventive and corrective maintenance ) and repair for the following power station electrical equipment**

**Medium and low voltage cable fabricating, testing and fault troubleshooting.**

- ✓ Generator & excitation system (maintenance, control, protection & fault tracing)
- ✓ Transformers (operation, maintenance & protection)
  - Power transformers (150 MVA)
  - Auxiliary transformers (20 MVA)
  - Dry tybe transformer (6.6Kv / 0.415 Kv)
- ✓ Medium voltage systems (cables, motors, circuit breakers)
- ✓ Low voltage systems (busbars, panels, motors, MCCs, circuit breakers & motorized valves)
- ✓ DC systems, Emergency systems & UPS systems
- ✓ Ventilation and AC Control system (HVAC) maintenance
- ✓ Firefighting systems
- ✓ Busbars & switchgears
- ✓ All types of circuit breakers & starters. (0.415 kv ,3.3kv ,6.6kv ,11.8kv .13.8kv and 110 kv)
- ✓ Batteries and UPS systems
- ✓ Service air compressor system
- ✓ All types of the crane systems

• **Developed process improvements to increase reliability and equipment performance.**

• **Inspected all equipment every month to maintain working order.**

• **Visually inspected and tested machinery and equipment, performing routine preventive maintenance.**

• **Completed partial or full dismantling of equipment to quickly repair or replace defective components and restore functionality.**

• **Organized and directed maintenance shutdowns and startups.**

## ● EDUCATION AND TRAINING

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05/11/2009 – 05/11/2014 – khartoum, Sudan

**BACHELOR OF ELECTRICAL ENGINEERING – Sudanese University of Science And Technology**

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01/05/2015 – 01/05/2017 – khartoum, Sudan

**MASTER OF SCIENCE OF ELECTRICAL ENGINEERING – Sudan University of Science And Technology**

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● **LANGUAGE SKILLS**

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Mother tongue(s): **ARABIC**

Other language(s):

**ENGLISH**

● **TRAINING AND COURSES**

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IT Essentials ( PC Hardware & Network ), 2013

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Training Course at Sinnar Dam power station, 2013

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Building Management system (BMS), 2017

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Advanced Programmable Logic Controller, 2017

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AutoCad Electrical, 2018

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Power system protection, 2019

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Odoo system, 2022

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