

## **Ahmed Hayder Awad Hamed**

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### **Electrical engineering, control department**

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I have four years of experience as an electrician Harnessing my strong sense of responsibility. Dedication to work and self-motivation to give more, have a strong motivation to work, and benefit from qualifications and skills Which I obtained through my academic achievement in service and work development.

### **CORE PROFICIENCIES**

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- Microsoft (Word, Excel.
- Ability to work under pressure, very good
- Effective communication skills
- Manage time appropriately
- Ability to adapt to change

### **EXPERIENCE**

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#### **Electrical maintenance and installation technician | Al Arabi and Al Barbari Engineering Industries Company| Khartoum, Sudan**

Studying plans related to implementing installation and maintenance work for electrical machines and following up on operating procedures, in addition to conducting final checks for the pre-operation stage and following up on procedures for implementing preventive and remedial maintenance programs for electrical machines and their systems.

- Study plans related to carrying out installation and maintenance work for alternating and direct current electrical machines.
- Follow up on the installation of electrical machines and follow up on operating procedures related to electrical machines.

- Conducting final checks for the pre-operation stage of electrical machines and conducting periodic checks to ensure the suitability of electrical machines, such as checks of insulation, grounding, rotation, temperature rise, and starting current.
- Diagnosing faults in electrical machines and their operating systems and following up on procedures for implementing preventive and remedial maintenance programs for electrical machines and their systems.
- Application procedures and instructions of the Occupational Safety and Health.

#### **Electricity technician | Three Star Commercial Business | Khartoum, Sudan**

- Estimating the quantities of materials and equipment and providing the necessary equipment to carry out the extension work.
- Carrying out electrical installation work, diagnosing wiring faults, and determining the necessary procedures to address them.
- Studying household, industrial and commercial electrical wiring diagrams and their components.

#### **Plumbing technician | Three Star Commercial Business | Khartoum, Sudan**

Carrying out all installation, maintenance, inspection, operation and repair of plumbing systems.

- Supervising the installation and repair of sewage systems.
- Understand detailed blueprints and construction specifications for piping layout, septic systems and other plumbing materials.
- Installation of pipes and fittings.
- Install supports for pipes, equipment and fittings before installing them.
- Assemble fittings and valves for installation.
- Adjusting the length of pipes, fixtures and other plumbing materials as required by construction work.
- Inspect plumbing systems and ensure there are no leaks or other problems.

- Analyze problems and determine the appropriate tools and materials to solve them.
- Inspect plumbing systems to identify worn parts and replace them.

## **EDUCATION | CREDENTIALS**

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Diploma in electrical and control engineering **University of Neelain , Khartoum, Sudan In .2021**

### **Graduation Project**

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My graduation project talks about an electronically controlled arc welding machine.

### **Training**

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A field visit to the Khashm al-Qirba reservoir, the power generation station.