

# Ammar Awad Ali Hassanein



Electrical Engineer, able to provide top-notch service, highly motivated and ambitious, dependable and Problem solver, good communication skills, decision making, leadership and teamwork skills.

## **Career Objective:**

Dedicated electrical engineer with more 4 years' experience in erection, commissioning, operation& maintenance, offering the following core competencies:

- Well-rounded engineering experience – operation, test and installation of electrical equipment, components, and systems for industrial.
- Able to run engineering projects from inception to success.
- Accuracy, responsibility and excellent attention to details and well organized.

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## **PROFESSIONAL EXPERIENCE**

### **White Nile sugar Co.Ltd Sudan Apr2021 – Present**

#### **Electrical Superintendent**

##### **Duties:**

Successfully carried out the following activities:

- Schedule preventive maintenance and required maintenance for all electrical equipment and instrument.
- Perform maintenance activities in the factory including electrical equipment, motors, transformer, VFD, panels, lighting and cable (performing routine maintenance to determine damages, repairs and replacements).
- Develop and follow-up preventive and annual maintenance plans.
- Work closely with team to overcome electrical and instrumentation troubleshooting.
- Coordinate and work closely with other maintenance sections to assist in locating and fixing planned troubleshooting and breakdown.
- Lead, develop, supervise, and evaluate the electrician team.
- Issue report on major problems and failure suggestions suitable corrective action to minimize or prevent recurrence of the problem.
- Assists with specifications of new equipment- where appropriate.
- Maintain stock of spare parts and electrical consumables.
- Monitors electrical main Job during shutdown, breakdown to ensure quality and accuracy.
- Communicate with different departments and to provide them with information and assistance.
- Ensuring all health and safety standard are met
- Responsible to take decisions.
- Assessing new electrical projects requirements, constraints, and assumptions, with engineer's team
- Train and instruct other members of the staff through sharing of knowledge of electrical appliances.
- Maintain the engineering working area and control desk in a good condition always.

## **White Nile sugar Co.Ltd. Sudan Dec 2017 – Mar2021**

### **Electrical Engineer**

#### **Duties:**

- Responsible of maintenance for electrical equipment's:
  - low voltage switchgear "ABB circuit breakers"
  - VFDs type VACON, ABB and CONVERTEAM.
  - Medium voltage switchgear "vacuum circuit breakers."
  - Motors, panels, High Mast Lighting.
  - Water treatment station, Pump Stations.
  - Air Condition (Split, Window, Package).
  - Belt convert system.
  - Oil & dry power distribution transformers.
  - PLC, Sensors, Soft starter.
  - Prepare all electrical spare parts.
  - RMU and UPS system.
- Preparing shift report, weekly report, and preventive maintenance schedules.

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## **Omdurman Islamic university faculty of Electrical and Electronic Engineering Sep2017-Nov2019**

### **Lecturer Assistant**

- Teaching subjects which related to the power & Electronic specialization.
- Practical works in electrical engineering labs and workshop.

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## **Sudanese Electricity Transmission Co.Ltd Sudan Aug 2016 –Aug 2017**

### **Junior Electrical Substation Engineer**

#### **Duties:**

- Knowledge of Electrical power transmission schemes, and the procedures used to transmit electrical power from generation stations to distribution.
- Familiarity with substation types (Air/Gas) Insulated Substations and the components used in them (Power Transformers, Circuit Breakers, CTs, VTs, Isolators, Switchgears ... etc).
- Check and revise all electrical equipment's status in the substation such as transformers, circuit breakers, switchgear's.
- Assist in performing Installation, Commissioning, Testing and Maintenance of Transformers, DC System, AC System, Earthing System.
- coordinate with and provide technical assistance to SCADA engineers, substation physical engineers, and control design staff in order to fully develop system integration of protection, control, and monitoring systems.
- Take personal responsibility for the quality and accuracy of one's work.
- Working with a variety of technicians.
- Writing Daily, Weekly, Monthly Report, and preparing preventive maintenance schedules for substaiions.

## CORE KNOWLEDGE AND FUNCTIONAL SKILL AREAS

Building Electrical Design | Electrical AutoCAD | Analysis and Design of Power system using ETAP | Electrical Power Equipment Testing & Commissioning | Low Voltage Switchgear | NEBOSH | PMI- Risk Management Professional -RMP | able to work with a team of Engineers and contractors. | National Electrical Code knowledge & Operation systems software.

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### Academic Qualifications

- **B.Sc. Electrical and Electronic Engineering (power) with (Second Class - Division one), Omdurman Islamic University (2016).**

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### Personal Details

Date& Place of birth	1993-Khartoum
Nationality	Sudanese
Marital status	Single
Languages	Arabic, English
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