



Mohand Gibril

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Gender: Male **Date of birth:** 16/7/1989 **Nationality:** Sudanese

DESCRIPTION

Summary:

Holding a bachelor's degree in electrical engineering as well as a postgraduate master's degree in electrical power system licensed as a specialist engineer with more than 10 years of UAE and non-UAE experience in electrical power systems, design and implementation of high voltage substations and pump stations, having completed more than 7 projects and attended numerous professional courses in the field of HV technology in Turkey and India.

EDUCATION AND TRAINING

[1/2016 – 10/2018] **Master of Science in Electrical Power System (M.Sc.)**

University of Khartoum

Address: Sudan

[1/2008 – 10/2013] **Bachelor of Science in Electrical Engineering (B.Sc.)**

University of kordofan

Address: Sudan

WORK EXPERIENCE

[9/2013 – 12/2015] **Electrical Engineer**

Sudanese Electricity distribution Company (SEDCO)

City: Khartoum

Country: Sudan

Main activities and responsibilities:

- Distribution stations, maintenance, and cables Metal clad switchgear preventive, periodic maintenance, RMU switchgear operation, periodic, and all safety (ABB & SCHNEIDER & ARIVA & CHINESESTATION).
- Reviewed protection settings for power generation units, 33/11 kV transformers, OHTL, and distribution substations.
- Handled Risk Analysis and Production Impact Assessment before applying a complete Settings Upgrade for Protective Devices in Distribution Network substations using ETAP Software.
- Contributed to the analysis and assessment of power system components in generation plants, power distribution networks, and oil pump stations by using measurements and data extracted from protection relays.

[16/1/2016 – 7/2019] **Electrical Engineer (Maintenance and repair)**

Sudanese Electricity Transmission Company (SETCO)

City: Khartoum

Country: Sudan

Main activities and responsibilities:

- Worked in transmission substations & lines (500,220,110,66,33,11kV), including CBs transformers for AIS & GIS substation types.

- Create a maintenance schedule for all equipment; also in charge of switching, operation, and maintenance, as well as breakdown work.
- Supervise substation maintenance crew and contractors' personnel to ensure compliance with safety regulations. Eastern grid substation preventive and corrective maintenance includes inspecting and testing protection systems for transformers, restricted, overcurrents, and earthfaults, as well as taking breaker failure and BBP into account. Checking and testing switchgear.
- Attended FAT and SAT more than three times.

[12/2019 – 5/2020] **Senior Electrical Engineer**

ARZ Electromechanical & Safety Equipments

Country: United Arab Emirates

Main activities and responsibilities:

- Maintained and supervised generation units; 500 KV GIS gas insulated substation; 220/33 KV AIS air insulated substation; and low voltage supply systems; normal conditions and faults reporting using COSWIN CMMS.
- As a shift engineer, I performed fault diagnosis and troubleshooting for faulty equipment and breakdowns in generation units; I also performed power plant normalization for I & C Systems, Switchgear, UPS, and Relays in Emergency Cases and Blackouts using Standby D.G set.
- Organizing PTW and LOTO for System Isolation and Necessary Safety Precautions for Plant Technical Teams prepared maintenance and testing status reports and raised them to the Head of Operations Control Center for review and maintenance plan preparation by the planning division.

[2020 – Current] **Abu Dhabi Transmission & Dispatch Company (TRANSCO)**

Electrical Engineer

City: Abu Dhabi

Country: United Arab Emirates

Main activities and responsibilities:

- Work on all the activities related to preventive maintenance of 40022013233110.415KV Electrical Equipment: Substation, Switchgears, Transformers, Motors, VFDs, Capacitor banks, SCADA Systems, Panels etc.
- Perform condition monitoring and diagnostic tests of 40022013233110.415KV, switchgears, transformers, and cables periodically to verify the reliability of the equipment and substation in accordance with the maintenance plans.
- Receive safety documents for work as per management requirements and competency certification to ensure that all work is carried out in accordance with TRANSCO specifications and safety rules, as well as IMS standards and procedures. safety document after the completion of the work.
- Provide details on the timely provision of material to the primary maintenance engineers by submitting a store request and/or presenting a purchase requisition for material (if not available through MAXIMO) and submitting a contract request and specification in accordance with established procedures.

LANGUAGE SKILLS

Mother tongue(s): Arabic

Other language(s): English

DIGITAL SKILLS

My Digital Skills

MAXIMO | MS Office | ETAP | SCADA | Fault Record

ORGANISATIONAL SKILLS

Communication, teamwork and interpersonal

- Networking, negotiating, and problem-solving skills
- Able to work on my initiative or as part of a team
- Excellent conceptual and analytical skills
- Managing tasks and problem-solving skills
- Detail oriented, strong organization and a high degree of accuracy
- Analysis and Decision-Making skills

ON JOB TRAINING

Certified courses:

1. Office management Diploma
2. Transformer Assembly & Maintenance
3. CBs high voltage Maintenance&operation
4. Testing& Committing
5. Assets valuation
6. Tap changer Maintenance
7. ETAP
8. LinkedIn Electrical Courses

PROJECTS

Project of:

1. Assembly and install new transformer 150MVA from BEST Company (220/110/33KV)
2. Replacement new transformer 100MVA from BEST Company (110/33/11KV)
3. New 33kv switchgear Schneider side(TR2/TR3)
4. Replacement new 33kv switchgear ABB ZX1 side(TR2)
5. Assembly and install Static var compensators(SVCs) Mahadia Substation
6. Assembly and install new transformer 300 MVA from ABB Company (500/220/33KV)
7. Assembly and install Auxiliary transformer 350 kVA from BEST Company for transformer(1)Omdorman substation

PROFESSIONAL MEMBER-SHIPS

Sudan Engineering Society – Full Member – Specialist Engineer.