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Electrical Engineer

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A highly organized and hard-working individual looking for a challenging role in a reputable organization to utilize my technical, and management skills for the growth of the organization as well as to enhance my knowledge about new and emerging trends in the electrical sector.

EDUCATION

2006 → 2012

University of Blue Nile

Bachelor's degree in Electrical Engineering

2018 → 2020

University of khartoum

M.Sc in Electric Power Engineering

WORK EXPERIENCE

2012 → 2013

Sudanese Electricity Distribution company Ltd.

Electrical Engineer

Responsible for operation and maintenance in Blue Nile Distribution Grid

09-2013 → 10-2014

Faapy for Dairy Products, Juices and Mineral W.

Electrical Engineer

- Working and supervising inspection, maintenance and operation activities of :

- All Filling machines.

- Auxiliary utilities.

- Control Panel.

- Blowing Machine.

11-2014 → present

Sudanese Electricity Transmission company

Operation & Maintenance Engineer

- Responsible of operation for all bays in substation.

- Responsible of Maintenance for all equipment in Substation.

- Test and commissioning for all new equipment in primary side.

- Do all Maintenance schedule from LDC.

- Do any new power transformer erection (upgrade or extinction.

PERSONAL SKILLS

✓ 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

SOFTWARESKILLS

Microsoft Power Point



Microsoft excel



Ben 32



Neplan



Microsoft Word



MATLAB



- Electrical engineering software (Dialux)



Etap



LANGUAGES

English



Arabic



HOBBIES



Reading



Swimming



Football

TRAINING COURSES

- Analysis& Design of Transmission lines, Egyptian Electricity Holding Company from 17/5 to 4/6/2015. (Egypt).
- Certificate of AUTO CAD from Brain Growth for training from 23/9 to 1/10/2014. (Sudan).
- Certificate of Building Electrical System Design &Drafting from Abdelbary center from 10/9 to 17/9/2014. (Sudan).
- Transformer Maintenance, Sudanese Electricity Transmission Company ltd, Kuku Office from 23 to 27 August 2015. (Sudan).
- Fault Recorder, Sudanese Electricity transmission Company ltd, Kuku Office from 08 to 12 September 2015. (Sudan).
- Tap Changer MDU trouble shooting, Sudanese Electricity Transmission Company ltd, Kuku Office from 20 to 28 December 2015. (Sudan).
- Circuit Breaker course, Sudanese Electricity Transmission Company ltd, Kuku Office from 27 to 31 march 2016. (Sudan).
- Operating and maintenance of power transformer, BEST Company from 5 to 8 June 2017. (Turkey).
- Risk Assessment, Abu Haraz training centre 2019.

OPERATION AND MAINTENANCE ACTIVITIES

2015: Replacement of cracked bushing side 220kv (step-up transformer) at Rosaries Power Station in transformer(4) 80MVA .

Position: Team Member

2015: Installation and commissioning of new transformer (2) 110/33/11kv bay (17.5MVA) at AL hag abdalla S/S.

Position: Team Member

2016: Installation and commissioning of new step-up transformer (1) 33kv bay 5MVA at Al fasher power station.

Position : Team leader

2016: Rehabilitation of Alhag abdalla substation replacement of two 110kv circuit breaker :

- First Maringan line bay CB from (oil) magrini to SF6 ABB type (LTB 245/145 –BLK222).
- Second Senar power station line bay CB from Vatech SB6 145 to SF6 ABB type (LTB 245/145- BLK222).
- Replacement of all old control cables by new armor control cables in substation.

Position: Team member

2016: Installation and commissioning of new power transformer (35MVA) 110/33/11KV at Elgenaid S/S.

Position: Team Leader

2016: Replacement of Sinar CCT(1&2) 220kv line feeder CT

(upgrade from 400 to 800A) replace old CT type: trench to new CT type XD at maringan S/S.

Position: Team Member

2017: Installation and commissioning of power transformer (3) (35MVA) 110/33/11kv at Mashkor S/S.

Position: Team Leader

2017: Installation and commissioning of new 11 KV incomer bay in transformer (3) at Old hasahissa S/S.

Position: Team Leader

2017: Installation and commissioning of new two power transformer (1&2) 2*150 MVA (220/110/11kv) (upgrade from 80 MVA to 150 MVA) at Maringan S/S.

Position : Team Member

2018 : Installation and commissioning of new two power transformer (3&4) 2*100 MVA

(110/33/11kv) (upgrade from 60 MVA to 100 MVA) at Maringan S/S.

Position : Team Member

2018: Installation and commissioning of new power transformer (1) 1*35 MVA (110/33/11kv)

(upgrade from 17.5 MVA to 35 MVA) at Haj Abdalla S/S.

Position : Team Leader

2019: Installation and commissioning of new power transformer (1) 1*17.5 MVA (110/33/11kv) (upgrade from 7.5 MVA to 17.5 MVA) at Fao S/S.

Position : Team Leader

2020: Installation and commissioning of new Circuit Breaker type SF6 ABB (LTB 245/145-BLK 222) at Power transformer (1) side 110 KV Maringan S/S.

Position : Team Leader

