

Mojahed Siddig Mohammed Abdalrhman

High voltage substation engineering @Sudanese Electricity Transmission Company

Five year experience

- 2014__2015 as training in national service program at SETCO one year Started in Khartoum substation department kilo x substation, Responsible was daily check and participate in annual protective maintenance as trainee engineer.
- 2016__ started work as SETCO engineering staff
- Four month training in high voltage substation operation & maintenance
- Started as Farooq substation (110/33/11 kv)engineer responsible was :
 1. Switchgear (CB, IS, ES) operation.
 2. Organizing operation with NLDC (national load dispatch center).
 3. Planning for annual protective maintenance.
 4. Conducting all emergency maintenance 24h by 7days.
 5. On call with NLDC 24 h by 7 day for any fault signal.
 6. Monitoring all substation equipment performance and healthy status.
 7. Planning & scheduling emergency maintenance.
 8. Team leader for maintenance technician.
 9. Transformer testing, CB testing IS testing CT&VT testing.
 10. Dc control circuit fault tracing included battery and charging system.
 11. Transformer assembling, erecting, testing commissioning.
- 2017__ 2018 testing and commissioning engineer for soba substation project (220/110/33/11Kv) :
 - Planning for weekly work activities with contactor and consultant.
 - Evolution contractor performance.
 - Conducting side meeting with different work partner.
 - Conducting Side test for varies substation equipment for all high voltage level at primary side (current transformer, voltage transformer, circuit breaker, isolator and earthing switch).
 - Medium voltage 33Kv switch gear maintenance and testing.
 - Secondary system 415 v switch testing including auxiliary transformer.
 - Dc system test charger and battery.
 - Interlock and control circuit testing modification.
 - Drawing correction to as built drawing and acceptance.
 - Substation energizing planning and switching with NLDC.
- 2018 __ present Soba substation (220/110/33)Kv operation and maintenance engineer

Course:

Installation and maintenance of power transformer best factory, Balıkesir, Turkey.

Power management, Hyderabad, India.

Qualifications:

BC's in electrical engineering (power & machine).

Sudan University of science and technology, Khartoum, Sudan.

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