

MOHAMMAD ALFATIH GAAFAR ABDALLAH

Abu said Sq. No.7 - Omdurman-Khartoum state-Sudan
00249900924707 | e.mohammad48fatih@gmail.com

Objective

To enhance my professional skills, capabilities and knowledge in an organization which recognizes the value of hard work and trusts me with responsibilities and challenges.

Experience

Sudanese Electricity Transmission Co.ltd

1/1/2016 - Up to present

High Voltage Substations Engineer

- Participate in different projects of new Substations, substation extensions or rehabilitation of existing ones GIS or AIS Substations.
- Experience in the field of Testing & commissioning of GIS and AIS, Substations and power equipment's up to 500kV.
- Deep experience in Testing and commissioning activities of GIS/AIS HV/MV switchgear and Power transformer's assembly, testing and commissioning.
- Operation and maintenance of 500KV/220KV/110KV GIS and AIS Substations.
- Follow up the outage and return of the equipment in service of the electrical substations in coordination with the National Load Dispatching Center (NLDC).
- Writing administrative and technical reports for the administrator.
- Managing a group of technicians and workers to do various maintenance activities such as preventive or corrective maintenance.
- Participating in different technical committee.
- Ensuring safety procedures and compliances with safety regulations for workers and equipment's.
- Adheres to the implementation of quality management systems and environment and occupational safety and health and passion for on time completion of each project.

Merowe Dam Electricity Co.ltd

20/8/2014 - 20/12/2015

Electrical Maintenance Engineer

Merowe dam is a largest hydro power generation in Sudan consist of 10*125MW alternators and five step-up power transformers (3winding single phase 94 MVA 13.8KV/13.8KV/500KV),500kv GIS substation and 220kv AIS substation.

- Managing a group of technicians and workers to do scheduled preventive maintenance and also corrective maintenance.
- Participating in planning and schedules preparing of maintenance activities.
- Participating in projects of Mega maintenance and new modifications and upgrading.
- Ensuring safety procedures and compliances with safety regulations for workers and equipment's.

Brouj Industry and Construction Services Consultancy Co.ltd

20/6/2012 - 20/6/2013

Electrical Consultant Engineer

- Project Engineer Participate in various design review meetings with engineering department.
- Analyze efficient implementation of all engineering procedures and monitor its work.

Projects

- Maintenance of Transformer's 500KV Bushing and Cable Termination Failure
Team Member (MDEC, 2015)
- Supervision of remove damaged parts and changing of 500kv cable rout from GIS switchgear to the power transformer to gain more length.

- Supervision installation of the 500kv cable end termination and connection to the high voltage bushing.
- Testing and commissioning of the power transformer and HV cable before put it back into service.
- Rehabilitation and upgrading of Jabaal Aulia S/S 220kv/110kv/33kv
Site Engineer (SETCO, 2017-2018)
Responsible of installation, testing and commissioning of power transformers (3 * (220kv/110kv/33kv 150 MVA) and 2 *(110kv/33kv/11kv 100 MVA)) and new transformer's bays (H.V C.Bs and Isolators, CTs and VTs Control and protection panels wiring).
- SVC connected to Local Market S/S 110 KV/100 MVAR
Site Manager (SETCO, 2018-2019)
 - Supervising the implementation, installation and testing of equipment's for the SVC project, starting from the 110kv GIS station, from testing the measuring transformers, switches, and gas to air bushing outlet.
 - Supervising the implementation, installation and testing of the 110kv HV XLPE cable connected the 110kv GIS Switchgear side and the step-down transformer connected with SVC equipment's.
 - Supervising the implementation, installation and testing of SVC components including Capacitors, Reactors and Thyristor valve bank with its cooling system in addition to various 33kv switches as well as measuring transformers and the surge arresters
 - Responsible for ensuring that the project is completed on time.
- Rehabilitation of SVC connected to Port Sudan S/S
Site Manager (SETCO, 2021)
After a major TCR-side failure, a damage inventory was made of the TCR Thyristor Valve bank damaged with its cooling system and triggering modules of the Thyristor bank and then we replaced the defective parts, made the tests after installation and then put them into service.
- New Extension of Local Market and Khartoum East GIS Substations
Project Engineer (SETCO, 2019- continue)
The project consists of adding a transformer capacity (100 MVA and a voltage of 110 kV 33 kV 11 kV) to each station, in addition to equipment on the side of the gas-insulated station with a voltage of 110 kV, as well as the gas-insulated station with a voltage of 33 kV and also with a voltage of 11 kV.
 - Participate in the technical committees concerned with reviewing project design and specifications
 - Participate in design meetings.
 - Review the designs and drawings submitted by the contractor.
 - Participation in the factory tests for each of the GIS Bay equipment's with a voltage of 110 kV, as well as the GIS with a voltage of 33 kV and another with a voltage of 11 kV.

Education

Sudan University of Science and Technology	2011
BSc. Honor 2.55	
Bashir Mohammed Saeed Model High School for Boys	2006
High School 87.4%	
Abdullah Ibn al-Zubayr Elementary School	2003
Elementary School 265/280	

Courses

- ETAP
Brain Growth Training Centre, Khartoum
- AutoCAD
Brain Growth Training Centre, Khartoum
- Low Volt Switchgear
Exemplar Training Center, Khartoum
- Training Of Trainers (TOT)
Alnagm Althagib Training Centre, Khartoum
- PMP preparation course
Integrated Training and Development Center, Khartoum
- Diesel Generators Operation and Maintenance
Matar Engineering Training Center, Khartoum
- Operation and Maintenance of Power Transformer
Best Transformers Factory, Turkey

Language

Arabic
English

Skills

Project Management
Problem solving
Team managing
MS. Office programs

Reference

Eng. Faize Mohamed Alamir - "Sudanese Electricity Transmission Co.ltd"

Director of Khartoum Network Directorate

faizema74@yahoo.com

00249123494449

Eng. Mojahed Siddig Abdalrahman - "Sudanese Electricity Transmission Co.ltd"

HV Electrical Substations Engineer

mojahedsiddig@gmail.com

00249900924708