

Curriculum Vitae (CV)

Arif Ali Abdel hafiz Shmaon

OBJECTIVE:

To obtain an Electrical Engineer position where I can use my skills and Experience to contribute in a positive growth for the company where I work.

Personal Information

Nationality: Sudanese

Address: Port Sudan, Sudan

Social status: Married

Religion: Moslem

Contact Information

Mobile: +249912748793, +249123495480

E-Mail: raseInny1@gmail.com

Place and date of Birth: North state, Merowe Province, Magashi Village,
03 /05 /1984.

Place of Residence: Port Sudan, Elthawra, sector 8, house number 123.

Academic Background

- B.sc (HONOURS) in Electrical Engineering, Power Department University of Red Sea 2009.
- My graduation research it is known as "*Optimal and Economic Operation of Power System*" it is reaching out the power system security, economic power plants, co-generation between thermal and hydro power plant, generators operation costs and generation scheduling.

Training Courses

- General training courses in distribution department of National Electrical Corporation (NEC) in period from 19/02/2005 to 03/03/2005.
- Training courses in generation department of (NEC), 'C' station, included courses of Electrical Maintenance unit and Control Room in period from 21/06/2005 to 21/07/2005 and 25/02/2008 to 02/03/2008.
- Training period in Dams Implementation Unit, Merowe Transformation Station, Port Sudan, in period from 01/03/ 2008 to 31/03/2008. The courses involved practical and theoretical lectures in Hydro generation, Transmission lines, Distribution, Telecommunications and Substations.
- Another period in Dams Implementation Unit (DIU), from 06/12/2010 to 06/01/2011, it involved maintenance of transmission line 220KV, between Atbra and Port Sudan cities.
- Courses of Programmable Logic Controllers (PLC) in period from 1/9/2011 to 1/12/2011, project Management Planning with (primavera software P3)in period from 1/8/2011 to 1/11/2011 and AutoCAD program in electrical drawing from 23/9/2011 to 23/12/2011.
- Training course in "Electrical Generation Protection System" in period from 17/08/2015 to 12/09/2015, Faculty of Engineering, Chulalongkorn University, Bangkok, THAILAND.
- ETAP (Electrical Transient and Analysis Program) training course in the (EXEMPLAR CENTER), 30 contact hours.
- Electrical Power Equipment Testing & commissioning, training course in (EXEMPLAR CENTER), 30 contact hours.
- Occupational Safety and Health Administration (OSHA) training course, 30 contact hours.
- Basic Operation Training course of gas turbine power plant type (SGT5 – PAC 2000E) **SIEMENS** company, GERMANY, ERLANGEN.
- Operator MMI Training Course

The Operator MMI Training (MMI=Man-Machine Interface) deals with the hands-on training of the operation and monitoring system using a power plant simulator.

Course Content:

- System Overview of Siemens automation and control system
- Automation System (Overview, Structure, Modules)
- Operational Philosophy of the Process Control and Management System.

System.

- Process Operation with Operating Terminals (OTs)

- Process Monitoring, Fault Analysis, Alarm Sequence Display
 - Process Information with Curve and Bar Displays, Operating Point Displays and Logs
 - Dynamic Function Diagrams
 - Group, Subgroup, Sub-loop and Closed-Loop Controls.
- Medium voltage Switchgear (control and protection scheme) training course in the (EXEMPLAR CENTER) 20 contact hours, include SCHNEIDER 11KV switchgear type MESA, SIEMENS and ABB.
 - Scholarship for training course “*DESIGN, ERECTION, OPERATION, MAINTENANCE AND PROTECTION OF EHV SUBSTATIONS*”, under Ministry of External Affairs, Indian Technical and Economic Cooperation (ITEC), Rural Electrification Corporation Limited, REC institute of power management and training in period from 19/08/2019 to 27/09/2019. Hyderabad, INDIA

Work Experiences

- Worked in the Sector of desalination plants, Red Sea State started in 05/05/2010 until 26/12/2012. In position of maintenance electrical engineer
- Technical manager of all of desalination plants from 01/01/2013 until 28/12/2013.
- Moved to Work in Red Sea Engineering Consultancy Center (RSECC), electrical department from 5/01/2014 to 28/12/2014.
- 1/1/2015, moved to work of “Sudanese Thermal Power Generating Company (STPGC) involved:
 - *Diesel Power Plant in Red Sea State, Port Sudan city by total capacity 20MW.
 - *Steam Power Plant, in White Nile State, KOSTI city by total capacity 500MW.
 - *Senior electrical engineer in a new gas turbine power plant project implementation by **SIEMENS**, GERMANY, two units 300 MW started in 7/11/2016 till now.
- Witness for factory acceptance test (FAT) for Black Start Diesel Generator (BSDG) in GERMANY, HANNOVER, **FRERK** industrial Company.
- Witness for factory acceptance test (FAT) for step up transformer, 230MVA in **BEST** transformers factory in Balikesir / TURKEY



Certificates:

- Diploma in Programmable Logic Controllers (PLC) from Arabic technical company .Ltd. KHARTOUM, SUDAN

Skills & Hobbies:

Skills:

- Comprehensive knowledge of electric power distribution and operation of High Voltage Systems.
- Extensive knowledge of principles related to electrical maintenance systems, power distribution systems, LV Switchgear, LV Panel Boards and Distribution Boards, Motor Control Circuits.
- Knowledge of power transmission, power control and protection systems.
- Ability to work under pressure and with team work.
- Processing and work BOQ.
- Excellent knowledge of relevant computer software and applications, such as: MS Word, Excel, P.P, Visual Basic, MATLLAB, AutoCAD, EMTP (Electro Magnetic Transient Power system) and ETAP (Electrical Transient and Analysis Program).

Hobbies:

- Football and table tennis sports.
- Reading, cultural and general information.
- Browse the Internet.

References

Available upon request