

Name:

Mohanad Faisal Mohamed
Haj-Alamin

E-mail Address:

Mohannad.007@gmail.com

Address:

Jabra-Khartoum south-

Sudan Contacts Telephones:

Mobile: +249111137418

+249966338566

+249922650475

Personal Data

Date of Birth: 27/12 /1992

Place of Birth:

Omdurman - Sudan

Gender: Male

Nationality: Sudanese

Marital Status: Single

Bilingual :

Arabic - Mother
tongue.

English - excellent
written and
spoken.

C.V summary

Ingenious and determined Electrical Engineer with 3+ years of experience in Power & control fields. Familiar with software, hardware, and networking of Computer & electronics devices. Seeks to exist in an extremely challenging Work environment. Saves up annually 500.00+ SDG as a 3rd party Commissioning fees for Assalaya sugar factory.

Qualification Sciences.

University degree: Al-Zaiem Al-Azhari University

B.Sc of Honor in Electrical Engineering (Electrical Power)

Second grade (division two)On 24-12-2014 .

Skills

- Working under pressure.
- Teamwork affiliation.
- Good communication skills and leadership qualities..
- potential of self-taught.
- Patience.

Technical Expertise.

- MS Package
- flexibility and speed in internet researches and typing skills.
- Fast learner of Design applications.
- Ability to maintain and repair computers and networks .

Computer Skills

Working Knowledge of:

- Microsoft Office Word, Microsoft Office Excel, Microsoft Office Power point, and Internet
- AutoCad Software Program
- Proteus simulation program
- DELTA software for HMI design
- Simurelay app for ECC design and simulation

Experience

- ***Sudanese Sugar company (14/2/2019) up to now :***
 - ***as an Electrical Engineer at Assalaya Sugar factory.***

OFF Season :

assigned to process house& Mills sections :

Tasks and responsibilities:

- set the preventive maintenance schedule and assign section teams.
 - Conduct & supervise preventive maintenance for electrical machines and equipments of the section (Induction motors, power and control circuits) inspections, maintenance, and testing.
 - Present a weekly report of to the Electrical department chief. Illustrating maintenance achievement and constraints faced the teams so far and how to improve the process as in the schedule.
 - Classic Control circuits simulation & design in order to improve the operation and safety.
 - Supervise the installation of new machines/Unit panels by sizing the units requirements such as: (cables size and length considering cable path type,voltage drop, current value ,and environmental measures), circuit breaker,contactor , and any additional may be required.
 - Train the technicians to any new units installed by undergoing through their safety and operation, maintenance,and connections drawings manuals.
 - Conduct the annual numerical protective relays tests to power house switch gear ,including the following tests :
- over current test.
 - over/under voltage test.
 - over/under frequency test.
 - earth fault test.
 - check synchronizing relay.
 - Reverse power relay test.
 - Differential protection test.
 - Interface with Digital relays and PLCs- followed in a list- of the factory in order to troubleshoot, modify , or take a backup using different types of communications protocols such as : (Modbus, Profibus,and courier).
- Micom P122
 - Micom P211
 - Micom P139
 - Micom P220
 - Micom P241
 - Micom P341
 - schneider Plc M221

Season :

- monitoring and maintaining all electrical systems and machines in the factory during season shifts.
- daily report record of the various machines conditions and faults occurrence during the shift.
- Generator synchronization with NEC grid and switch power factor correction on and off.
- Cooperation with the Instrumentation section with the electric-instruments defects by providing the normal and abnormal parameters of the related unit/s.

• **Sudan Railways Corporation (7/8/2018) - (14/2/2019):**

- as an Electrical Engineer at locomotives and rolling stock department, maintenance department :

Tasks and responsibilities:

- American locomotives and workshop equipments maintenance.

• **building and road research institute , university of Khartoum (1/3/2017) - (1/7/2018):**

- as a computer engineer at computer department , technical support:

Tasks and responsibilities :

- Computer software troubleshooting and maintenance.
- Computer hardware troubleshooting and maintenance.
- Network supervising , make new connections , troubleshoot and maintenance.
- Printers and scanners troubleshooting.
- Training new employees and trainees.
- Multimedia preparing and supervising in events and conferences.

Training:

- *Alezargab substation.*

Courses:

- *Electrical Installations.*
- *PLC Basics training course.*
- *AutoCad Basics training course.*
- *HMI course.*
- *Diesel Generator course.*
- *English course.*

B.Sc Graduation Project:

Mixing colors processing using PLC.

licenses:

- *Valid driving license.*

Hobbies

Reading and exploring.

References

- *ENG. Algaily Dafalseed , Assalaya sugar factory , MOB +249123260274 .*
- *ENG. Faiz Ahmed Ali , Assalaya sugar factory , MOB +249123626581.*
- *Prof. Hussein Alarabi , Building and road research institute MOB +249912226860.*
- *Abualhassan hussein, Sudanese electricity distribution company, MOB +249123041980.*