

MUSAB AHMED

Field Geologist & Geo. Sites Operations Supervisor ,Quality manager

Date of Birth	1995
Nationality	Sudan
Experience	4+ Years
Contact No	+966-53 5020 658.
E-mail	Bfmousabjafar@gmail.com
LinkedIn.	https://www.linkedin.com/in/mousab-jafar-02673a

Profile:

Experienced Quality Manager with over 4 years of experience in soil and construction materials laboratories, holding a Bachelor's degree in Applied Geology and GIS. Strong background in laboratory testing in accordance with BS and ASTM standards, ensuring accuracy, reliability, and consistency of test results.

Proven expertise in implementing and maintaining laboratory Quality Management Systems in compliance with ISO/IEC 17025 and Saudi Accreditation Center (SAAC) requirements, with solid understanding of accreditation processes, technical requirements, and audit practices. Skilled in document control, internal audits, nonconformance management, corrective and preventive actions, measurement uncertainty, and continual improvement.

Possess a good understanding of geophysical principles and their application in subsurface investigation and site characterization.

Currently serving as a Quality Manager in Dammam, KSA, playing a key role in achieving and maintaining laboratory accreditation from SAAC, while ensuring full compliance with regulatory and quality standards.

Educational Qualification:

Bachelor of Science in Geology under University of Al-Neelan University, Khartoum.

Work Experience:

Most Recent Responsibility at KEKYAL TECHNICAL CONSULTAION & LABS CO (KSA):

- Develop, implement, and maintain the laboratory's QMS in accordance with ISO/IEC 17025 requirements.
- Ensure all laboratory activities comply with national and international quality standards.
- Conduct internal audits, document findings, and oversee corrective and preventive actions (CAPA).
- Manage document control, including SOPs, test methods, and quality records.
- Facilitate external audits and accreditation assessments.
- Ensure ongoing compliance with ISO/IEC 17025, regulatory guidelines, and client requirements.
- Coordinate proficiency testing (PT) and interlaboratory comparisons.
- Liaise with accreditation bodies, regulatory agencies, and clients regarding quality matters.
- Establish and monitor quality control (QC) procedures for soil testing.
- Oversee equipment calibration, maintenance, and verification programs.
- Ensure proper handling, storage, and traceability of test samples and records.
- Investigate non-conformities, implement corrective actions, and prevent recurrence.
- Train laboratory personnel on quality procedures, standards, and best practices.
- Promote a culture of quality awareness and continuous improvement.
- Conduct periodic training sessions on QMS, audit preparation, and laboratory safety.
- Ensure data integrity, accuracy, and confidentiality in laboratory operations.
- Review and approve quality reports, corrective action plans, and audit findings.
- Maintain documentation of quality metrics and performance indicators.

Most Recent Responsibility at Gulf House Lab. Co. For Soil & Materials (GHL) (KSA):

- Soil Investigation, Compaction Test, Sieve Analysis, CBR, Cube Test Coring, Durability Test, Steel Test.
- Perform Soil classification and Analysis, Aggregate Test and generate reports.
- Study and Report generation related to Structural Geology and Rock Identification.
- Collected soil samples from the project's intended site using bore holes and test pits.
- Perform Electrical Resistivity Tests (ERT), Thermal Resistivity Test (TRT), and Cone Penetration Test (CPT).
- Onsite preparation of field Log from Boreholes and Test Pits & undertaking all daily and weekly tasks.
- Collect Soil samples for CBR Test, Modified Proctor, Sieve Analysis and Atterberg limits.

- Soil investigation, soil sampling, rock identification, mineral exploration.
- Coordinating with safety, quality, clients, and the consultant's representatives.
- Daily progress reports and submitting weekly reports in the office.
- Geotechnical and Geophysical In-Situ Tests and logging reports etc.
- Management & Supervision for geotechnical and geological operations.
- Sample collection & preparation, boreholes & Trial Pits Marking by HAND GPS.
- Drilling Operations & Data collection and detailed logging as per codes.

Most Recent Responsibilities at GSS for Geology – (Exploration Projects) (Sudan):

- Conducted geological exploration activities including surface mapping and subsurface investigations.
- Supervised exploration drilling operations and ensured compliance with approved exploration programs.
- Logged drill cores and soil samples, including lithology, alteration, mineralization, and structural features in accordance with international standards.
- Collected, coded, and managed exploration samples, ensuring proper chain of custody and sample integrity.
- Assisted in geophysical and geochemical surveys and contributed to data collection and preliminary interpretation.
- Prepared borehole logs, geological sections, and exploration profiles.
- Ensured all exploration activities, testing methods, and data inputs were carried out in compliance with relevant BS, ASTM, and project specifications.
- Coordinated daily activities with drillers, field crews, and technicians, and reviewed daily progress reports (DPR).
- Utilized geological software and GIS tools to organize, analyze, and present exploration data.
- Supported senior geologists in mineral target generation, reporting, and technical documentation for exploration projects.

Most Recent Responsibility at ESD SUDAN – (ESD) (Sudan):

- Soil Identification.
- Supervision of drilling works.
- Prepared site daily progress reports and guidance of operator and labor.
- Perform packer test and Permeability test.
- Discontinuity survey, Trial pits & mark the bore holes' points by coordinates.
- TCR, SCR, RQD, unconfined compressive strength testing & discontinuities analysis.
- Making sure that all the test methods and input parameters as per the standards.
- Rock coring and sample preparation, bore hole logs.
- Installation of piezometer pipe (Standpipe).
- Prepared the profile of all bore holes.
- Grouting of all bore holes under my supervision and consultant.
- Logging of soils and rocks samples as per international BS and ASTM standards.
- Submit the request form of testing to lab technician for the SPT & rock sample.
- Collect the daily progress report (DPR) from the drillers. Reviewing the DPR , core boxes and SPT bags before submitting to the laboratory for testing .

Career History:

2021 – 2022	GSS For Geology Exploration Geologist
2022 - 2023	ESD SUDAN – Sudan Field Geologist.
2023 - 2025	Gulf House Lab. Co. For Soil and Materials – GHL - Saudi Arabia Field Geologist, Sites Supervisor.
2025 - present	Mekyal Technical Consultation & Labs co. – Saudi Arabia Quality Manager

Technical Skills

- gINT v8i.
- Minitab 17.
- Google Earth.
- Leapfrog Geo.
- Micromine.
- QGISI.

Geographical Experience

Saudi Arabia, Sudan.

Certificates:

- Auditor/internal Audit ISO/IEC 17025:2017
- Management System Audit Training ISO 19011:2018
- Google Project Management
- Quality Improvement and Management CERTIFICATE
- Management system auditor training ISO 19011:2018

Languages:

- Arabic - Native
- English - Professional

هوية مقيم
رقم النسخة ٢

المملكة العربية السعودية
وزارة الداخلية

مصعب جعفر الامين احمد
MUSAB GAFAR ELAMIN AHMED

رقم الهوية: ٢٥٤١٦٢٣٤٨٠
تاريخ الميلاد: ١٩٩٥/٠٩/٢٦
جنس المالك: السودان
الجنسية: السودان
المهنة: عامل تعبئة وتغليف
هوية صاحب العمل: ٧٠٤٠٧٦٩٥٣٦
موقع الوزارة الالكترونية
محل العمل: المنطقة الشرقية
اسم صاحب العمل: مؤسسة خالد شيبان عبد الله المدرسي للمقارلات

تاريخ الشهادة: ٢٠٢٥/٠١/٣١
محل الميلاد: السودان
الديانة: الاسلام

يجب التحقق من الرمز السريع قبل اعتماد التعامل مع الهوية

رخصة قيادة

المملكة العربية السعودية
وزارة الداخلية

مصعب جعفر الامين احمد
MUSAB GAFAR ELAMIN AHMED

رقم الهوية: ٢٥٤١٦٢٣٤٨٠
نوع الرخصة: خاصي
تاريخ الشهادة: ٢٠٢٤/١١/١١
تاريخ الميلاد: ١٩٩٥/٠٩/٢٦
الجنسية: السودان
تاريخ الشهادة: ٢٠٢٤/٠٧/٢٥
فئة الرخصة: B+

ID Number: 2541623480
License Type: PRIVATE
Issue Date: 11/11/2024
Date of Birth: 26/09/1995
Nationality: Sudan
Expiry Date: 25/07/2034
Blood Type: B+

يجب التحقق من الرمز السريع قبل اعتماد التعامل مع الهوية

Experience Certificate

Date: 15/ 04 / 2026

This is to certify that **Mr. Musab Jaafar Al-Amin Ahmed** was employed with Mekyal Technical Consultations & Labs as a Quality Manager from 01 Jan. 2025 to 01 Apr. 2026.

He was responsible for developing and maintaining the Quality Management System in accordance with ISO/IEC 17025:2017 and ensuring compliance with applicable standards.

He played a key role in achieving accreditation from the Saudi Accreditation Center (SAAC).

This certificate is issued upon his request without any liability to the company.

Mekyal Technical Consultations & Labs.

Lab Manager

Mohand Mohammed



ESQE

This to certifies that

MUSAB GAFAR ELAMIN AHMED

Has passed the program

Competence of testing and calibration laboratories

Auditor \internal Audit ISO 17025:2017

**AND FULFILLED THE REQUIREMENTS 25 ACTUAL TRAINING HOURS
WITH ALL THE HONORS RIGHT AND PRIVILEGES' THERETO PERTAINING**

DATE. 17\01\2025 TO 03\02\2025 S.N ESQE 17025-FE212



Chairman:

Hussein Kassem



This Certificate is valid for 3 years
And to check the statues of any
Certificate validity pleas contact us at:
www.esqe.org



Invalid date of certificate 02-02-2028
Date of Certificate 03-02-2025



www.esqe.org



Certificate no: UC-377c89f6-cba3-40ab-ac6a-0799c003bob7
Certificate url: udemy.com/certificate/UC-377c89f6-cba3-40ab-ac6a-0799c003bob7
Reference Number: 0004

CERTIFICATE OF COMPLETION

ISO 19011:2018. Management system auditor training

Instructors **Cristian Vlad Lupa**, rigcert.education

Musab Gafar Ahmed

Date **Feb. 11, 2025**

Length **2.5 total hours**

TO WHOM IT MAY CONCERN

We certify that Geologist **MUSAB GAFAR ELAMIN AHMED** had attended a training program on Geotechnical Engineering and Material Departments during the period from 07/07/2022 up to 07/10/2022 This program included:

1- Geotechnical Field Works:

- Drilling and sampling in soils, Description of Soil samples, and in situ tests such as Standard Penetration Test (SPT).

2- Geotechnical Laboratory Testing:

- Atterberg Limits Test.
- Grain Size Analysis Test.
- Compaction Test.
- UU-Triaxial Test.
- Permeability Test.
- CBR. Test.
- Linear Shrinkage.
- Natural Moisture Content Test.
- Consolidation Test.
- Unconfined Compression Test on Rock Samples.
- Specific Gravity Test.
- Shear Box Test.
- Point Load.
- Free Swelling Test.

3- Material Field Testing:

- Field Density Test (By Nuclear Gauge).
- Ultrasonic Pulse Velocity.

4- Material Laboratory Testing:

- Crushing Strength for Concrete Cubes.
- Tensile Strength of Steel.
- Concrete Mix Design.

Cement Test:

- Compressive Strength of Cement
- Initial Setting Time Test.
- Consistency Test.

5- Office Works:

- preparation of laboratory test results and borehole logs using Microsoft Office.

He is a good team worker, self-motivated and hard worker.



Eng. Abubaker M. A. Osman
Projects Manager

This Certificate is issued upon his request



Dr. Mohamed Ahmed Osman
General Manager





Issue date: 10/05/2025

Certificate ID: 192006-52537855

تاريخ الإصدار: 10/05/2025

رقم الشهادة: 192006-52537855

شهادة الخدمة Service Certificate

To whom it may concern,

إلى من يهمه الأمر،

This letter is issued by the employee upon contract termination and completion of service.

أصدرت الشهادة بناء على طلب الموظف وخدمته خلال فترة العمل لدى صاحب العمل.

Full name:	مصعب جعفر الامين احمد	الاسم الكامل:
ID / Iqama number:	2541623480	رقم الهوية / الإقامة:
Nationality:	سوداني	الجنسية:
Company name:	مؤسسة خالد شيبان عبدالله الدوسري للمقاولات	اسم المنشأة:
Job title:	جيولوجي عام	المسمى الوظيفي:
Job type:	عقد بدوام كامل	نوع الوظيفة:
Service duration:	05/08/2024 - 08/03/2025	مدة الخدمة:

This letter has been issued based on employee's request without any liability on Qiwa or HRSD. Certificate is reviewed and approved by the employer and **does not need to be signed nor stamped**. To validate this certificate, please scan the below QR Code and enter Certificates information to verify its content.

وقد أعطي هذه الإقامة بناء على طلبه ودون أدنى مسؤولية على منصة قوى. الشهادة معتمدة ولا تحتاج إلى توقيع أو ختم. للتحقق من صحة الشهادة قم بمسح الرمز أدناه ثم أدخل رقم الشهادة.

Human Resources and
Social Development

Approved by Ministry of Human Resources and Social Development
مؤتق ومعتمد من قبل وزارة الموارد البشرية والنتمية الاجتماعية



Verify certificate