

MAHMOUD ABDELAZIZ ELSAYED SALAH

HSE OFFICER | OCCUPATIONAL HEALTH & SAFETY SPECIALIST

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Geologist with a strong academic background (B.Sc. in Geology, Kafr El-Sheikh University, 2019 – ranked 6th in class). Skilled in geophysical exploration, geological mapping, hydrocarbon material analysis, and laboratory testing of engineering materials. Experienced in both field and academic environments, including geotechnical investigations, quality control of construction materials, and geology education. Seeking to contribute technical expertise to oil & gas, mining, environmental, or geotechnical projects in Saudi Arabia.

CORE COMPETENCIES

- HSE Policies & Procedures Implementation
- OSHA Standards (General & Construction)
- IOSH Managing Safely
- Risk Assessment & Hazard Identification
- Fire Risk Management & Emergency Planning
- Confined Space Safety & Permit-to-Work Systems
- Cranes & Lifting Equipment Inspection
- Cutting & Welding Safety Management
- Incident/Accident Investigation & Reporting
- Workplace Safety Audits & Inspections
- Safety Training & Toolbox Talks
- Safety Documentation & Reporting

PROFESSIONAL EXPERIENCE

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|--|----------------------------|
| Safety officer – Manarat Alarab Contracting Company (Saudi Arabia) | Oct 2025 – Present |
| <ul style="list-style-type: none">• Ensuring occupational safety and health for workers and equipment.• Preparing plans for lifting the Royal Gate of Al-Jazira Palace in Jeddah.• Preparing daily reports and work permits. | |
| Geologist – Geo Dynamics Arabia (Saudi Arabia) | Sep 2025 – Oct 2025 |
| <ul style="list-style-type: none">• Conducted soil investigation and laboratory testing of construction materials.• Prepared daily test reports and ensured compliance with Saudi standards and project specifications.• Assisted in foundation recommendations based on soil bearing capacity.• Coordinated with site engineers and consultants to ensure quality of materials used. | |
| Geologist – Mohamed Abdelwhab Company | Oct 2024 – Aug 2025 |
| <ul style="list-style-type: none">• Performed geotechnical site investigations including borehole drilling, sampling, and logging.• Carried out soil and rock mechanics tests (compaction, permeability, shear strength, etc.).• Supervised laboratory technicians and ensured proper calibration of testing equipment.• Prepared detailed technical reports and presented results to project management.• Monitored construction materials quality to meet project specifications and safety standards. | |

High School Geology Teacher

Sep 2023 – Aug 2024

- Delivered geology curriculum with focus on earth sciences, rocks, minerals, and geophysical processes.
- Simplified complex geological topics through experiments, models, and practical activities.
- Conducted exam preparation sessions that improved student performance and results.
- Mentored students in scientific research and environmental projects.

Geologist – Dr. Khaled Kandil Engineering Consulting Office

Jan 2022 – Aug 2023

- Conducted geotechnical site investigations, soil classification, and foundation analysis.
- Oversaw laboratory testing for concrete, asphalt, and aggregate materials.
- Implemented quality control procedures to ensure compliance with engineering codes.
- Collaborated with multidisciplinary teams to provide geological solutions for infrastructure projects.
- Prepared geological maps and cross-sections for project reports.

Materials Laboratory Engineer – CEL For Consulting Engineering Laboratory

Dec 2020 – Dec 2021

- Conducted soil, rock, and construction material testing for Ahmed Hamdi Tunnel Project.
- Performed standard tests including Proctor, CBR, Atterberg Limits, sieve analysis, and compressive strength.
- Ensured compliance with Egyptian code and international standards (ASTM/BS).
- Prepared technical reports and submitted recommendations to project engineers.
- Maintained laboratory safety standards and trained junior staff on testing procedures.

EDUCATION

- B.Sc. in Geology | Kafr El-Sheikh University | 2019
 - Grade: Good | Ranked 6th in Class
 - Graduation Project: Geophysical Exploration of Hydrocarbon Materials | Grade: Excellent

CERTIFICATIONS & TRAINING

- OSHA General Safety & Health
- OSHA Construction Safety & Health
- Fire Marshal Course
- Scaffold Competent Person Course
- Cutting & Welding Operations Safety
- First Aid & CPR
- Confined Space Work Safety
- Crane & Equipment Inspection – Safe Lifting
- IOSH Managing Safely

TECHNICAL SKILLS

- MS Office (Word, Excel, PowerPoint, Access, Outlook)
- Safety Documentation & Reporting Systems
- Risk Analysis Tools & Safety Checklists
- Computer & Internet Proficiency

PERSONAL SKILLS

- Leadership & Teamwork
- Problem Solving & Decision Making
- Strategic Thinking
- Effective Communication
- Adaptability & Flexibility
- Integrity & Ethics
- Time Management & Organization

LANGUAGES

- **Arabic:** Native
- **English:** Very Good