

AMIRA AHMED IBRAHIM AL-MEKAWY

SENIOR HEALTH AND SAFETY ENGINEER

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SUMMARY

Results-oriented Health and Safety Engineer with a strong foundation in [relevant safety standards, e.g., OSHA, ISO]. Proficient in conducting safety audits, incident investigations, and developing comprehensive safety plans. Experienced in training employees on safety procedures and promoting a positive safety culture.

EDUCATION

Bachelor of Petroleum and Mining Geology, Faculty of Science, Mansoura University

2017- 2021

GPA: 2 /4 (70%)

Graduation Project: "Oil potentiality of the BAHARIYA and the ALAMIEN dolomite formation Razzak oil field in the western desert, Egypt".

GPA: 4/4 (98%)

WORK EXPERIENCE

Senior HSE in EPHH Rig Manufacturing company

March 2024 - Present

- Hazard Identification: Identifying potential hazards throughout the manufacturing process, including chemical exposure, noise pollution, heavy machinery, and ergonomic risks.
- Risk Assessment: Conducting thorough risk assessments to evaluate the likelihood and severity of hazards.
- Management meeting: Conduct monthly HSE meeting with company management about HSE performance.
- Mandatory Training: Providing comprehensive safety training to all employees, including new hires and refresher courses for existing staff.
- Emergency Response Training: Conducting emergency response drills and training employees on procedures for handling accidents, fires, and spills.
- Safety Awareness: Promoting a strong safety culture within the organization through ongoing communication and education.
- Regular Inspections: Conducting routine safety inspections of the manufacturing facility, equipment, and work areas to identify potential hazards and ensure compliance with safety standards.
- Safety Audits: Conducting internal and external safety audits to assess the effectiveness of the company's H&S program and identify areas for improvement. Participate in Rig commissioning audit
- Incident Investigation: Promptly investigating all accidents, injuries, and near-misses to determine the root causes and prevent recurrence.
- Reporting: Ensuring that all incidents are reported and documented in accordance with company policies and regulatory requirements.
- Emergency Response Plans: Developing and implementing emergency response plans for various scenarios, such as fires, spills, or medical emergencies.
- Documentation: Maintaining accurate records of safety training, inspections, incident investigations, and other relevant documentation.
- Create and update H& S procedures: Update and create the procedures to align with H&S standards.
- Vendor assessment: Conduct PPE vendor assessment.

- **Emergency Equipment:** Ensuring that adequate emergency equipment, such as fire extinguishers, first aid kits, and evacuation plans, are readily available.
- **Emergency Drills:** Conducting regular emergency drills to test the effectiveness of the emergency response plan.
- **Staying Informed:** Keeping up-to-date with all relevant health and safety regulations and industry standards.
- **Rig Acceptance preparation:** Comply the safety client requirements to facilitate Rig acceptance.

Senior HSE in SGM-Sukari Gold Mine :

OCT 2023-Feb 2024

- Conducting regular inspections of facilities such as unsafe equipment, and hazardous substances. they also monitor air quality, ventilation system, and noise levels to ensure compliance with safety regulations.
- Ensure the implementation and monitor the HSE Management system which includes safe work procedures.
- Ensure the execution of a risk assessment plan with the objective of identifying, accessing, and developing action plans to mitigate hazards.
- Ensure the implementation development of HSE incident reporting and investigation guidelines.
- Ensure the compliance of company operations with safety, occupational health , and environment laws and regulations.
- Investigating accidents and incidents: when accidents or incidents occur at sites, conduct thorough investigations to determine the root causes and identify potential corrective active.
- Ensuring compliance with safety regulations: must maintain a deep understanding of all applicable safety regulations and ensure that operation comply with these standards. They may also collaborate with regulatory agencies to review and revise safety regulation as needed.
- Providing safety training: conduct training sessions, develop safety manuals, and provide ongoing safety guidance to workers.
- Promoting a culture of safety: strive to foster a culture of safety throughout the organization. they encourage open communication about safety concerns and recognize safe work practices.

HSE Engineer in Petrojet (Midor Project) :

Feb 2022-Sep 2023

- Apply daily HSE activities in workplace such as work permits supervision, continual gas testing and site visual checks on worker behaviors and hazardous conditions.
- Guiding supervisors to perform the required tasks safely regarding the sufficient scientific knowledge side by side their experience.
- Continually maintaining safe working environment by executing health and safety aspects regarding local and international standards.
- Create Lifting plan for lifting operation.
- Inspect Lifting equipment and tools and inspect the machine integrity.
- Conduct Tool box talk/ morning meeting with more than 3000 employees.
- Attending shutdown of MIDOR refinery factory.
- Being the HSE responsible for partial shutdown (Hot works at live area) at the most dangerous unit in MIDOR refinery factory(unit 11& 5 old &2&3 &4).
- Being the HSE responsible for construction work at unit 46 & 58 &60.
- Working in green field and deal with civil activities.
- Construction works of steel structure and piping.

CERTIFICATIONS AND TECHNICAL QUALIFICATIONS

- Jun. 2022: NEBOSH IGC International General Certificate in Occupational Health and Safety.
 - May 2022: IASP International Association of Safety Professional - General Industry
 - Jan. 2022: Enppi certificate of attendance to site HSE Training Academy at MIDOR Project
 - Dec. 2021: OSHA standards for General Industry (29 CFR 1910).
 - Dec. 2021: OSHA standards for Construction(29 CFR 1926).
 - Dec. 2021: IOSH Managing Safely a course approved and validated by the Institution of Occupational Safety and Health.
 - Jul. 2020: Diploma from the American International Academy (Conversational & General English).
- Nov. 2018: EPC–EAGE Petroleum Conference (Introduction of the well logging and mud logging beside basics of H2S hazardous in the oil field)

TRAINING

- Jul. 2019: Gulf of Suez Petroleum Company (GUPCO). (An overview of Rig components, Safety introduction, course about Geologic study of Gulf of Suez Area)
- Jun. 2019: El NASR mining company. Course about the importance and economy of the different minerals used in the company.
- Jul. 2018: Egyptian Natural Gas Company (GASCO). (Safety introduction, Course about the different Geophysics methods)
- Jul. 2018: AGIBA Petroleum Company. (Geologic study on the area of Western Desert including geologic formations, paleontology, and Geologic structures of the area)

SOFT SKILLS

- **Language**

Arabic (Mother tongue)

English (Very Good)

- **SOFTWARE SKILLS**

- Microsoft office (Word, Excel, PowerPoint)
- Arc GIS
- Surfer
- Petromod