

HAMZA HAMID AHMED

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About Me

An environmental, occupational health, and safety expert with over 9 years of experience in environmental and occupational health and safety management systems. Trained in ESG & Sustainability, EIA/EA (Environmental Impact Assessment), ISO 14001:2015 (Environmental Management systems), IOSH Managing Safely, Project Closure & Ecological Restoration, OHSAS 18001 Lead Auditor (Occupational Health & Safety Management Systems), and GIS. Expertise in environmental compliance and in the implementation of environmental and safety management systems. Capable of undertaking monitoring of environmental, health, and safety aspects including air quality, water quality, noise, radiation, and ecological assessments, environmental and safety audits, inspections, soil sampling and analysis, hazard identification, and workplace health and safety risk assessments. Proficient in research, data analysis, reporting, and presentation. Hard-working and reliable team player and believer in teamwork. Committed to ensuring sustainable use and conservation of the environment. Experienced in mine rehabilitation and restoration.

Core Skills and Expertise

- Expertise in environmental compliance
- Environmental Management Systems
- Water Resource management
- Waste Management
- Environmental and Safety audits
- Environmental and Safety Inspections
- Inland Oil Spill Management
- Environmental Impact Assessments (EIAs)
- Environmental surveys
- Remote Sensing and GIS skills
- Leadership and development
- Excellent organizational and project management
- Exceptional communication skills
- Sampling collection and analysis
- Research, report, and presentation
- Teamwork skills
- MS Office applications

Work Experience

October 2023 – To date

**Base Titanium, Kwale Sand Mine Project
Acting Environmental Monitoring Superintendent**

Key Responsibilities

- Overseeing and actively taking part in the implementation of EMS activities
- Implementing the Environmental Management Systems to the highest standards; in compliance with industry best practice standards and protocols, regulatory requirements, and adherence to safety regulations.
- Overseeing the Environmental Monitoring Programme activities. including meteorological monitoring, surface water and groundwater characteristics monitoring, air quality (dust and emissions),

wastewater and stormwater monitoring, macro-invertebrate monitoring, noise, noise monitoring and environmental radiation monitoring.

- Implement the ecological rehabilitation monitoring and restoration program activities to the highest standards, in compliance with industry best practice standards and protocols, regulatory requirements, and adherence to safety regulations.
- Delivery of the Environmental Department's objectives and activities.
- Focus on safety, quality, and speed of output and accuracy.

April 2016 – October 2023

**Base Titanium, Kwale Sand Mine Project
Ecological Monitoring Supervisor**

Key Responsibilities

- Ensuring sound environmental management and good environmental practices are implemented and adhered to.
- Implement the ecological rehabilitation monitoring and restoration program activities to the highest standards, in compliance with industry best practice standards and protocols, regulatory requirements, and adherence to safety regulations.
- Implementing the Environmental Management Systems to the highest standards; in compliance with industry best practice standards and protocols, regulatory requirements, and adherence to safety regulations.
- Delivery of the Environmental Department's objectives and activities.
- Focus on safety, quality, and speed of output and accuracy.

October 2014 – April 2016

**Base Titanium, Kwale Sand Mine Project
Graduate Trainee**

Key Responsibilities

- Completed department-specific competencies as defined in the GT Booklet
- Completed all assigned tasks within the deadline.
- Reported on all completed tasks and provided regular documented progress reports.
- Completed weekly journals and maintained an up-to-date Graduate Booklet
- Displayed good work etiquette – general correspondence, communication skills, attendance, and understanding of policies and procedures.
- Attended all scheduled meetings with mentor and Training Centre.

May 2013 – July 2013

**Kenya Port Authority, Mombasa-Kenya
Intern**

Key Responsibilities

- Undertook environmental monitoring and inspections.
- Learned modern equipment for controlling oil spillage.
- Participated in routine inspection of pollution control equipment.
- Participated in the bunkering process.
- Acquired knowledge and skills in harbor inspectorate.
- Completed all assigned tasks within the deadline.

Education

- **MSc Environmental Toxicology and Pollution Monitoring**
2020 – 2023
Ulster University
- **BSc Environmental Science (First Class Honors)**
2010 – 2014
Kenyatta University
- **Kenya Certificate of Secondary Education, (B+)**
2005 – 2008
Tudor Day Secondary School

Professional Trainings

- **ESG and Sustainability: ESG Corporate Masterclass 2023**, Udemmy
- **Internal Auditor Training: ISO 14001:2015-Environmental Management Systems**, SGS
- **Integrated Environmental Impact Assessment & Environmental Audit**, Kenya School of Government
- **Project Closure and Ecological Restoration**, KIPYA, University of Calgary Canada, & Bamburi Haller Park
- **IOSH Workplace Managing Safely**, Astutis Ltd
- **OHSAS 18001 Lead Auditor (Occupational Health & Safety Management Systems)**, Bureau Veritas Certification
- **ArcGIS 1 & 2: Introduction to GIS & Essential Workflows**, Esri Eastern Africa
- **New Supervisor - The First Six Months**, www.TrainingDepartment.com
- **Specialist Training Course on Ecological Monitoring of Fresh Water Aquatic Systems**, National Museum of Kenya
- **Base Occupational Health and Safety (OHS) and Environment Trainings**, Base Titanium

Achievements

- As an integral member of the Environment team, successfully helped Base Titanium become the only mining company in East and Central Africa to attain ISO 14001:2015 certification.
- Conducted an MSc field research project in Base Titanium on the silt dam to determine the impacts of the Silt dam on macroinvertebrate species assemblage. -The project manuscript is under peer review.
- Worked with Pwani University lecturers on post-mining land-use projects in rehabilitated mined-out areas and successfully published one journal paper.

Interests

- Volunteering – Volunteered in many community services geared towards environmental conservation and protection, e.g., mangrove tree planting at Tudor Creek and Gazi Bay, ocean clean-ups in the stretch of Diani beach to Wasini Island.
- Travelling - I have visited major towns in Kenya for study and recreation.
- Reading – Inspirational and Motivational books
- Sports – Football and swimming

Referees

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