

MUHAMMAD SHOAIB KHAN

Environmental Engineer



CONTACT

Al-Wajh , Tabuk



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SKILLS

- Communication
- Site Inspections
- Pollution mitigation
- Environmental assessment
- Multitasker
- Team player
- Health and Safety
- Environmental monitoring
- Public speaking confidence
- Report writing clarity
- Identifying environmental concerns
- Data collection
- Environmental law compliance
- Energy conservation
- Site investigation
- Energy usage strategy
- Environmental awareness
- Waste management technologies
- Problem Diagnosis
- Quality Assurance
- Sub-contractor management
- Data collection and analysis
- Environmental impact analysis
- Hazardous materials handling
- Noise pollution measurement
- Resource management
- Environmental permitting
- Environmental compliance
- Waste management strategy development
- Contaminated land remediation
- Air pollution control

Environmental Specialist with extensive expertise in environmental assessment, pollution mitigation, and site inspections. Demonstrates strong skills in data collection and analysis, environmental law compliance, and hazardous materials handling. Proven ability to develop effective waste management strategies and implement environmental management systems. Adept at conducting environmental impact assessments and ensuring health and safety standards are met. Committed to promoting energy conservation and resource management while addressing environmental concerns through innovative solutions.

EXPERIENCE

Environmental Engineer

December 2023 - Current

Al-Enjaz Trading and Contracting Company, Projects:
L06-I01C02-Design & Build Coastal Roads at Laheq Island Umluj Red Sea Global

R12-T08C11 Land raising, Stockpiling & Rough Contouring Umluj Red Sea Global

R02-I16C27-Airport Air Taxi Terminal (ATT) External Works Umluj Red Sea Global

Numan Island INTERCHANGE Al-Wajh Amala Development of Al-Ahsa Oasis and Connecting it to External Roads Project No: HSA3-02-005

Eastern Region Al-Ahsa

Responsibilities:

- Identify environmental risks and develop risk management strategies for civil engineering projects
- Test soils or materials to determine the adequacy and strength of foundations, concrete, asphalt
- Waste Management
- Asphalt Waste to dispose at landfill area
- Drive waste reduction, including energy and water usage reduction pollution prevention / reduction
- Serve as a subject matter technical resource to all levels of the organization
- Serve as primary environmental resource on all emergency program development and administration
- Daily, Weekly and Monthly inspection, reporting
- Developed and implemented waste management strategies to minimize waste production and promote recycling efforts.
- Monitored environmental legislation changes, advising management on implications for company operations and

- Hazardous waste remediation
- Environmental management system implementation
- Environmental impact assessment
- Chemical spill containment

CERTIFICATIONS

- OTHM Level-7 Diploma in Environmental & Sustainability Management
- EMS 14001:2015 Environmental Management Systems
- Diploma in Environmental Management System
- AOSH Level-2 (Best Practices on Sustainability)
- AOSH Level-2 Environmental Principles and Best Practices
- AOSH level-3 (Environmental Management)
- Level-4 Environmental Management and Legal Compliance

PERSONAL INFORMATION

Nationality: Pakistani

REFERENCES

- M ZUNAIR KHAN, Environmental Manager, China Railway Construction Corporation -Saudi Arabia, +966 59 265 4756, zunair.khan@crcc.sa
- Zeeshan Ahmed, Environmental Manager, Al-Enjaz Trading & Contracting Company, +966 57 571 8984, e.zeeshan@enjazz-co.com

CUSTOM SECTION

Transferable

compliance strategies.

- Led training sessions for individuals, communities and groups to help decrease environmental impact and avoid depleting natural resources.

Environmental Engineer

October 2022 - December 2023

China Railway Construction Company (CRCC), Neom, Tabuk

Project; Neom Tunnel Access Adit Portal Formation

Responsibilities;

- Developing the air quality plans and implementing and monitoring
- Developing PSMP, CESMP, EMS, COR, E- plans
- Environmental and Sustainability training management program
- Developing policies procedures and environmental programs
- Internal Audits programs
- Daily weekly and monthly environmental reports
- Weekly environmental progress meetings
- GHG monitoring
- Record keeping off all environmental documents
- Environmental assurance and environmental surveillance programs
- Implementation of environmental Accord and environmental permits by NCEC/Client

Environmental Engineer

March 2022 - October 2022

Speed House Group of Companies, Umluj, Red Sea, Tabuk

Project; Residential Villas for workers

Responsibilities;

- Determining the best ways to meet business goals while protecting the environment
- Monitoring employee performance to ensure that they are following all Environmental regulations and meeting performance standards
- Maintaining records of environmental data, such as waste segregation, water quality samples or air emissions testing results
- Recommending solutions to environmental problems such as poor air quality, contaminated drinking water, or exposure to hazardous materials
- Developing plans for recycling programs, waste reduction campaigns, and other initiatives that help preserve natural resources
- Coordinating with government agencies to develop or update environmental regulations and laws

- Preparing reports that detail findings and recommendations, which may then be reviewed by other members of the team
- Tunnel air quality monitoring
- Environmental Training's and muck drills
- Developing, implementing, and monitoring environmental policies, procedures, and programs
- Conducting inspections of work sites for compliance with environmental regulations

Environmental Engineer

January 2021 - February 2022

HALLA Energy & Environment Co Ltd.

Responsibilities;

- Prepare Construction and Operation Environmental Management Plan
- Co-ordinate with team to produce detailed project information fit for the ESIA
- Worked with Sub-contractors to design numerous terrestrial and marine ecological base line surveys for different projects
- Provide environmental and consenting advice on a range of different types of projects such as, excavation for utilities and infrastructure, spoil re use disposal/ reclamation
- Produced and delivered written reports identifying noncompliance and information gaps
- Experienced in Site Inspections and audits to ensure compliance with management and action plans
- Involved in Real time environmental monitoring and continuous environmental monitoring
- Development of different Environmental Management Plans depending on project requirements
- Detail knowledge and experience of Environmental sampling for water and soils
- Responsible for implementation of waste management plan for proper collection and storage of waste generated on site & communal camps and safe disposal
- Develop & implement the site and communal specific environmental emergency response plan (EERP), record the incidents and its findings
- Lead the Emergency Response Team and comply with all Company policies and procedures
- Conduct biannually environmental emergency drills & exercises to coop with potential accidents/incidents

Senior Environmental Supervisor

January 2020 - December 2020

Zamil Construction Company Ltd., Turaif

Project;SEC (WAS ISCCPP) Power Plant Turaif

Responsibilities;

- Lead the review, development, and implementation of the project's Environmental Management Strategy, developing plans, procedures, and procedural guidance for the effective application of sound environmental management practice
- Conducting and supervision of Environmental Monitoring activities
- Actively participate within the work of the Health, Safety & Environment department, contributing to discussions, effectively communicating information to and from the department, acting as the source of authority and expertise on environmental management matter
- Implementing CEMP and providing guidance on local Environmental regulations
- Generating daily, weekly and monthly environmental reports
- Preparing environmental risk assessments for project tasks
- Generating environmental action plans for any new issue raised that is not covered in the CEMP
- Running monitoring programs for air quality, noise, marine water and weather, and preparing the related charts and reports which can be presentable to management and client representatives
- Inspection of batching plant for environmental Compliance
- Plan, coordinate, and administer short- and long-term plans for the environmental program, monitor progress, assure adherence, and evaluate performance
- Develop and deliver presentations on trend and training basis on different topics like Construction projects environmental management, General Environmental inductions, marine and terrestrial spill response, safe refueling practices, General waste management, Food waste management, Waste segregation, Storage of chemicals, Pollution prevention etc
- Responsible for doing regular work site inspections and audits to bring any environmental issues up to field management for achieving maximum environmental compliance
- Established sampling and analysis procedures; compiling analyzing and evaluating the generated data and preparing required outlines
- Conducting inspections & observations of project sites to establish dust generation and odor migration severity and ensuring that the application
- Assist the HSE team in the investigation and reporting of all

accidents, incidents and near misses and making sure of its closing out

Environmental Officer

July 2019 - January 2020

CDM Smith, Mangla , Pakistan

Project; Mangla Dam Rehabilitation

- Managed hazardous waste disposal, ensuring safe and compliant practices that protected public health.
- Developed an organisation-wide sustainability strategy, setting targets for waste reduction, energy use, and carbon emissions.
- Collaborated with local authorities to develop sustainable waste management practices, reducing landfill use by 25%.
- Negotiated with contractors to ensure environmentally responsible construction methods were adopted.
- Conducted comprehensive environmental impact assessments for proposed projects, identifying potential risks and mitigation strategies.
- Supervised the restoration of contaminated land, returning it to safe and productive use.
- Oversaw site audits to identify environmental non-compliance issues and recommended corrective actions.
- Monitored air and water quality to comply with national standards, addressing violations promptly.
- Prepared reports on environmental incidents, outlining causes, impacts, and preventive measures.
- Negotiated with suppliers to adopt greener products and services, reducing the organisation's environmental impact.
- Established metrics for tracking the progress of environmental goals, enabling clear reporting and accountability.
- Stayed up-to-date with environmental developments, promptly briefing internal and external colleagues and clients on changes.

EDUCATION

Masters Social Science

Quaid-e-Azam University, Islamabad

Bachelor of Arts

University of Sargodha