



Saudi Arabia



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SHAHIN BHASHA SHAIK**MASTER'S OF TECHNOLOGY**

ENVIRONMENTAL ENGINEERING

BITS Pilani – India

2022-2024

MASTER OF SCIENCE

ENVIRONMENTAL SCIENCES

Acharya Nagarjuna University – India

2010-2012

**ADVANCED DIPLOMA IN
INDUSTRIAL SAFETY (ADIS)**MSBTE (Maharashtra State Board of
Technical Education) – India

2019-2020

IGBC – Accredited Professional (AP)

INDIAN GREEN BUILDING COUNCIL

LEED – Green Associate (GA)

U.S. GREEN BUILDING COUNCIL

POST GRADUATE DIPLOMA

HEALTH, SAFETY, AND ENVIRONMENT

Annamalai University – India

2012-2013

IOSH

MANAGING SAFELY

CONFEDERATION OF INDIAN**INDUSTRY (CII)**

SUSTAINABILITY REPORTING

// ABOUT ME

Accomplished Environmental and Social Impact Assessment (ESIA) Specialist with over **12 years 11 months of experience** in the construction and infrastructure sectors, contributing to high-value projects across **Saudi Arabia and India**. I hold a **Master of Technology (M.Tech) in Environmental Engineering** and a **Master of Science (M.Sc) in Environmental Sciences**, combining strong academic knowledge with practical expertise in environmental and sustainability management.

I have extensive experience working with both “**General Consultants and EPC Contractors**”, playing a pivotal role in ensuring environmental compliance and sustainability integration across major infrastructure developments. Key project engagements include the prestigious **NEOM Project** in KSA, **elevated and underground metro rail systems, underground transportation tunnels, and thermal power projects**, many of which were financed by leading multilateral and bilateral agencies such as **JICA, ADB, and the World Bank**.

My core competencies include:

- Well aware of **Environmental and Social Impact Assessments (ESIA)** in line with international standards (IFC, WB, ADB & JICA)
- Performing **Environmental Site Assessments** and **Due Diligence**
- Leading **Environmental compliance audits** and **gap analysis**
- Developing and implementing **Environmental Management Plans (EMP)**
- Overseeing **ISO 14001:2015** Environmental Management System implementation
- Managing **Hazardous and Non-Hazardous wastes** in line with regulatory requirements. Promote and implementing the 5Rs (Refuse, Reduce, Reuse, Recycle, Rot) to enhance environmental sustainability and minimize organizational waste.
- Driving **Sustainability reporting** as per employer procedures
- Ensuring **legal and regulatory compliance** in diverse jurisdictions

Possess a thorough understanding of **Saudi Arabian environmental regulations** as well as Indian environmental statutes, with hands-on experience coordinating with environmental authorities and stakeholders. Adept at preparing technical documentation, stakeholder engagement, and integrating **Environmental and Sustainability** best practices into project lifecycles from planning through execution.

// SPECIALIZED TRAINING

- ✓ Basic First Aid Training (CPR, AED) – American Heart Association
- ✓ Emergency Rescue and Fire Fighting Training
- ✓ Confined Space Training

Personal Details:Father Name: **Shaik Subhan**Marital Status: **Married**D.O.B: **27.02.1989**Passport: **Indian Passport**Driving License: **KSA & India****Languages Known:**English Hindi Arabic Telugu

// WORK EXPERIENCE

SEP' 2024 – Present ENVIRONMENTAL AND SUSTAINABILITY MANAGER

Al-Shalawi International Company, KSA

TROJENA – Military Road Safety Upgrade – Site Wide Cluster (Compliance with NEOM, IPMT, IFC, NCEC, MEWA, NCV & NEV Standards).

JUL' 2023 – SEP' 2024 ENVIRONMENTAL MANAGER

Al-Yamama International Company, KSA

NEOM – Lot 09 (WO-11 & 15) at Site Preparation Framework, Spine Earth Works – Coastal Desert West Region (Compliance with NEOM, IPMT, IFC, NCEC, MEWA, NCV & NEV Standards)

RESPONSIBILITIES:

- Prepared, implemented, and periodically reviewed the CESMP, along with all key environmental, sustainability, and compliance plans (Dust, Waste, Spill, Erosion & Sedimentation, GHG reduction, Mobilization, Training, Emergency response, Baseline surveys, and Sustainability supply chain), ensuring full alignment with NEOM standards and evolving project requirements.
- Submitting the detailed weekly and monthly environmental and Sustainability progress reports to IPMT - NEOM, ensuring transparency and proactive compliance. Acted as the primary liaison for all environmental matters.
- Preparing LAR's (Land allocation Requests), MOC's (Management of Changes) for Additional work areas and Stockpiles.
- Conducting audits and inspections in accordance with Environmental procedures; ensured that all subcontractors were informed of any plan updates. Verified site activities complied with ISO 14001:2015 and project-specific NEOM standards.
- Managing the Environmental NCRs, weekly inspections, and improvement notices. Maintained the incidents and grievance register, ensuring thorough follow-up and resolution.
- Developed and delivered Environmental induction programs and training materials. Maintained up-to-date training registers and improved environmental awareness among site personnel.
- Ensured materials used on-site were environmentally safe and sustainable. Ensure that materials and construction practices support NEOM's sustainability framework by prioritizing eco-friendly, low-impact, and resource-efficient materials and technologies.
- Implemented ISO 14001 documentation at the site level, including risk and opportunity registers, stakeholder requirements, process mapping, and environmental aspects and impacts analysis.
- Coordinated with NEOM and project stakeholders regarding any environmental scope changes, potential impacts, and performance updates. Participated in meetings and provided technical input on sustainability issues.
- Ensured project compliance with MEWA permits, NEV Environmental Accord, IFC environmental requirements, and NCEC regulations.
- Ensuring the proper disposal of hazardous and non-hazardous waste in compliance with environmental regulations, while also implementing effective recycling programs to minimize landfill use.
- Monitoring environmental parameters including air quality, water runoff, and noise levels.
- Implementing the erosion control and biodiversity protection measures.

SEP' 2021 – JUL' 2023

SENIOR ENVIRONMENTAL MANAGER

NIPPON KOEI INDIA PRIVATE LIMITED, INDIA

General Consultant – Chennai Metro Rail Limited Phase (CMRL) – II Underground Metro Rail Project. (Compliance with Central Pollution Control Board, State Pollution Control Boards, Consent to operate, Client Environmental Management Arrangements and Employer Requirements Standards).

RESPONSIBILITIES:

- Monitored and ensured contractors compliance with environmental conditions outlined in the CMRL Contract of conditions, Environmental Clearances (EC), Consent to Establish/Operate (CTE/CTO), Construction and Demolition Waste Management Rules, 2016, Hazardous Waste Management Rules, 2016, and other applicable MoEF&CC, CPCB, and Tamilnadu State Pollution Control Board (SPCB) guidelines.
- Assisted in preparation of the **Environmental Management Plan (EMP)** in accordance with CMRL Environmental Guidelines and JICA guidelines.
- Reviewed and approved project-specific environmental documentation, including Site Environmental Management Plans (SEMPs), Waste Management Plans (WMPs), Spill Prevention and Response Plans, Emergency Preparedness and Response Plans, Site-Specific Standard Operating Procedures (SOPs) and Method Statements, as well as Monsoon Preparedness Plans.
- Coordinated with statutory authorities (SPCBs, Forest Department, Urban Local Bodies) for obtaining and renewing all necessary permits/NOCs including:
 - Tree felling/transplantation permissions. (Green committee)
 - Water and Air consents (CTE/CTO) for batching plants
 - Authorization for hazardous and biomedical waste
 - Storm water/ Construction waste water discharges.
- Supervised ambient air, noise, tunnel waste water and groundwater quality monitoring through NABL-accredited laboratories and evaluating the lab reports and proposing corrective actions in case of deviation from prescribed limits.
- Compiled and submitted Monthly Environmental Monitoring Reports (EMMRs) to employer.
- Conducted Monthly site audits and weekly walkthroughs as per client criteria for dust suppression, waste handling, spill management, oil/fuel storage compliance, noise control, and construction runoff management. Prepared audit findings, tracked CAPA implementation, and escalated major non-compliances to project management and contractors.
- Reviewed and approved contractor-proposed **muck disposal sites** and ensured implementation of environmental safeguards (lining, fencing, runoff control) and maintenance of disposal manifests.
- Monitored environmental risks related to **tunneling (TBM methods)** such as groundwater seepage, settlement, dust emissions, and safe disposal of tunnel muck.
- Acted as a focal point for addressing environmental grievances raised by local residents and stakeholders to CMRL Environmental Cell.
- Participating in regular coordination meetings with CMRL's Environmental department to discuss contractors' environmental compliance status, address site-specific issues, review of audit findings, and align contractor performance with project EMP and status of statutory obligations.

KEY ACHIEVEMENTS IN PROJECT:

- Successfully led coordination with major contractors (M/s. TATA Projects and M/s. URC Projects Ltd.) to implement and standardize ISO 14001:2015 Environmental Management System across project sites.
- I was Played a key role in the planning, coordination, and execution of a large-scale compensatory afforestation drive, achieving the plantation of **15,000** saplings within a three-month period, significantly contributing to project sustainability goals.

SEP' 2018 – SEP' 2021

ASSISTANT MANAGER – ENVIRONMENT

HINDUSTAN CONSTRUCTION COMPANY, INDIA

Client Approved as Environmental Manager – UGC 02, Underground Metro Rail line -03 (MMRC), Mumbai

(Compliance with Central Pollution Control Board, Maharashtra State Pollution Control Board, Consent to operate, Client Environmental Management Arrangements and Employer Requirements Standards).

Project: Detailed Design and Construction of Underground section include Four Underground Stations at CST, Kalbadevi, Girgoan and Grant Road and Associated (TBM) Bored Tunnels.

RESPONSIBILITIES:

- Developed and implemented the Environmental Management Plan (EMP) in compliance with ISO 14001:2015 standards, ensuring systematic documentation and site-wide adherence.
- Periodically reviewed and updated key site-specific plans including Muck Disposal Plan, Waste Management Plan, Construction & Demolition Waste Plan, Noise & Dust Mitigation Plan, and Monsoon Preparedness Plan.
- Conducted environmental monitoring for Ambient Air Quality, Noise Levels, Wastewater, Soil, and TCLP parameters, and analysed emissions from equipment such as Locomotives and DG stacks; compiled and submitted detailed reports to GC/MMRC.
- Led weekly environmental walkthroughs, prepared compliance reports, and followed up on identified non-conformities to ensure rectification and continual improvement.
- Facilitated both internal and external environmental audits, initiating appropriate Corrective and Preventive Actions (CAPA) based on audit findings.
- Ensured full compliance with all relevant central, state, and international environmental regulations as per project contractual obligations.
- Maintained site operations in alignment with the Site Environmental Management Plan (SEMP) and ISO environmental standards.
- Implemented key ISO 14001:2015 documents such as Risk & Opportunity Register, Aspect-Impact Register, Process Mapping, Internal & External Communication Logs, and Stakeholder Requirement Records.
- Evaluated and optimized waste management, disposal, and resource conservation practices, and developed actionable plans for sustainable operations.
- Performed environmental performance evaluations using key indicators such as hazardous waste generation, energy consumption, water usage, and resource efficiency.
- Supervised maintenance and performance of pollution control equipment, ensuring optimal efficiency and minimal environmental impact.
- Promoted environmental awareness across the site by conducting Toolbox Talks, awareness campaigns, and workforce training programs.
- Investigated and analysed environmental incidents, deviations, and adverse conditions; recommended and implemented preventive measures in line with environmental protocols.
- Coordinated with authorized agencies and third-party vendors for hazardous waste management and disposal, maintaining legal compliance.
- Liaised with MCGM Tree Authority for tree-cutting/transplantation permissions; prepared detailed tree inventories and supervised execution of related activities.
- Managed public relations concerning grievances from nearby communities due to construction impacts, ensuring timely resolution and mitigation of concerns.

KEY ACHIEVEMENTS IN PROJECT:

- Successfully implemented, maintained, and ensured full compliance with ISO 14001:2015 Environmental Management System standards at the project site.
- Coordinated with an authorized environmental monitoring agency within the stipulated project budget and conducted all required environmental monitoring activities regularly as per contractual obligations and National Ambient Air Quality Standards (NAAQS).
- Maintained a "Zero Penalties" and "Zero Complaints" record from state and central regulatory authorities concerning environmental compliance to date.
- Secured all necessary legal permissions from Maharashtra Pollution Control Board (MPCB) and local authorities as per project contract and legal requirements.

// WORK EXPERIENCE

- Obtained statutory authorizations including: Biomedical Waste Authorization, Hazardous Waste Generation Authorization, Consent to Operate (CTO) for the RMC Plant from MPCB, Construction and Demolition Waste Management Approval from the Solid Waste Management Department, MCGM
- Ensured timely submission of mandatory environmental reports such as: Form V – Environmental Annual Statement, Form IV – Bio-Medical Waste Annual Report, Form IV – Hazardous Waste Annual Return to MPCB
- Initiated and implemented a program for e-waste collection, identifying and coordinating with an authorized vendor for safe and periodic disposal.
- Successfully obtained permissions from MCGM for tree cutting and transplantation, and executed transplantation activities with 100% survival maintenance of compensatory plantation to date.

JAN' 2017 – SEP' 2018

HSE OFFICER – ROLE: ENVIRONMENTAL MANAGER

AFCONS INFRASTRUCTURE LIMITED a Shapoorji Pallonji Group, INDIA

(Compliance with Central Pollution Control Board, Maharashtra State Pollution Control Board, Consent to operate, Client Environmental Management Arrangements and Employer Requirements Standards).

Projects: 1. (JAN – 2017 to JUN – 2018) UAA-08 Underground Metro Line Project, Design validation and Construction of works of Underground Station boxes D-wall at Sir Theagaraya college and Korukkupet station including associated Cut and Cover Bored TBM Tunnels. – Chennai.

2. (JUN– 2018 to SEP – 2018) Reach-03 Nagpur metro rail Project (Elevated), Nagpur

RESPONSIBILITIES:

- Coordinate and communicate with management to ensure that environmental requirements are understood at all levels.
- Identify the need for, and liaise with, third parties for specialized training of Afcons personnel, including training for subcontractors where required.
- Prepare Environmental Standard Operating Procedures (SOPs).
- Ensure that environmental impact monitorings are conducted as per the requirements of the construction site (e.g., monitoring of air pollution, wastewater generation, and noise pollution).
- Implement control measures for dust suppression, noise pollution, oil spillages, and chemical spillages.
- Maintain communication with regulatory authorities.
- Monitor and report on the day-to-day implementation of environmental procedures; conduct regular audits of waste systems and inspections of waste facilities.
- Closely monitor environmental aspects related to site activities.
- Implement the Improvement Management Plan (IMP), including the application of 4R techniques

OCT' 2015 – JAN' 2017

TRAINER

ARBTRIT ENGINEERING AND SOLUTIONS PVT LIMITED, INDIA

Trainer for Delhi Metro Rail Corporation Projects.

RESPONSIBILITIES:

- Coordinated and facilitated training programs across all Delhi Metro project sites in alignment with DMRC (Delhi Metro Rail Corporation) guidelines and requirements.
- Delivered Environmental, Health, and Safety (EHS) training sessions at various project locations, ensuring compliance with DMRC's mandatory safety protocols.
- Designed and conducted customized training modules on specific environmental and safety topics as per client-specific requirements.
- Managed the deployment and scheduling of trainers across different sites, ensuring timely and

// WORK EXPERIENCE

JAN' 2013 – OCT' 2015 EHS – ASSISTANT OFFICER

IVRCL LIMITED, INDIA

Projects: 1. NTPC Meja Thermal Power Plant – Uttar Pradesh – Main Plant & Offsite Civil Works Package for Meja Thermal Power Plant (2X660MW)

2. Udhampur – Srinagar – Baramulla Rail Link IRCON (Underground) - USB Railway Tunnel T-74R Project. {Dharam-Quazigund section is of survey and construction between Km 125 to Km 134 (Main Tunnel 8.6 Km & Escape Tunnel 7.4 Km) – Jammu & Kashmir

RESPONSIBILITIES:

- Conduct daily checks of noxious gas levels (O₂, CO₂, CO, H₂S, and combined gases), as well as noise and illumination levels in the working environment.
- Prepare the Environmental Management Plan (EMP).
- Coordinate with environmental monitoring agencies to conduct ambient air, noise, and wastewater analyses as per contractual requirements.
- Implement effective control measures for dust, noise, and wastewater generation from sedimentation tanks and construction sites.
- Apply procedures for reducing, reusing, and recycling across all environmental aspects.
- Prepare and implement emergency evacuation procedures.
- Conduct training and awareness programs on environmental topics.

I hereby declare that the information provided above is true and correct to the best of my knowledge and belief.

SHAHIN BHASHA SHAIK

Date: 27 December 2025