

MOHAMMAD ZAFAR ALAM

NVQ-6-UK | Cert-IOSH | IIRSM | ASSP | IMSI

CV For: | HSE MANAGER | HSE SPECIALIST | SR. LEVEL HSE ROLE

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👤 PROFILE SUMMARY

About Me

Senior EHS Leader with over 22 years of international experience across India, Saudi Arabia, UAE, and Qatar in diverse sectors such as oil & gas, petrochemicals, power & utilities, heavy engineering, high-rise buildings, and large-scale infrastructure. Known for successfully leading complex, high-risk projects and building strong safety cultures through the implementation of compliance-driven EHS systems.

Former Field Compliance Coordinator at Saudi Aramco and currently serving as **Senior Manager – EHS at NCC Ltd. on the prestigious Seabird Phase-2 Indian Naval Base Project**. Adept at aligning safety strategies with business goals, ensuring regulatory compliance, and managing stakeholder coordination on mega projects.

Academically accomplished with an M.A., Diploma in Mechanical Engineering, PG Diploma in Industrial Safety, and an NVQ Level 6 Diploma (UK), with ongoing Risk Management studies from Oxford Home Study Centre (UK). Professional member of Certi-OSH, IIRSM, and ASSP.

Driven by ethics, continuous improvement, and workforce development, I'm passionate about delivering EHS excellence and supporting organizations in achieving zero-incident performance.

🎓 EDUCATION

- ❖ **2002:** M.A. (Master of Arts) | (BSMEB.) | Patna INDIA.
- ❖ **1993:** B.A. Hons. | Bachelor of Arts | BSMEB | Patna INDIA
- ❖ **2006:** Diploma in Mechanical Engineering | JITI | JAMSHEDPUR INDIA
- ❖ **2003:** Diploma in Industrial Safety Management | JITI | JAMSHEDPUR INDIA
- ❖ **2019:** ProQual NVQ Level 6-Intl.Diploma Health and Safety | ofqual regulated | UK
- ❖ **2025:** Mastering Health and Safety Management (Pursuing) from Cambridge International Certification UK.

⚙️ NOTABLE ACCOMPLISHMENTS ACROSS THE CAREER

- ❖ Spearheaded the timely execution of high-value projects with budgets reaching up to approximately \$7 Billion, through the implementation of effective cost control strategies, precise estimation of site infrastructure needs, and disciplined budget management.
- ❖ Delivered comprehensive HSE training programs on Disciplinary Procedures, Heat Stress, Working Hours Compliance, Transportation Safety, Incident Investigation & Reporting, 'Just Culture', and Incident Analysis—resulting in a safe working environment free from Lost Time Incidents (LTI).
- ❖ Applied advanced Safety Behavior techniques and adopted a 'Challenge and Coach' approach with safety teams, contributing to a milestone achievement of Approximately 50 million LTI-free man-hours on a large-scale, complex infrastructure project.

🎯 JOB OBJECTIVE

Result-oriented professional targeting assignments in HSE Management with an organization of high repute in oil & Gas and Heavy Engineering, Construction & Infrastructure Industries. Seeking Challenging role to Drive Safety Excellence and Continuous Improvement in Leading Organization.

⚙️ CORE COMPETENCIES

Leadership and Team Developments.
Health, Environment & Safety (HSE) Management.
Compliance Audit.
Project Management.
Contractor Management.
Health and Well-Being Program.
HSE Campaign.
Communication and Stakeholder Engagement.
Incident Investigation and Analysis.
Strategic Planning.
Risk Assessment & Hazard Identification.
Heat Stress Management.
Regulatory Compliance.
HSE Training & Awareness.
Emergency Response & Planning.
Environmental Management.

⚙️ SOFT SKILLS

- 🎯 Leadership & Team Management.
- 🎯 Effective Communication.
- 🎯 Problem Solving & Decision Making.
- 🎯 Crisis Management.
- 🎯 Interpersonal Skills.
- 🎯 Adaptability & Flexibility.
- 🎯 Attention to Detail.
- 🎯 Training & Mentorship.
- 🎯 Analytical Thinking.
- 🎯 Cultural Awareness.

TECHNICAL SKILLS

Operating System: PC Literature | Expert command | MS-Office | BASIC

Tool: MS-Office (2000, 2003 & 2007, Internet, Power point, Excel)

PROFESSIONAL EXPERIENCE

January 2023 – June'2024 | Senior Manager EHS | NCC Ltd. | Karwar Karnataka | INDIA

❖ **Scope: – Project Seabird, Karwar, India**

Design and construction of a mega residential township, hospital augmentation, environmental park, road and trunk infrastructure, utilities, Scope included planning, design (with third-party reviews), construction, testing, and commissioning.

Major equipment included tower cranes, mobile cranes, batching plants, crushers, and heavy machinery-**Project Overview:**

A major Indian Naval infrastructure initiative spanning 11,000 acres, including a naval air station, bridge, and high-tech residential township. Estimated project value: \$3 billion.

Key Responsibilities and Achievements:

- ❖ **EHS Compliance:**
Implemented HSE Management Systems ensuring alignment with corporate and client standards.
- ❖ **Leadership:**
Independently led HSE planning and execution, aligning with overall project goals.
- ❖ **Safety & Risk Management:**
Conducted risk assessments, audits, and implemented controls to ensure a safe, incident-free environment.
- ❖ **HSE Program Oversight:**
Supported senior leadership in monitoring and improving the HSE program using KPIs and audits.
- ❖ **Compliance Control:**
Ensured adherence to statutory, corporate, and client HSE requirements.
- ❖ **Operational Safety:**
Managed mechanical operations with full HSE oversight and led incident investigations.
- ❖ **Incident Prevention:**
Achieved 99% safety compliance through regular training, toolbox talks, and awareness drives.
- ❖ **Training & Development:**
Delivered HSE training and fostered a proactive safety culture through mentoring.
- ❖ **Emergency Preparedness:**
Developed emergency response plans and conducted regular mock drills.

Jun'2015 – To 2nd Feb' 2022 | Division Field Compliance Coordinator (PMT) | Saudi Aramco (SMP) | Saudi Arabia KSA.

Key Responsibilities and Achievements

- 1. Project Support & HSE Compliance:**
Developed and implemented HSE compliance standards, including project support facility requirements. Created HSE policies and supported Project Engineers, PMT, and contractors in managing HSE activities. Provided expert advice to maintain regulatory compliance and ensure safe working environments.
- 2. Saudi Aramco Contractual Compliance:**
Ensured adherence to Saudi Aramco HSE requirements. Reviewed contractual documents, reported deviations, and aligned project HSE activities with Aramco standards. Incorporated safety measures into procurement and contracting processes.
- 3. Performance Monitoring & Improvement:**
Tracked contractor performance and identified improvement areas. Conducted safety programs, training sessions, toolbox talks, safety campaigns, mock drills (fire, oil spill, medical), and promoted continuous improvement in contractor HSE programs.

- 4. Hazard Identification & Risk Control:**
Performed hazard assessments, audits, and site inspections. Developed and evaluated control measures to mitigate risks. Analysed incident and loss data, recommending corrective actions to prevent recurrence.
- 5. Documentation & Reporting Systems:**
Managed EHS reports and records, including incident reports, PSI evaluations, inspection logs, and third-party calibration reports. Ensured accurate reporting and timely communication with top management.
- 6. Continuous Improvement Initiatives:**
Collaborated with contractor management to address site-specific HSE gaps. Introduced and implemented continuous improvement plans to enhance safety performance and culture.
- 7. Safety Culture & Communication:**
Engaged with contractor site teams to communicate HSE expectations. Conducted walkthroughs, inspections, and behaviour-based safety programs. Promoted safety through posters, slogans, signage, bulletins, and regular toolbox talks.
- 8. Review of HSE Documentation:**
Evaluated contractor HSE documents (CSSP, EMP, HIP, JSA, Emergency Plans, etc.). Provided feedback to ensure alignment with standards and secured approvals before work commenced.
- 9. Contractor HSE Personnel Selection:**
Interviewed and selected qualified safety personnel (Managers, Officers, Supervisors). Verified certifications and Aramco CSAR compliance for roles including male nurses and emergency responders.
- 10. Oversight of Contractor HSE:**
Monitored contractor performance against approved HSE plans. Ensured implementation of training, inspections, audits, campaigns, drills, and communication strategies to maintain compliance.
- 11. Project HSE Communication & Coordination:**
Facilitated effective communication between PMT and contractors through meetings, PSI inspections, site visits, and emails. Proactively identified and resolved HSE issues.
- 12. Safety Training & Motivation:**
Organized regular safety training and motivational campaigns. Maintained a strong safety focus through engagement and awareness activities.
- 13. Environmental Management:**
Identified and addressed environmental challenges on-site. Developed solutions to ensure environmentally sound practices and reduce project impact.

Aug'13 – May'15 | Lead HSE Engineer | Essar Engineers | Deputation by Kushal Engineering, Mulund Mumbai | India

May'12 – Apr'13 | HSE Supervisor | Samsung engineering | Saudi Arabia, KSA

May'11 – May'12 | HSE Manager | Shah Construction Comp. Ltd. | INDIA

Jan'11 – May'11 | HSE Engineer | CGC QATAR DOHA as HSE Engineer | Qatar

Mar'10 – Jan'11 | HSE Engineer | Barauni Oil & Refinery | IOCL Project | INDIA

Sep'08 – Feb'10 | Safety Engineer | Nash Engineering in Jebal Ali Free Zone (Dubai) | UAE

Nov'07 – Aug'08 | HSE Engineer | Mathura Oil Refinery | IOCL Project | INDIA

Sep'05 – Nov'07 | Safety Engineer | M.R Das & Company | INDIA

Oct'02 – May'05 | Asset Safety Engineer | Tara Pore & Company | INDIA



CERTIFICATIONS & COURSES

- ❖ Saudi Aramco Mandatory E-Learning Courses.
- ❖ ISO 45001:2018 Occupational health and Safety Management Systems from Alison
- ❖ ISO 14001:2015 Environmental Management Systems EMS from Alison
- ❖ I.M.S (ISO 9001, 14001 & 45001) Implementation
- ❖ COVID-19 Dealing with the Novel Corona-virus, from TUV Austria Asia
- ❖ HAZOP Study & Risk Analysis
- ❖ Hazard Recognition and Risk Assessment, from Alison
- ❖ ISO 45001:2018 OHSMS Lead Auditor, from RICl
- ❖ The COSHH Manager Certification™, from the international association of chemical safety (IACS) USA
- ❖ Hazard Assessment Process, from ABCS Safety Training Inc.
- ❖ Project Management from Harvard University
- ❖ Team Management from Harvard University
- ❖ Strategy Planning and Execution, from Harvard University
- ❖ Crisis management, from Harvard University
- ❖ Change Management, from Harvard University
- ❖ Time Management, from Harvard University
- ❖ Offshore Oil and Gas Safety-Patr-1-From OSHAcademy, USA. <https://oshatrain.org>
- ❖ Offshore Oil and Gas Safety-Part-2-From OSH Academy USA. Well Site <https://oshatrain.org>
- ❖ Preparation & Drilling Safety-From OSHAcademy USA. <https://oshatrain.org>
- ❖ Well Site Completion and Servicing Safety- From OSHAcademy USA. <https://oshatrain.org>
- ❖ NSC-OSHA Compliance, Construction Industry Health & Safety from, NSC, KSA. License ID #:OSC1709163.-Saudi Arabia
- ❖ Scaffolding Inspector Course, from, (Claymore) Security and Safety Consultants Jebel Ali Free Zone-UAE
- ❖ Fire Prevention and Fire Fighting Training from, (Fire Department, Trakhees Port, Customs & Free Zone Corporation-UAE)



PROFESSIONAL MEMBERSHIPS

- ❖ Cert-IOSH Graduate Member from IOSH (UK)
- ❖ MIIRSM Professional Member from (UK)
- ❖ ASSP Professionals Member Of American Society safety Professional (USA)



PROJECTS

Completed various projects:

- ❖ **SEABIRED-Phage-2** Indian Naval Base Project Karwar Karnataka India. (Township, Road, Bridge, Hospital Park & trunk infrastructure} India
- ❖ **SAUDI ARAMCO** Project-BI-10-0243- Upgrade & Replace Electrical Equipment of Uthmaniyah Southern region GOSPs-KSA
- ❖ **SAUDI ARAMCO** Project-BI-10-0865- Upgrade Power Transmission System SAOO, Southern region GOSPs-KSA
- ❖ **SAUDI ARAMCO** Project-BI-10-1305- Upgrade Control System- Southern region, Hawiyah GOSPs-KSA
- ❖ **SAUDI ARAMCO** Project-BI- 10-1522- Pressure Vessel Replaced of SOUTHERN AREA- GOSPs Southern. -KSA
- ❖ **INDIAN OIL CORPORATION LTD.**PROJECT-Audit and gap analysis of all IOCL Terminals, Control Systems & Fire Prevention systems.-India
- ❖ **INDIAN OIL CORPORATION LTD.**Mathura & Barauni Oil Refinery Pipeline Project. India.
- ❖ **SAUDI ARAMCO Project-** Waist CO-GEN & STEAM GENERATION PROJECT, Wasit-Gas Plant Khursaniyah-KSA
- ❖ **Qatar Petroleum** Project-Nakilat Development- Ras-Laffan industrial City Qatar.
- ❖ **ADNOC Project-** Petrofac & Alstom | Fabrication Heavy Steel Structure & Pressure Vessel, Piping- Dubai UAE
- ❖ **TATA Project-** Patel Building Constructions, Bistopur, (TATA), High Rice Building Project-INDIA
- ❖ **Tata iron & steel-** JSR- Tata housing Building Construction Project.-INDIA



PERSONAL DETAILS

Languages Known: English, Hindi, Urdu & Arabic

Address: Mohallah Doodh Katora Arrah, Bihar India.

Date of Birth: 2nd January 1975

Passport No.: C 2010779

Visa Status: Valid Saudi Arabia VISA (Transferable IQAMA)

Nationality: Indian

No. of Dependents: 4

Marital Status: Married

Driving License: Saudi Arabia License & Indian License