

CURRICULUM VITAE

Muhammad Irfan Munir (EHSS Professional)

Civil Engineer, Idip OH&S Level 6, NEBOSH IGC, PMPSC, ILO
FSM, IOSH, ISO 45001:2018, EHS Diploma, COSHH Manager,
OSHA48, A/I Investigation, IWCF, LOLER, UGM, PMP.

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Objectives:

Experienced HSE Professional with overall 9+ years of vast and diversified experience. Skilled at Developing and implementing health programs, making sure safety regulations are respected, Investigating the causes of accidents, training staff regarding safety matters, and advising on systems of work design and use. Proficient to execute safety programs for locations and minimize company safety losses. Specialized to drive behaviour preventing illnesses in work place by engaging management commitment. Proven history of successful execution in complex, multi-faceted, highly competitive environments. Looking forward to leveraging my strong creative thinking, hazard analysis, risk assessment, incident investigation, safety engineering, customer service, client relationship management, project management and Technical Supporter occupational health and collaboration skills to exceed organizational goals.

Skills & Core Competencies

Strategic Leadership HSE Management
Systems Client Relationship Management
Time Management Project Management
Safety Management Systems Task

Management Continuous Improvement
Hazard Waste Management Creative
Thinking Risk Management Environmental
Compliance Critical Thinking

Management System HSE Auditing Safety
Procedure Collaboration Root Cause
Analysis Safety [Compliance & Audits]
Conflict Resolution Technical Supporter
Occupational Health

Educational Background:

- Enrolled for Master (Level 7 OHS Diploma (RQF/Ofqual body))
- Idip Level 6 UK (Based Awarding Organization regulated by Ofqual)
- DAE Civil Engineering BTPE Islamabad Pakistan
- EHS Diploma Galway, Ireland (Alison)
- PMPSC Professional Membership of Pakistan Safety council

Computer Key Skills & Internal HSE Training

Microsoft office (all), Adobe

Several Programming (IN page, AutoCAD, 3D, Designing)

- Working at Height
- Confined Space
- Commissioning LOTO
- Fire Fighting
- Risk Assessment
- Permit To work (Construction & Commissioning)
- SCBA (Self-contained breathing apparatus)
- IRT- First Aid
- Emergency Response
- BBS Management
- Transport Safety
- Construction Safety
- Electrical Safety
- Chemical Safety
- First Aid & Fire Management
- Inspection of Scaffold

Knowledge about Codes and standards

Familiar with ISO, OSHAS, EHS UK, NEBOSH, NFPA, ASME, LOLER, RoSPA, GC Intl., BS EN, Local Codes for OHS

Certifications and roles

- IDIP Level 6 OH&S Management
- NEBOSH IGC- Credit
- PMPSC Professional
- ISO45001:2018 HSE Management System
- Diploma in Workplace Safety and Health-Alison
- IOSH Managing Safely UK V.5
- The COSHH Manager Certification- 18199776
- The COSHH Risk Assessor Certification- 18200802
- The COSHH Accident Reporting Awareness-18225673
- IWCF Level 1&2
- Incident-management-system Confirmation of Participation (1)
- Workplace EHS Diploma-Alison
- Project Management Diploma-1266-21201948
- Incident-management-system-tier2_Record of Achievement
- Spillage Response Awareness Training
- AOSH Fire Level 3 UK Award in Fire Safety Risk Assessment and Control
- AOSH Level 3 Award in First Aid at Work-UK
- Fire Fighting Certified from IPTS Bahrain
- UGM (Underground Mining Safety)
- Spillage Response Awareness Training- 18226073
- OSHA 48 hours
- 6th Month Computer Course from Al-Shifa Collage Kumar Mushani

Employment Record:

1. ORGANIZATION: China State Construction Engineering & Corporation/CSCEC (Group)-Current

Client (Representing): M/S Masdar UAE

EPC M/S DEC

Projects: 220 MW Solar Photo-Voltaic Power Project- Jizzakh Uzbekistan

Position: As "Snr. HSSE Manager" (June 10th 2024 till date) Full time

Work scope:

- Directed the development and implementation of the Health, Safety, Security, and Environmental (HSSE) management system tailored to the specific needs of the Solar PV Project, ensuring compliance with international standards (ISO 45001, ISO 14001) and local regulations.
- Conducted site-specific risk assessments and implemented robust safety controls for high-risk activities, including working at heights, electrical installations, and heavy equipment operations.
- Supervised and trained a multidisciplinary team of HSSE officers/Engineers/Supervisors, fostering a proactive safety culture across the project site and among subcontractors.
- Established and enforced safe work practices, including the preparation of Job Hazard Analyses (JHA) and Safe Work Method Statements (SWMS) for all critical activities.
- Regularly inspected the site for compliance with safety standards, environmental regulations, and project-specific HSSE requirements, addressing deficiencies promptly.
- Monitored waste management practices, ensuring proper handling, segregation, and disposal of hazardous and non-hazardous materials in compliance with environmental laws.
- Led the investigation of incidents and near-misses, conducted root cause analyses based on 5WHYs, Fishbone, TapRoot, Trees and implemented corrective and preventive actions to minimize recurrence.
- Designed and delivered targeted HSSE training programs, enhancing awareness and competency in solar PV-specific safety challenges such as glare management, electrical hazards, and fire prevention.
- Coordinated emergency response drills for fire, electrical emergencies, and other potential hazards, ensuring readiness and quick response capabilities.
- Acted as the primary liaison with clients, regulatory authorities, and stakeholders on all HSSE-related matters, ensuring transparency and alignment with project goals.
- Achieved significant milestones in safety performance, such as zero Lost Time Injuries (LTI) and substantial reductions in incident rates, contributing to the project's successful delivery.
- Working closely with the project international lenders and Local Authorities as well
- Training for the Commissioning team and ensuring their capacity for their specific task and high critical processes
- Managing overall project documentation from LNTF phase till operations/handling over phase

ORGANIZATION: China State Construction Engineering & Corporation (Group)

Client (Representing): M/S Masdar UAE

EPC M/S DEC

Projects: 220 MW Solar Photo-Voltaic Power Project- Samarqand

Position: As "Snr. HSSE Manager" (July 20th 2023 till 09th June 2024)-Was Part time

Work scope:

- Directed the development and implementation of the Health, Safety, Security, and Environmental (HSSE) management system tailored to the specific needs of the Solar PV Project, ensuring compliance with international standards (ISO 45001, ISO 14001) and local regulations.
- Conducted site-specific risk assessments and implemented robust safety controls for high-risk activities, including working at heights, electrical installations, and heavy equipment operations.
- Supervised and trained a multidisciplinary team of HSSE officers/Engineers/Supervisors, fostering a proactive safety culture across the project site and among subcontractors.
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- Training for the Commissioning team and ensuring their capacity for their specific task and high critical processes
- Managing overall project documentation from LNTF phase till operations/handling over phase

ORGANIZATION: China State Construction Engineering & Corporation (Group)- Full Time

Client (Representing): M/S ACWA POWER

EPC M/S China Energy/CEEC

Projects: Sirdarya 1500 MW CCGT Project Uzbekistan

Position: As "HSSE Manager" (November 2021 till 09th June 2024)

Work scope:

- Spearheaded the design and implementation of the Health, Safety, Security, and Environmental (HSSE) management system across large-scale infrastructure projects, ensuring alignment with both local and international standards (ISO 45001, ISO 14001, and OHSAS 18001).
- Led a cross-functional team of HSSE professionals, overseeing daily operations, performance tracking, and continuous improvement efforts in line with company safety culture and strategic goals.
- Managed the risk assessment process, identifying hazards and developing control measures for complex construction activities such as heavy lifting, confined space work, and excavation.
- Directed the development and execution of comprehensive safety plans, including emergency response protocols, site-specific hazard identification, and risk mitigation strategies.
- Acted as the primary interface with clients, regulatory bodies, and stakeholders, providing expert guidance and ensuring full compliance with safety regulations and industry best practices.
- Conducted periodic audits, site inspections, and safety walkthroughs to ensure ongoing compliance and identify potential areas for improvement.
- Led accident and incident investigations, preparing detailed reports, identifying root causes, and implementing corrective and preventive actions to avoid recurrence.
- Delivered HSSE training sessions and workshops to employees, contractors, and subcontractors, covering a wide range of topics including workplace safety, environmental regulations, and emergency procedures.
- Implemented and monitored environmental protection programs, ensuring compliance with local environmental regulations and corporate sustainability goals, including waste management, pollution control, and resource conservation.
- Introduced initiatives that significantly reduced the frequency and severity of workplace accidents, resulting in improved safety metrics and enhanced organizational safety culture.
- Managed emergency response teams and led drills for fire safety, evacuation procedures, and first aid, ensuring a highly prepared workforce.
- Managing High Risk Lifting operation and Commissioning processes as well

2. ORGANIZATION: Power Construction Corporation of China

Owner: ACWA Power

Engineer: SEPCOIII Electric & Power Company

EPC M/S SEPCOIII Electric & Power Company

Projects: Al-Dur Phase II Independent Water & Power Plant Project Bahrain

Position: As "Snr. EHS Engineer/Supervisor" (January 2018 to October 2021)

Work scope:

- Played a pivotal role in the establishment and execution of the EHS management system for large-scale construction and power projects, ensuring compliance with international standards such as ISO 45001 and ISO 14001.
- Provided strategic leadership and support to the EHS team, supervising the implementation of safety protocols and fostering a zero-incident workplace culture.
- Coordinated with project managers and client representatives to integrate EHS considerations into project planning and execution, meeting contractual and regulatory requirements.
- Conducted in-depth risk assessments and developed mitigation plans for high-risk activities, including lifting operations, working at heights, and confined spaces.
- Supervised and managed incident investigations, prepared comprehensive root cause analysis (RCA) reports, and implemented corrective and preventive actions (CAPA).
- Organized and led internal and external EHS audits, ensuring continuous improvement and compliance with legal, client, and company standards.
- Delivered advanced EHS training programs tailored to site-specific risks for employees, subcontractors, and management

personnel.

- Oversaw environmental compliance initiatives, including waste management, hazardous materials handling, and pollution control, achieving sustainability goals.
- Ensured the effective implementation of emergency response plans, including drills for fire, chemical spills, and natural disasters, enhancing overall site preparedness.
- Acted as the primary liaison between the company, clients, and regulatory authorities regarding EHS matters, ensuring seamless communication and compliance.
- Contributed to achieving significant safety milestones, such as millions of safe man-hours, by fostering a proactive safety culture and ensuring stakeholder engagement.
- Overall project documentation including client reports
- Audit of project subcontractors

3. ORGANIZATION: M/S United Arab Construction Company
Employer: ASDC
Engineer: IDOM
Position: As "Snr. EHS Engineer/AHOD" (January 2017 to December 2017)

Work scope:

- Led the development and implementation of comprehensive Environmental, Health, and Safety (EHS) management systems, ensuring alignment with international standards and local regulatory requirements.
- Supervised and mentored a team of EHS professionals, fostering a proactive safety culture across all project sites.
- Conducted detailed hazard identification and risk assessments (HIRA) for high-risk activities, implementing effective mitigation measures to minimize workplace incidents.
- Managed the preparation and submission of EHS reports, including incident investigations, audits, and performance metrics, for internal and external stakeholders.
- Conducted periodic safety audits, inspections, and compliance checks to ensure adherence to project-specific EHS standards and statutory requirements.
- Spearheaded emergency response planning and training, enhancing the preparedness and resilience of the workforce.
- Designed and delivered advanced EHS training modules for employees, subcontractors, and management teams, addressing project-specific risks and regulatory updates.
- Played a pivotal role in prequalification and tender processes by contributing to EHS documentation and presentations for client reviews.
- Monitored and managed environmental compliance, including waste management, air quality, and noise control, to meet project sustainability goals.
- Achieved significant improvements in safety performance by reducing incident rates and fostering open communication regarding workplace safety.

4. Client: M/S D.G Khan Cement Company Limited
Contractor: M/S Izhar Construction Company
Position: As "EHS Engineer" (2015-2017)

Work scope:

- Developed and implemented site-specific Environmental, Health, and Safety (EHS) plans in compliance with company policies and local regulations.
- Conducted hazard identification and risk assessments (HIRA) to mitigate workplace risks and ensure a safe working environment.
- Delivered comprehensive EHS training programs to employees, subcontractors, and other stakeholders, enhancing awareness and compliance.
- Regularly inspected construction sites to identify and rectify unsafe conditions, maintaining compliance with safety standards.
- Investigated accidents and incidents, prepared detailed reports, and implemented corrective and preventive actions (CAPA) to avoid recurrence.
- Monitored waste management practices, ensuring proper disposal methods aligned with environmental regulations.
- Coordinated emergency drills and updated response procedures to maintain readiness for potential workplace emergencies.
- Maintained EHS documentation and records, including permits, incident reports, and training logs, ensuring audit readiness.
- Collaborated with project management teams to integrate EHS considerations into project planning and execution.
- Achieved a reduction in workplace incidents by promoting a strong safety culture across all levels of the organization.

Proven Job Roles/Key Roles & Responsibilities

- **Promoting a Safety and Health Culture:** Ensure all necessary actions are taken to implement HS&E procedures, checklists, Safe Systems of Work (SSOW), inspection forms, and monitor HS&E performance within my area of responsibility.
- **Job Hazard Analysis (JHA) and Work Method Statements:** Review and create JHAs and Work Method Statements tailored to specific tasks and operations.
- **Staff Training:** Ensure all staff receive training in adherence to HS&E standards and procedures. Deliver HS&E training to ensure awareness of their obligations and roles towards Occupational Health & Safety (OH&S).
- **Regulatory Guidance:** Provide expertise and guidance on regulatory issues and matters to ensure compliance with relevant laws and standards.
- **Internal Coaching and Advising:** Act as an internal coach and advisor to Business Unit, project, and subcontractor employees on HS&E matters.
- **Documentation and Reporting:** Ensure accurate and up-to-date documentation and information related to HS&E issues and training are collected, reported, disseminated, and stored in project files.
- **Client Requirements Monitoring:** Monitor client Health, Safety, and Environment requirements and ensure compliance.
- **Legislation and Best Practices:** Keep abreast of HS&E legislation and best practices, leveraging this knowledge to enhance HS&E practices on projects.
- **HSE Motivation Programs:** Conduct HSE motivation programs to engage and inspire staff.
- **Subcontractor Safety Coordination:** Ensure subcontractors comply with OH&S systems and standards.
- **Training Management Plan:** Develop, implement, conduct, and monitor a comprehensive training management plan.
- **Site Visits and Inspections:** Conduct site visits, tours, and inspections to ensure adherence to project procedures.
- **HSE Audits and Documentation:** Conduct HSE audits and document findings as per ISO/OSHAS and internal OHS management systems.
- **Incident/Accident Investigation:** Investigate incidents and accidents using the Taproot CA and 5 WHYS concepts.
- **Risk Assessment and Management:** Conduct risk assessments and manage identified risks effectively.
- **Safety Meetings and Campaigns:** Organize and participate in safety-related meetings, conferences, webinars, and campaigns.
- **Toolbox Talks:** Monitor regular toolbox talks to ensure all operatives, including task men, are briefed on safety matters.
- **Project Safety Procedures:** Develop and review project safety procedures in line with the company's signed policy.
- **Method Statement and Risk Assessment Approval:** Review and approve Method Statements and Risk Assessments (MSRA) for operations.
- **Emergency Practices/Drills:** Plan and conduct emergency practices/drills to ensure compliance with emergency preparedness processes.
- **HSE Training Activities:** Arrange and participate in all site HSE training activities.
- **HSE Audit and Inspection:** Participate in HSE audit and inspection schemes within projects.
- **Client and Consultant Coordination:** Coordinate with clients and consultants on all EHS matters to bridge any gaps.
- **Permit to Work System Compliance:** Ensure 100% compliance with the Permit to Work System for all work activities.
- **OSHA/EPA Inspections:** Involvement in OSHA/EPA inspections and related follow-up.
- **ISO/HSEMP/Legal Compliance Audits:** Conduct audits based on ISO, HSEMP, and legal compliance to ensure a safe system of work.
- **Critical Lifting Operations Monitoring:** Closely monitor heavy, critical, or supercritical lifting operations to ensure all safety requirements are met.
- **Project HSE Plan Implementation:** Implement project HSE plans and procedures to maintain a safe system of work on-site.
- **HSE System Development:** Develop and communicate HSE systems to all contractors, and prepare and implement new safety inspection checklists as needed.
- **Project Security Leadership:** Manage leadership for project security and ensure the implementation of the Security Management Plan (SMP).
- **Environmental Management:** Oversee environmental management, ensuring adequate facilities are provided to site employees.
- **Clinical Management Coordination:** Coordinate with the clinical management team, reporting diseases, injuries, and incidents to relevant authorities.
- **Visitor and Vendor Safety:** Develop safety orientation and procedures for visitors and vendors, ensuring they comply with workplace standards and procedures.
- **Identification and Correction of Unsafe Practices:** Assist supervisory staff in identifying unsafe work practices and conditions, and take corrective measures.
- **Section-wise Inspections and Audits:** Conduct section-wise inspections and audits to measure safety performance, conformance to standards, and compliance with health and safety regulations. Prepare daily inspection reports and ensure corrective actions are implemented.
- **Permit to Work System Coordination:** Coordinate and monitor the Permit to Work system, including hot work and entry permits, especially in hazardous areas.
- **Regular Safety Inspections and Audits:** Carry out regular safety inspections and audits of sites and equipment to ensure compliance with company safety procedures and instructions.
- **Project EHS Reporting:** Prepare comprehensive Project EHS reports, including client management and headquarters reports.
- **Monthly Environmental Reports:** Prepare monthly environmental management reports, such as noise and dust monitoring.
- **Incident Response Team (IRT) Commander:** Act as an IRT Commander, trained for immediate action in emergencies.

Languages:

- English, Urdu, Arabic, Punjabi, Punjabi & Basic Uzbek

Personal Particulars:

- Father Name Awal Meer Khan
- Passport No CG0724602
- Driving license **Pakistan International**
- Nationality Pakistani
- Religion Islam
- Gender Male
- Marital Status Married
- Visa Status Valid Work Permit 1 year (E- Visa)

Declaration

I do hereby confirm that the information given in this curriculum vitae is true to the best of my knowledge and belief.

Date: 14.01.2025

Place : Jizzakh/Uzbekistan

References:

- References can be provided on request.