**NIYAS**

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**Bsc Chemistry, NEBOSH (UK), IOSH managing Safely(UK), Diploma In Fire & Safety, Approved HSE Coordinator**

**(ZADCO) & TRANSCO, ADEHS Practioner Card Holder**

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**Position Applied For:HSE Engineer /HSE Advisor/HSE Coordinator/HSE supervisor**

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| **Executive Summary** | I am a bachelor degree holder in Chemistry & a highly competent Technical HSE Engineer/Leader is having 10 years of experience in many different areas of the HSE( Technical Safety, Risk Management in Company Corporate level and Project execution) with excellent analytical and engineering skills, including personal expertise in Reviews, recommends, advises, participates, analyzes and conducts Technical Safety studies, drawings, Plans, procedures HSE Impact Assessments (HSEIA), QRA, FRA, Projects HSE Reviews (PHSER), Risk assessments, HAZOP Reviews ,HAZID,ENVID,OHID reviews for all green field and brown field projects/modifications carried out. Reviews and provides professional advice on design requirements for active and passive fire protection, F&G detection, safety and lifesavings systems guided by HSE Philosophies as well as Local and International Safety Design Codes/Standards. A proven track record in HSE management of global oil and gas projects from conception through to installation, construction, production and operations etc. at all levels. An accomplished and successful communicator, with varied and extensive experience, including facilitating HSE Reviews workshop and co-ordination, preparation and delivery of Client project HSE days. Worked with Multinational Oil & Gas Industries, Refineries and Onshore & Offshore Facilities. |
| **Abilities as**  **HSE Professional** | HSE **TRAINING & PRESENTATION:**  **Developed training Manual guidelines, including Matrix, prepare materials, made presentations.**  Comprehensive HSE Training Programs for workforce and employees. HSE awareness and practical live incidents video presentation for better understanding. Design of hazard related information and disseminate to the attendees. Development of Training materials, Manuals printed copies, booklets, communication in English. Coordinating and conducting HSE workshops for better understanding of HSE topics. Design and Training curriculum so as to get assistance in abating accidents and incidents. Communication of amendments in the safety manuals, ISO, OHSAS, EMS and emergency action plans and drills. Coordinating in imparting HSE Refresher Training to all concerned for awareness.  ****DEVELOPED, IMPLEMENTED, MONITORED HSE MANAGEMENT SYSTEM:  Establish policy, procedure standards in line with the international standards, industrial practices, implemented the system through meeting, training, demonstration, drill, etc. Monitor by inspection, site visits, audits, review, etc. and measure the performance using HSEMS, KPI, Statistics, Near miss reporting etc. and advised measures for continual improvement.  ****ACCIDENT REPORTING, INVESTIGATION REVIEW:  Perform the accident / incidentinvestigation, review, analysis causes using Fault Tree Analysis, Loss CausationModel, analyze trends, predict probabilities and advise in line with management.  ****HSE DELIVERABLES  Preparation and Review of main HSE deliverables like HSE plan, HSE philosophy,F&G detection philosophy, Environmental philosophy, Fire water demand calculation, Consequence modeling reports like Fire Safety Assessment , PHA and HAZOP procedures, PHA and HAZOP reports including close-out,HSE action tracking register, Risk register etc.  **CONDUCTING HAZOP/HAZID/QRA STUDY,PROJECT HSE REVIEW**  Participation and provided input to HAZID, HAZOP,PHSER and SIMOPS workshops; Project & Construction Risk Assessments; Plot Plan, Layout Safety, Safety Layouts, Constructability and Design Reviews etc.  ****CRISIS MANAGEMENT PLANNING & DRILLS:  Plans and set up crisis or emergency response plan, response drills, tabletopexercises, etc. and recommend improvements corrective measures.  **QUALITY** HSE AUDITING:  Participating HSE auditing (External/Internal) in line with the established HSE management system. This is also includes System Audit, Project Audit, Activity Audit, equipment etc.  ****PROMOTION & MOTIVATION OF HSE:  Developed & implemented the HSE promotion & Motivation scheme  ****HSE REQUIREMENTS IN CONTRACT:  Specify the HSE requirements during the tendering process, evaluation of the contract documents and contracts, monitor performanceduring the project execution, maintain records of the contractor’s performance for futureevaluation of the contracts etc.  ****HSE EVALUATION OF THE FACILITY & PERFORM RISK ASSESSMENT:  Coordinate with management to specify the HSE requirements of the Facility etc. and perform Risk Assessments etc.  ****ENVIRONMENTAL MANAGEMENT:  Implement and monitor EMS for the company, including EIA, establishing objective, targets, assessment of performance, audits, review in line with ISO 14001 guidelines.  ****FIRST AID:  Trained & Certified to administer First Aid, to the injured, perform basic training for the workforce. |

**PROFESSIONAL EXPERIENCE**

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| **Professional Experience**  Present: **From August 2013, Tecton Engineering & Construction LLC (UAE)**  **Professional Experience**  **August 2010 to August 2013 - QATALUM (Qatar Aluminum Industry, Doha) at Qatar**  **September 2009 to August 2010 Hindustan Insecticides Ltd. At cochin**  **January 2009 to August 2009 ONGC Offshore at Mumbai** | **Company : ZADCO (Zakum Development Company)**  **Project : EPC Works for Potable Water and Sewage Treatment Plant @ Zirku Island, Abu Dhabi-UAE**  **: EPC for Replacement of Four Potable Water Tank At ARZANAH Island**  **Designation : HSE Engineer**  **Duration : June 2014 - Till Date**   * **From August 2013 to June 2014**   **Client : TRANSCO**  **Consultant : ILF**  **Project : Al-Ain Water Distribution Network Pipeline from AARC to Zakher and al Maquam palace.**  **Roles & Responsibilities:**   * Coordination with JOB officer/PMC/Site HSE/Construction team. * Guiding to the site management for effective implementation of the approved project HSE Plan & Construction HSE Plan * Advise to site personnel of the requirements of legislation, guidelines, Code of Practice, standards, and Method statements relevant to the workplace from the HSE point of view in time to time. * **HSE** **Compliance:**  Ensures that project design incorporates and implements current Corporate and Company Standards, HSE Guidelines & Safety Regulations and fully compliant with Legislative requirements.   Ensures all safety activities, duties and responsibilities are incorporated in project HSE planning and that no conflicts arise which could prevent implantation of their Safety and / or HSE programs.  Ensures project’s Environmental Management Systems & performance are in compliance with ADNOC HSE Impact Assessment (HSEIA & EIA) Codes.  Monitors the projects Safety/HSE target schedules to ensure that they are being achieved effectively and efficiently in accordance with Corporate, Company & Project requirements.   * **HSE** **Plan :**   Ensures the project specific HSE Philosophy, HSE Plan (to include a safety program schedule), and Fire Protection Philosophy are implemented in accordance with ADNOC Codes.  Ensures project HSE Deliverables are complied in accordance with the requirements of the client (Appraisal / Select / FEED / Execute phase).  Implement the ZADCO permit system and Audit on PTW.Preparing/Organizing the CRA/JSA sessions.Organizing In-House HSE awareness training program to employees. Participation in incident & accident Investigation   * **HSE** **System Regulation :**   Initializes HSE Systems to meet Regulatory Requirements in respect of the project in respect of Weekly construction accident statistics and man-hours, Monthly safety returns, Near Miss Incidents (NMI), follow-up Reporting, Accident & HIPO NMI Reports and Management & close-out of Behavioural Safety Audits (BSA).   * **HSE** **culture :**   Makes visits site for meetings/inspections and to make sure all HSE expectations and HSE culture are implemented in onshore and offshore operations.   * **Cost Benefit Analysis & Budgeting:**   Reviews and comments on the Cost Benefit Analysis performed by the Contractor to evaluate risk reduction measures arising from formal safety studies and reviews e.g. HAZID, HAZOP, SIL, Model Reviews, PHSSER etc., particularly when the recommendations have a significant cost impact.  Prepare HSE aspects of procurement of equipment and services including preparation of requisitions, technical bid evaluation, vendor data review, scope development and management, problem solving .  Maintains and updates HSE budgets & schedule register of HSE Budget Management, Maintain schedule / list of PPE Stock and their maintenance,   * **Supervision of Subordinates :**   Guides, directs and supervises subordinates to ensure they work to their best potential and contribute effectively as a team. Works in line with HSE Policy, and ensure awareness and compliance of HSE rules and regulations by subordinates.  Provides technical support and gives work direction to less experienced people. Openly shares knowledge.  Ensure each employee has received the necessary and most appropriate training and training records are maintained   * **Analysis Reports:**   Preparing periodic and special reports, attending daily coordination meetings of the division.   * **Technology Enhancement :**   Assess and implement available technologies and services to improve HSE performance   * **Policies, Systems, Processes & Procedures**   To ensure that HSE operation procedures and method statements are in compliance with Company HSE and ADNOC for safe operation of the field. In particular, Safe System of Work procedure, Task Risk Assessment, HSE Reporting and actions tracking, HSE audit and inspection procedures, etc.  Implements relevant policies, procedures and systems to ensure effective management of HSE activities and to ensure that HSE Policy and Strategic Objective commitments are embedded into the Operations business line.  Creates List of required HSE policies & Procedures, Create list of HSE services to be contracted out, Create execution plan to address HSE resources, review of HSE Manual, practices & procedures and HSE support contracts to be audited.  Ensure effective communication of HSE documentation across the organization, including all internal and external stakeholders.   * **Continuous Improvement**   Stimulate subordinates and contribute to the identification of opportunities for continuous improvement of Operation Division systems, processes and practices taking into account ‘international best practice’, improvement of business processes, cost reduction and productivity improvement.   * **Safety, Health & Environment**   Ensure that Operation complies with all relevant safety, quality and  environmental management policies, procedures and controls across all  operations and support function and all projects, to guarantee employee safety,  legislative compliance, delivery of high quality products/service and a responsible  environmental attitude. Ensure that all in-country safety, regulatory and  environmental guidelines are followed.   * Plans Coordinates, manages and ensures implementation of all HSE aspects with the Project Management Team and client to achieve Project HSE Goals and Objectives in accordance with contractual HSE requirements. This includes ensuring that Engineering designs, drawings and project deliverables comply with CLIENT HSE rules / procedures, local and international standards and codes of practices. * Prepare and review scope of work for Engineering /EPC stage and/or HSE Consultants for all Technical Safety and Loss Prevention activities including HSE Plan, HSE /LP Philosophy, PHA, HSEIA, QRA, FRA, HSECES, Fire fighting systems, Fire detection Hazardous Area Classification and Process Safety Management. * Attend, participate and technically contribute in all HSE workshops and reviews including but limited to HAZOP,PHA(HAZID,ENVID,OHRA),Layout safety review, Project Risk Assessment, Contructibility ,PHSER,HSEIA presentation, SIMOPS. * Closely monitors the implementation of the HSE Plan for this Project. Responsible for revision and approval of Health, Safety and Environment related project technical deliverables, and for monitoring the implementation of this Project Health, Safety and Environment Action Tracking Registers. * Ensures that both Internal and External Project related Health, Safety and Environment Management System (HSEMS) Audits are conducted and that actions and recommendations are properly and effectively monitored. * Participates in pre-commissioning/ commissioning activities and in planning and conducting Emergency and Crisis Management Exercises. * Investigate all industrial and non-industrial incidents and accidents involving personnel, plant and equipment including dangerous occurrences. Analyze causes, determine future action to reduce these occurrences, prepare and maintain statistical records of all incidents, and near misses. Prepare the related periodic reports highlighting and analyzing problem areas and recommending preventive measures.   **Client : Qatar Aluminium (Qatalum), Qatar**  **Company Name : Kempe Engineering**  **Position : HSE Supervisor**  **Responsibilities:**   * The incumbent is responsible to provide service amp; advice on HSE in Projects and associated minimum Safety Standards. Provides management and specialist advice on the type of HSEMS for project implementation to demonstrate ALARP (As Low As Reasonably Practicable). And Keeps abreast of standards and developments in the specialized HSE fields to develop and maintain HSE standards, procedures and guidelines to enable Engineering and other Line Departments to manage HSE effectively. He advises on preparation of design and operational HSE Case implementation and identification of SCEs (Safety Critical Equipments) and performance standards- Resource to audits and other safety related audits - Technical Authority for deviation control. Become qualified in Process Safety Assessments and Technical Safety Reviews for other businesses, provide consistency of Process Safety Reviews across the various businesses, lead pre-startup Safety Reviews, provide coaching and guidance to the site personnel. The primary focus is on the application of technical/process safety tools to a wide range of issues ranging from new projects to modification and support of existing assets. Identification, assessment and documentation of HSE risk reduction and control strategies for significant hazards. Plan/Organize/Scribe /Lead (based on competence) HSE risk assessment workshops:, Quantitative Risk Assessments (QRAs). Applying applicable technical standards when conducting HSSE Risk Assessments and evaluating deviation requests Support development, modification and implementation of the same. Support incident investigations, provides advice and support for projects, participates in audits and conducts contractor HSE assessments and other activities to support the implementation of the HSEMS. Special Challenges The incumbent to provide advice and to influence projects in meeting standards and to demonstrate ALARP. Contribute to HSE Excellence and meeting Global Challenges- Achieving HSE Best in Class.Experiepampnce participating in teams that support implementation of process and operational safety requirements in Petroleum/Gas / Chemical industry assets Credibility with the line. Able to influence change. The ability to readily recognize most root causes of safety problems based on experience Effectively communicating and influencing site leadership to address safety gaps.. Support incident investigations, provides advice and support to projects, participates in audits and conducts contractor HSE assessments and other activities to support the implementation of the HSE Management system. Provide HSE induction training to the new employees. Implementing of the project HSE plan and company HSE policy.Prevention of injury to the personnel and damage to plant and equipment.Updating and maintaining of all plant and equipment test certificates as required.Prepare and maintain HSE records as per approved the HSE plan.Liaison with consultant, client, public and municipal authorities. Identify potential hazards and prepare control measures and briefing to the workers before commencement of work.Participation in joint workplace HSE inspections with the consultants.   **Project accomplished while working as Safety Supervisor**  **Company Name: Hindustan Insecticides Ltd**  **Project : Plant Maintenance**  **Designation : HSE Officer**   * Maintain and help control daily HSE practices through regular checks of work sites, ensure that hazards are identified, precautionary measures are implemented and relevant HSE advice provided. * Ensure that Health, Safety and Environmental programs and procedures are communicated to and regularly reinforced with site personnel. * Promote safe working systems and procedures and monitor the proper application of the "Permit to Work" system, and associated Job Safety Analysis, as well as other approved HSE and contractor related policies, plans, procedures and guidelines. * Review and provide comments regarding contractor developed HSE plans and procedures. * Coordinate and participate in the provision of HSE awareness in accordance with ISO 14001 and OHSAS 18001 specifications. Prepare programs and arrange participation training sessions in conjunction with line management. * Observe/audit contractor site safety inductions and training. Provide input to achieve continuous improvement. * Participate as member of construction site emergency response team, and provide first line advice to the designated Incident Controller and/or On Scene Commander concerning containment of emergency. * Participate all site HSE related incidents investigation, including near misses, to an appropriate level. Analyze immediate and root causes, determine future action to reduce these occurrences. * Promote, support and participate in HSE Observation Card (HSEOC) program. * Prepare and maintain statistical records of site HSE performance (e.g., work-hours, leading and lagging indicators, etc.) and communicate regularly with HSE Advisor . * Conduct frequent audits and inspections to ensure the effectiveness of HSE programs on critical operations/equipment and procedures at assigned location; present recommendations for improvement and follow-up their implementation.   **Client : ONGC Offshore**  **Company Name : SS Construction (Mumbai, India)**  **Designation : HSE Officer**  **Major Responsibilities** :  **HSE PROJECT EXECUTION:**   * Facilitating a wide range of hazard identification and risk assessment workshops (e.g. QRA and JSA). * **HSE Training:**   + Tailoring training modules to client’s need. * Preparation of training course material. * Delivering training sessions. * **HSE Audit:**   + Preparation/Editing of HSE audit checklist with reference to the client spec/ applicable standard and statutes.   + Participating HSE audits. * Preparation of draft and final report. * **Risk Assessment, Job Safety Analysis & Safe Work procedures:**   + Carrying out Risk assessment.   + Preparation of draft and final report. * **Third party Inspection:**   + Preparation of checklist with respect to safety related items.   + Inspection of items with reference to approved TP   + Preparation and submission of inspection reports. * **HSE Coordination:**   + Implimentation of client’s HSE Manual and other construction activity procedures.   + Review of implementation of principles of accident prevention at site.   + Evolve project safety plan and general coordination plan.   + Carry out job safety analysis (JSA)   + Conduct training for all site personnel.   + Visit the site regularly and carrying out safety inspections.   + Provide guidance to evolve and maintain safe management system.   + Provide guidance for statutory compliance * **Review of Safety Manual and Emergency management response:**   + Review whether all identifiable risks are addressed and evaluated.   + Evaluate the plant personnel awareness on emergency procedures.   + Observing mock drills to evaluate effectiveness of emergency response plan response procedure.   + Identification of areas of improvement. * **Criteria for Performance Evaluation (KPIs)**   HSE KPIs – safety performance at sites,, other defined deliverables   * Quality and effectiveness of internal HSE audits executed (completeness, correctness, * timing, documentation, etc.) |
| **June 2006 to January 2009 Cochin Shipyard Pvt.ltd at Cochin** | **Company Name : TEBMA**  **Organization : Cochin Shipyard Pvt.Ltd**  **Project : Ship Construction & Maintenance**  **Responsibilities**  Identify unsafe acts, unsafe conditions, and hazards, investigate root causes .Identify corrective & preventive actions and report to management. Implementing Project HSE Plans in all Areas. Ensure proper maintenance, calibration and operation of all safety equipment.Conducted Safety Training Programs to all Employees. Carry out inspections on a regular basis in association with supervision to ensure that safe working practices are in operation. Maintain all type of reports and update regularly. Preparation of Safety Statistics. Participation in ISO Audits .Preparation of Risk Assessment. Conduct Weekly Toolbox Talk. Conduct Mock Drills. Responsible to educate all personnel each to his concern in relation to safety aspects.Responsible to attend meetings safety talk and tool box meeting.Conduct weekly safety orientation in the job site to promote safety consciousness amongst employees.Emphasized for including safety procedures on the work.Interact with the company representative on health and safety issues.Report to senior management the unsafe conditions they are unable to resolve. Vehicle Inspection Safety Promotional Activities. Heat Stress Awareness. Reporting to Project Manager |
| **Education**  **&**  **Professional certification** | * **Degree of Bachelor Science CHEMISTRY (University of Kerala)** * **NEBOSH IGC ( UK )** * **IOSH ( UK )** * **Diploma in fire & safety engineering** ( Institute of Fire & Safety Engineering, cochin, Kerala ) * **Abu Dhabi OHS Practitioners course** * Approval from **ZADCO &TRANSCO** * **T-BOSIET** Offshore course (Falck System Services, Dubai) * **PTW Training(ZADCO)** * **JSA/Risk Assessment Workshop(ZADCO)** * **H2S A&E (ZADCO)** * **Confined Space (ZADCO)** * **Accident/Incident Investigation (ZADCO)** * **Manual Handling (ZADCO)** * **Advanced** **First Aid** Training Course (GTSC, Abu Dhabi) * **Basic fire fighting training course (GTSC, Abu Dhabi.)** |
| **Skills** | * Leadership quality. * Capable to handle any situation. * Hard working and result oriented. * Good communication and interpersonal skills. * Self motivated and quick learner. * Pleasing personality. * Able to adapt new challenges and to transfer knowledge. |
| **Work Contacts** | Frequent contacts with all employees up to Division/Managers level todiscuss various matters related HSE. Periodic contacts with senior levelrepresentative of Clients, and other companies to exchange informationand obtain cooperation. |
| **Interests** | * Internet * Reading * Sports |
| **Personal** | * Date of Birth : 11/05/1985 * Nationality : Indian * Marital Status : Married * Languages Known: Speak, Write and Read fluently in English, Hindi & Malayalam |
| **References** | Available upon request. |