

NIRAJ MISHRA

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Summary

8 years of multi-faceted experience in the areas of Occupational Health Safety & Environment. developed proficiency across a wide range of industries like Manufacturing Units, Oil & Gas, Nuclear Energy, Electrical Substation and Data Centre Projects. Led initiatives focused on HSE regulatory compliance; stakeholder management; policy.

Skills

- Environment Health & Safety
- Waste Management, Fatigue Management
- System Implementation of ISO 45001, ISO 14001, ISO 9001
- Emergency Response Plan
- HSE compliance monitoring for EHS
- Training and mentoring
- Project Management
- Process Risk
- Stakeholder relations
- JSA, HIRA, HAZOP, RCA, SOP's
- Life cycle assessment
- Environment Impact assessment
- HSE Plan, Monsoon Plan
- Waste Management Plan and Environment Plan
- Workplace Assessments, LMRA, PTW.
- Internal & External Audit's and Recertification

Accomplishments

- Successfully Implemented Integrated Management System (ISO-9001, ISO-14001 and ISO-45001)
- Successfully managed the compliance of Statutory, Legal and other requirements related to ISO-14001 and OHSAS-18001/ISO 45001.
- Conducted Environmental Aspect and Impact studies (EIA), Hazard Identification and Risk Assessment studies (HIRA)
- Carried out Accident Investigation and Reporting of accidents to find out Root Cause and suggest Preventive actions and Corrective Action Report.

Experience

Capchem Electricals Ltd | Navi Mumbai

Manager- HSEQ

August 2022 till date

- Lead and manage Capchem Electricals Ltd Site and Corporate HSEQ strategy including assessment and benchmarking of HSE performance.
- Coordinate the HSEQ reporting strategies to CMD.
- Single Point of Contact (SPOC) for specific Health Safety and Environment issues/questions.
- Handling a team size of 7(Safety officers & Safety supervisor)
- Implementing safety measures in Manufacturing Industry & Electrical Power Generation Plants and Electrical Power distribution substations. Electrical Safety Measures for 220kvA, 33kvA and 11 kvA power lines, distribution of transformers.
- Working with International entities like *Ever Yondr, Buckingham & Google* - for their Electrical Substation and Data Centre Project.
- Adhering Company's Mission and Vision of zero accident and no waste to landfills.
- System Implementation of ISO 19001, ISO 14001 and ISO 45001.
- Updating of HSE SOP and implementing it in Process.

- MIS Reporting- Weekly, Monthly and Quarterly HSE Statistics, Environmental Monitoring, Monthly Mock drill Reports, Action Tracking Records, Corrective Action Reports for Near Miss and Accidents, MSDS Assessment & Equipment Condition Report.
- Controlling Different process through Last Minute Risk Assessment, Workplace Assessment, TBT assessment And PTW Assessment.
- External audit as per ISO 9001, ISO 14001 and ISO 45001 for recertification.
- Developed and Enhanced Health and Safety Policy and Manual for the Organization.
- Developed Occupational Health and Safety Handbook for the Organization considering ISO 45001 & ISO 14001.
- Developed Environmental Plan, Waste Management Plan, Monsoon Plan, Fatigue Management Plan, Environmental Aspects & Impacts. Environmental Contingency & Mitigation.
- Electrical Safety Measures for 220kvA, 33kvA and 11 kvA power lines, distribution of transformers.
- Conducting Internal Audit on weekly basis to check the HSE Process Performance.
- Implementing HAZCOM & HAZOP for Plants, Machineries, Process and Operation.
- Client and Joint Internal Audits at Worksite.
- Preparing JSA and HIRA as per Job Task, Individual, Load, Environment and Ergonomics, Training Matrix.
- Conducted various trainings on EHS like Awareness of systems, EHS Legal compliances, etc.
- Implementing COSHH, MSDS Assessment and Documentation for hazardous chemicals and consumables.
- Organizing Monthly HSE Meetings.
- Conducting Annual Medical Health Campaign for all employees.
- Organizing Training as per Training Matrix for staff, Engineers, Technicians and Workers on Fire Prevention, Safe use of Handheld Tools and Equipment's, Safe use of Chemical's,
- Work at Height, Electrical Equipment's, Behavioral Safety, Lifting Tools and Machines, Confined Space, WRULD and Ergonomics Repair and Maintenance work.
- Organizing Safety Campaign's and Raising the Bar monthly.
- Implementing STOP Card process to identify unsafe work activities.
- Assisting Supervisors and Foreman for arrangements of Storage area and Rooms for hazardous chemicals and Gas as per Safety guidelines.
- Scheduling Housekeeping programs.

Core Energy Systems Pvt Ltd
Sr. HSEQ Officer
 03/2020 - 08/2023

- Responsible for undertaking all HSE aspects related to the Project Execution and Manufacturing Unit Operation.
- Implementing safety measures in *Manufacturing Industry, Oil and Gas Industry, Nuclear Power Generation Plants and Electrical Power distribution substations.*
- Worked with Government entities like *NPCIL, BARC, Madhya Pradesh Power Plant, GACL, GAIL, HPCL, RIL and ONGC*
- Single point of contact for ISO External Audit.
- Handled a team size of 5 (Safety Supervisor)
- System Implementation of IMS manual in the organization.
- Updating of HSE SOP and implementing it in Process.

- MIS Reporting- HSE Statistics, Weekly HSE Reports of Corporate, Manufacturing and Sites.
- Developed and controlled different process through Process Risk Assessment Register.
- Developed Contingency and Mitigation Register as per ISO 14001
- Recertification of ISO 9001, ISO 14001 and ISO 45001.
- Enhanced Health and Safety Policy and Manual for the Organization.
- Weekly HSE Meetings and Training for staff, Engineers, Technicians and Workers on Fire Prevention, Safe use of Handheld Tools and Equipment's, Safe use of Chemical's, Work at Height, Electrical Equipment's, Behavioral Safety, Lifting Tools and Machines, Confined Space, Repair and Maintenance work.
- Legal requirements - Conducting six monthly inspections for DG Stack monitoring, Water Portability Test, E waste disposal and return
- Fire Hydrants, Smoke Detectors, Emergency Alarms Preventive maintenance and device condition checklist assessment monthly and annually.
- Conducting Toolbox Meeting with Engineers, Supervisors, Technicians and workers as per SOP and Risk Assessment of the job work.
- Arrangements of Storage area and Rooms for hazardous chemicals and Gas as per Safety guidelines.
- Conducting Annual Medical Health Campaign for all employees.
- Lifting appliances and Lifting Operations monitored and used as per JSA and standard Operating Procedure.
- SWL calculation and Work Permission for Scaffolding and Ladders.
- Mobile Crane, Forklifts, Hoist, Lifts, Excavators Preventions and Controls.
- Implementing controls on emergency escape routes.
- Hazard identification, Root cause analysis of high-risk activities, equipment's and consumables used at work site.
- Risk assessment of Fire application device like sprinklers, smoke detectors, and implementing its Control measures.
- Vehicle Transport Prevention program and Precautions like monthly vehicle checklist, Training on safe usage of vehicle to avoid accidents and incidents during work.
- Applying Engineering and Administrative Controls to reduce health hazards and injury.
- Implementing Safe System of Work for all dangerous occurrence and activities to reduce workplace hazards and impacts.
- Implemented Occupational Control Procedures for all high-risk activities like Hot work, Electrical work, Confined Space, work at height, maintenance work, Repairs.
- Inspection of Electrical equipment's, Machines and Handheld Tools to ensure safety ergonomics and work-related upper limb disorders.
- Ensured shift Rotation for all high-risk activities at site.
- Arrangement of Welfare and First Aid Facilities

Tubestar Oil and Gas | Navi Mumbai
QHSE Officer
 07/2019 - 11/2019

- Responsible for end-to-end communication and content management for HSE, QMS, 5S and KAIZEN.
- Handled a team size of 4 (HSE Officer)
- Reviewed and updated the Audit Checklist – QHSE and 5S
- Conducted internal , Site as well as vendor audits for HSE, QMS and 5S
- Responsible to drive training sessions on HSE and 5S Systems

- Coordinated with key stakeholders for corrective actions on all the System NC's and customer
- Maintained Robust Tracking of all the routine legal requirements.
- Point of contact to track and drive closure of customer complaints.
- Hazard identification, Root cause analysis of high-risk activities, equipment's used at work site.
- NDT testing and inspection. (MPT, LPT, UT, Holiday Testing and Load Testing etc.)
- External audit as per ISO 14001 and ISO 45001
- Preparing reports for MIS reporting of HSE statistics, Quality Objectives, Monthly QHSE Reports and Corrective Action Reports for Near Miss and Accidents, MSDS Assessment, Equipment Condition Checklist and MDS assessment documents.
- Vendor Registration Assessment Forms w.r.t HSE.
- MSDS Assessment and Documentation for hazardous chemicals and consumables.
- Ensuring Material arrangement and stacking are done as per HSE standard.
- Lifting appliances and Lifting Operations monitored and used as per JSA and standard Operating Procedure.
- Mobile Crane, Forklifts, Hoist, Lifts, Excavators Preventions and Controls

RR Plast Extrusions Pvt Ltd | Pune
Safety Engineer
 10/2017 - 07/2019

- Developed training material on – HSE, & 5S Systems
- Daily Safety Walk (DSW) along with safety committee members and fix the immediate issues.
- Identified unsafe acts and unsafe conditions and got corrective measures in place to eliminate risk.
- Performed Job Safety Analysis and Risk Assessment
- Maintained Statistical data of HSE.
- Conducting Toolbox Meeting with Engineers, Supervisors, Technicians and workers as per SOP and Risk Assessment of the job work
- Conducting Monthly HSE Meeting with Workmen Committee Members and Top Management.
- Weekly HSE Meetings and Training for staff, Engineers, Technicians, foreman and workers.
- Conducting Annual Fire Mock Drill.
- Arranging External Trainings for Employees and Workers on First Aid and Disaster Management.
- Conducting Fire Hydrants, Smoke Detectors, Emergency Alarms Preventive maintenance and device condition checklist assessment monthly and annually.
- Annual and Monthly Machineries' Plant/PPE's preventive maintenance and equipment condition checklist assessment and documentation.
- Risk assessment of Fire application device like sprinklers, smoke detectors, water pumps of hydrant system and implementing its Control measures.
- Arrangement of Welfare and First Aid Facilities.
- Monthly Safety Reporting to the Operational Manager.
- Waste Management as per MPCB Guidelines.

Swastik Packaging | Delhi
Safety Supervisor
 06/2015 - 08/2017

- Daily Workplace Inspection of the Workplace.
- Conducting Tool-Box Meeting.
- Issue Of Permit To work systems For Hot Work, Lifting Activities, Loading and Unloading.

- Inspection Of Fire Extinguisher, Fire Alarms.
- Applying Engineering and Administrative Controls to reduce health hazards and injury.
- Implementing Safe System of Work for all dangerous occurrence and activities to reduce workplace hazards and impacts.
- Implemented Control Measures for all high-risk activities like Hot work, Electrical work, Confined Space, work at height, maintenance work, Repairs.
- Inspection of Electrical equipment's, Machines and Handheld Tools to ensure safety ergonomics and work-related upper limb disorders.

Education

- *Diploma in Electronics & Telecommunication (MSBTE) 2010*
 - *Advance Diploma in Industrial Safety (MSBTE) 2016*
 - *Nebosh IGC 2019*
 - *IOSH 2019*
 - *HABC & First Aid*
 - *ISO Internal Auditor (ISO 9001, ISO 14001 & ISO 45001)*
 - *B Tech in Electronics and Telecommunication (A.U) 2021*
 - *Pursuing Nebosh Diploma*
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