

Sooraj Pandaraparambil Sundaresan

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Safety Engineer / Manager

Executive Summary

- Qualified health & safety management professional with nearly 11 years of experience in managing safety operations, conducting safety audits, organizing training and development sessions in diverse roles across the organizational hierarchy.
- Demonstrated expertise in defining risk management framework, hazard and effects management processes, conducting HSE audits and management reviews amongst others.
- Proven ability in defining safety engineering performance parameters and implementing various process improvement initiatives in compliance to organizational policies and other statutory regulations.
- Skilled in implementing occupational health and safety management plans, conduct safety inspections / audits, occupational health surveys, surveillance and field audits.
- Adept at coordinating emergency response capabilities and organizing training sessions for emergency response duty members based on organizational safety parameters.
- Motivational leader and mentor of multicultural and cross-functional teams with team management skills, adapting with agility to new environments; exploring challenging senior managerial assignments with a professionally managed organization.

Key Skills

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|------------------------------------|-----------------------------|--------------------------|
| ✦ Risk Identification & Mitigation | ✦ Safety Engineering | ✦ Statistical Analysis |
| ✦ Process safety Techniques | ✦ Accident Prevention | ✦ Hazard Management |
| ✦ Disaster Control | ✦ Safety Management Systems | ✦ Health Management |
| ✦ Safety Training & Compliance | ✦ Health Risk Assessment | ✦ Infrastructure Set Up |
| ✦ Performance Evaluation | ✦ Liaison & Coordination | ✦ Emergency Response |
| ✦ Environmental Conservation | ✦ Team Leadership | ✦ Continuous improvement |

Professional Experience

Safety Inspector (Mar 2014 Onwards)
Saudi Railway Company, Kingdom of Saudi Arabia

Highlights:

- Active participation in Safety internal auditing in Rollin Stock Maintenance - workshop PPE'S & Safety regulation and policies as per company standard.
- Participating with operation and Rolling stock workshop maintenance team for maintaining safe working hours at site with no major accident or injury.

Key Responsibilities:

- Conduct visits to business and industrial premises for evaluating processes and procedures and implementing effective health and safety practices aligned to organizational safety standards.
- Assess site safety briefs and Proceed Authority issued by Operational Control Center for maintaining seamless operations in compliance to various statutory regulations.
- Evaluate and align safety policies and practices to statutory and company requirements. Conduct cross checks on Track Work Authority and Track Occupancy Authority.
- Draft and present HAZID Register and hazard identification forms to identify potential hazards in the work place to be highlighted to the top management in monthly HSE meetings.
- Analyze risks related to various work activities at the work place to eliminate / control the risk to a minimum level by implementing effective remedial measures.

- Involved in inspection of secondary protections and signage; evaluating competency of Personal Track Safety and Protection Officer based on organizational parameters.
- Ensure fitness of railway equipment, visual inspection, and emergency equipment in place, personal track safety qualification of employee and operator, as well as assessment of Train Loading Out area.
- Render consultancy on workshop area safety & practice to the employees for implementing the same in day to day business transactions.
- Participate in safety audits as well as detailed "Accident Investigations" based on business and operational requirements for implementing effective accident prevention policies.
- Manage administrative aspects related to facilitating suitable protective equipment, initiating precautions to prevent industrial diseases and evaluating procedures for working in hazardous environments or with potentially harmful substances
- Implement changes to health and safety to businesses and organizations based on new legislation and health and safety standards.
- Organize induction training for new joiners & HSE training on various work related subjects at site to ensure parity in terms of product and process knowledge amongst the workforce.
- Prepare and present various status reports on results of inspections, investigations and completing detailed paperwork for the senior management and other stakeholders to enable effective decision making.

Junior Safety Manager (Nov 2013 – Mar 2014)
AFCONS – Chennai Metro Project, Chennai, India

Highlights:

- Successfully maintained good audit results from client for maintaining adequate safety compliance at site leading to incident / accident free underground station construction and tunnel breakthrough.

Key Responsibilities:

- Partnered with C.M.R.L Safety Team for conducting monthly safety audits at site encompassing safety compliance related to underground station civil work, tunnel safety as well as health and hygiene of the employees.
- Conducted noise and air pollution test at regular intervals and within permissible limits including examinations of machinery, working environments and structures.
- Updated records of noise, heat and vibrations in compliance to organizational policies and other statutory regulations.
- Followed up with line manager for conducting daily toolbox talks with the employees as well as maintaining practice of PTW for all work activities at site.
- Performed site inspections and conducted checks on firefighting equipment and ensured adequate illumination of fire escape route at site.
- Managed secondary fall protection by guiding employees in availing personal protective equipment. Set up and maintained emergency evacuation procedures, fire escape plan and route at site.
- Ensured availability of medical aid with experienced practitioner and emergency vehicle at site based on organizational safety parameters.

HSE Officer – Chennai Metro Project (Sept 2011 – Nov 2013)
HSE Officer – Kondapalli Power Plant Project (Jun 2010 – Sept 2011)
Junior HSE Officer – Highrise Building Construction Project, Hyderabad (Oct 2007 – Jun 2010)
Lanco Infratech Ltd, Chennai, India

Highlights:

- Acknowledged for efficient launch of girder for elevated metro construction as well as for safe completion of pier constructions.

Key Responsibilities:

- Rendered consultancy to on-board members pertaining to safety operations including planning, evaluating and troubleshooting critical issues.
- Generated awareness amongst team members on safety observation process for identifying hazards, unsafe conditions and acts.
- Assessed hazards, accidents and injuries for developing and implementing preventive or remedial measures. Participated in pre task safety meetings for consistently maintaining safety conditions in day to day business operations.
- Followed up with the traffic marshal for road transportation of segments and other materials. * Checked PTW for all work activities at site.
- Ensured compliance to safety parameters pertaining to erection work of segments for viaduct, pier, cut & cover area excavation and civil work activities.

- Conducted accident investigations followed by drafting / presenting accident investigation reports for the senior management to enable effective decision making.
- Implemented / aligned safe work practices / safe working conditions in compliance to state, federal, local regulations and owner / contractual requirements.
- Generated awareness on organizational safety parameters and other statutory regulations for implementing the same in day to day business transactions.



Education

- **BA (Economics)**, MG University – India, Kerala (April 2005)

PROFESSIONAL DEVELOPMENT:

Certifications:

- N.E.B.O.S.H – International General Certification in Occupational Safety & Health (UK), National Examination Board in Occupational Safety and Health (UK), March 2014.
- OSHA (30 Hours) in Construction Safety Standards & OSHA (30 Hours) in General Industry Safety Standards, Occupational Safety and Health Administration (US), September 2010.
- Diploma in Fire & Safety Engineering, National Institute of Fire and Safety (NIFE Cochin), October 2007.
- P G Diploma in Computer Application, October 2003.

Training courses and workshops:

- First Aid & CPR Training from FSTC, Saudi Arabia, Jan 2018
- Safety in dealing with Chemicals, IISM, India, September 2010
- Environmental Protection and Waste Management, IISM, India, September 2010
- Accident Investigation and Reporting, IISM, India, September 2010



Personal Details

- Nationality: Indian
- Date of Birth: 08 March 1985
- Marital Status: Married
- Hobbies and Interests: Painting & playing caroms.
- Languages: English, Hindi, Malayalam, Tamil and Telugu
- Passport validity till –22/05/2026