

# Sachin Ramachandran

## Professional Summary

- Over 6 years of experience in Operational OHS & Project Management
- Strong knowledge of environmental management system concepts and techniques to assist with the development & implementation of compliant environmental management systems
- Proven experience in advising and assisting personnel on health & safety management for all field activities performed
- Expertise in inspecting workplaces for safety hazards, recommending policies, and ensuring compliance with HSE Management System standards
- Experienced in conducting risk assessment, ensuring statutory requirement compliance & organising safety promotional activities
- Extensive experience in collection, treatment and disposal of industrial wastewater, effluents and hazardous liquid & solid wastes
- Excellent interpersonal, presentation & training skills with proven ability to interact effectively with technicians and management at all levels.

## Hard Skills

- Occupational Health & Safety (OHS) Compliance
- Risk Assessment & Hazard Mitigation
- Safety Training & Emergency Preparedness
- Environmental Health & Safety (EH&S) Audit
- Incident Investigation & Root Cause Analysis
- Regulatory Compliance (OSHA, NEBOSH, WHS)
- Fire Prevention & Workplace Inspections
- Construction & Industrial Safety
- Team Leadership & Training
- Project Safety Management
- Statutory compliance

## Soft Skills

- Communication
- Problem-Solving
- Attention to Detail
- Team Collaboration
- Critical Thinking
- Time Management
- Adaptability
- Conflict Resolution
- Leadership
- Interpersonal Skills

## Professional Experience

### HSE Engineer – Drilling & Production,KGB Offshore Installation *Hindustan Oil Exploration Company, Chennai, India |*

*Jan 2021 – Feb 2025*

- Conducted **safety audits, risk assessments, and compliance inspections** at offshore installations.
- Developed and implemented **Health, Safety, and Environmental (HSE) policies** to align with federal and state regulations.
- Led **safety training programs** for employees and contractors, reducing incident rates by **30%**.
- Organised **periodic inspection and maintenance** of **fire fighting system** at the cooperate head office.
- Developed **HSE budgets** for operation sites, managing costs **totalling hundreds of thousands**.
- Monitored personnel and work environments to identify **potential hazards** and ensure regulatory compliance.
- Conducted **incident investigations** and provided reports with **corrective action plans**.
- Assisted in preparing compliance documents for Indian Federal agencies like **MOEF (Ministry of Environment and Forests), OISD (Offshore Industrial Safety Directorate of India)** and **State Pollution Control Boards**.

**Mechanical Engineer – Piping & Welding Operations**  
**Heavy Engineering Industrial Company (HEISCO), Kuwait |**  
*Jun 2019 – Mar 2020*

- Supervised **pipeline installations, hydrotesting, and corrosion control** to maintain safety standards.
- Ensured **compliance with workplace safety regulations** and conducted **on-site safety briefings**.
- Coordinated workforce assignments, overseeing **welding and pipeline integrity checks**.
- Gathered **understanding of pipeline isometrics** and **supervised installation** and maintenance of pipelines
- Facilitated necessary modification to piping isometrics** by consultants and acted as a liaison between pipe-laying technicians and the operations team

**Mechanical Engineer – Safety & Compliance**  
**ALGHANIM International, Kuwait |**  
*Sep 2015 – Jan 2017*

- Managed safety protocols for **power station projects**, including **fire safety and hazard analysis**.
- Conducted **worksite safety inspections** and ensured **regulatory compliance** with local labor laws.
- Trained workers on **safe work practices** and developed emergency **Permit-to-Work** procedures.

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## **Internship & Apprenticeship**

**Internship**  
**Hyundai Engineering and Construction**  
*7-days (Dec 2013)*

**Supported staff members** in their daily tasks, reducing workload burden and allowing for increased focus on higher-priority assignments.  
Gained valuable experience working in **Pipeline Stringing, Welding, Pipe Lowering to Trenches and Tie in Welding**, applying learned concepts directly into relevant work situations.

**Industrial Trainee**  
**ONGC (Oil and Natural Gas Corporation) India**  
*27-days (03.03.2014 to 30.03.2014)*

Completed final year project work on Wax deposition in pipelines and Removal techniques in Cauvery Asset, Karaikal, Tamil Nadu, India  
**Worked closely with industrial professionals** to expand upon acquired training with practical knowledge.  
**Supported team** in industrial work completion, gaining experience in cross-functional positions and processes.

**Plant Industrial Trainee Engineer**  
**Mohamed Al Houti General Trading and Contracting (Kuwait)**  
*9-months (Jul 2014 – Mar 2015)*

**Prevented costly equipment breakdowns** by performing regular preventive maintenance checks according to established schedules.  
**Supported the implementation of new equipment installations**, including machinery setup, calibration, and operator training.

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## **Education**

•**Postgraduate Diploma in Work Health and Safety (WHS)**  
*University of Wollongong, NSW, Australia.*  
*February 2017- December 2018*

•**Bachelor of Engineering (Petroleum & Offshore Technology)**  
*AMET University, Chennai, India June 2010 - May 2014*

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## Certification

- NEBOSH** International General Certificate in Occupational Health & Safety
  - Personal safety and social responsibility**
  - Elementary first aid**
  - Fire prevention and fire fighting**
  - Personal survival techniques**
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## IT & Technical skills

- Safety Management Systems (SMS)
  - Incident Reporting Software
  - Microsoft Office Suite (Word, Excel, PowerPoint)
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## Languages

- English:** Full Professional
  - Malayalam:** Native
  - Hindi:** Full Professional
  - Tamil:** Full Professional
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## English Proficiency

- Pearson Test of English Academic score** – Overall score 90  
Reading – 88, Writing – 90, Speaking – 90, Listening – 89
  - IELTS Score** – Overall Band Score – 8.0, CEFR Level – C1  
Reading – 9, Speaking – 8, Listening – 8, Writing – 7
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## Strengths

Communication skills  
Knowledgeable  
Attention to details  
Problem solving