

A background image showing industrial machinery, possibly a ship's engine room, with a yellow banner overlaid at the top. The machinery includes large metal components and a steering wheel.

Raj Kishore Ojha

INDUSTRIAL SAFETY MANAGEMENT



Contents of Book on INDUSTRIAL SAFETY MANAGEMENT

1. Guiding Principles of Safety
2. Definition of Safety Terms
3. Safety Movement in India
4. Safety-Responsibility of Line Managers
5. Roles and responsibilities of Safety officers
6. Changing Concepts of Safety and Safety Management
7. Cost of Accidents
8. Safety Management System - A New Concept
9. Safety Information System
10. Hazards and Risk Management
11. Safety Audit
12. Job Safety - Analysis
13. HAZOP (Hazard and operability studies)
14. Productivity improvement through safe working practices-A case study
15. Safety Communication
16. How to present safety ideas ?
17. Barriers to Communication
18. Communication Errors
19. Advantage of Listening
20. Violation of shutdown procedures and accident cases
21. Safety obligations in contracts
22. Safety Motivation
23. Motivation of fire service personnel
24. Safety in Project Management
25. Working at Height
26. Safety and good house-keeping
27. Gases in Steel Plant - I
28. Gases in Steel Plant - II
29. Ergonomics
30. Personal Protective Equipment
31. Stress Management
32. Safety Strategies and Action Plan
33. Basic Questions
34. Industrial Hazards and Safety Measures
35. Safety against Pressure hazards
36. Vibration and Noise hazard
37. Electrical Hazard and Safety Measures
38. Home Safety
39. Training for safe working and Enforcement
40. Self Management at Work place
41. On-site Emergency Plan
42. Regulatory Mechanism
43. Industrial Safety Management at a glance

ABOUT THE AUTHOR



Mr. Raj Kishore Ojha is General Manager (Services) in Neelachal Ispat Nigam Limited, Duburi (Orissa), India. He has over 34 years specialised working experience in Steel Authority of India (SAIL). He holds 15 years experience in Safety Engineering Department, 11 years in Township Construction, 1 year in Instrumentation in Thermal Power Plant while 7 years in Electrical Testing and Commissioning of HT/ LT drives, Installations. Mr. Ojha has also been Safety Auditor for NSCA Safety Management System in various SAIL unit i.e. Bokaro Steel Plant, Bhilai Steel Plant, Bhadrawati Steel Plant, Roukela Steel Plant and Durgapur Steel Plant in addition to being co-ordinator for all activities i.e. Inspection, Investigations, Audit, Awareness Workshops & Training Programs etc.

Born in December 1947, Mr. Ojha is B.Sc. in Engineering from Bihar Institute of Technology, Sindri, Bihar, India.

An intellectual, Mr. Ojha has authored 10 literary books published by reputed publication houses of India. He has also authored 3 books on Safety Management System and on various Management topics including 200 essays on topics related to Safety Modules & Training Packages. All his works are recognized by the industry.

Mr. Ojha is also Secretary Bharati Sahitya Parisad, Promoter and Ex. Vice President of Vihangamyoga, India.

Mr. Ojha believes, success is achieved with sublime qualities, sustained efforts, right approach and human values combined with teamwork.