



Course Code

20-11AB17-5

Risk Assessment and Accident Investigation (RAAI)

Course Overview

Through systematic risk assessment techniques, the participants will uncover and identify significant hazards and learn to take cost-effective measures to threat and minimize their risks pro-actively before any losses occur.

The IEMS Creative Training involves development of accident investigation technique designed to manage, eliminate or reduce risk to an acceptable level.

Who should attend?

This programme is appropriate for mid-level HSE engineers and project managers, as well as senior project managers, senior technical specialists, and lower-level engineers.

Topics covered

- Fundamental risk concepts and terminology
- Regulatory requirements and best practices
- Links between risk, incident and safety culture

- Key risk management implementation issues
- Hazard identification techniques
- Practical risk assessment demonstration
- Risk control options
- Risk prioritisation and decision making
- Case study on risk assessment
- Incident investigation basics and terminology
- Process of incident investigations
- Interviewing and fact-gathering techniques
- Root cause analysis
- Practical incident investigation execution
- Case study on incident investigation
- Incident investigation report writing and presentation

Duration: 3 days (24 hours in total, assuming an 8-hour day)

