



Conducting Root Cause Analysis for Incident Investigation Course

DURATION

4 Days

LANGUAGE

English

COURSE CODE

SM-30121 (IH)

This course will instill participants with knowledge and skills on incident investigation processes, understanding of incident etiology, develop root cause analysis using 5-Whys methodology and preparation of investigation reports.

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Course Content

The syllabus focuses on:

- Incidents and near misses
- Incident investigation process
- Forming an investigation team
- Gathering and preserving evidence
- Witnesses
- Carrying out interviews
- Incident etiology and causation
- Six basic steps to incident investigation
- Root cause analysis – 5 WHYs
- Correction Vs Corrective Action
- Closure of Incident Corrective Action Report
- Investigation report writing
- Case Study

Who Should Attend

Project Management Team, Workplace Safety and Health Committee Members, WSH Professionals, Engineers, Field Supervisors

Method of Study

Classroom training with individual and group exercises and case study scenarios

Assessment & Certification

Certification will be issued to participants who attend the course and successfully complete the assessments.

Learning Outcomes

Upon completion of this course, participants will be able to

- Understand the purpose of incident investigation and its process.
- Learn how to establish facts and reconstruct events.
- Understand root cause analysis.
- Understand the application of incident etiology.
- Learn to develop sound recommendations.
- Learn how to construct an incident investigation report.

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