

Risk Assessment by Bow Tie Analysis Workshop

Duration: 1 day

COURSE OVERVIEW

This course will provide participants with the knowledge and skills on risk management process by using the bow tie analysis tool. Delegates will have understanding on hazard identification, conduct evaluation and effective implementation of control measures.

Bow Tie Analysis provides the clearest graphical illustration of risk management which can easily be understood by all levels within an organization. This tool has made communicating risk issues easy and to obtain feedback from the ground.



WHO SHOULD ATTEND

Management, Supervisors, managers, safety committee members and safety personnel who have a responsibility for leading, managing and carrying out risk assessments at the workplace.

LEARNING OUTCOMES

- Understand the concept of risk management
- Understand the characteristics of bow tie analysis
- Identify and evaluate workplace related hazards
- Able to identify preventive controls and recovery controls
- Able to conduct risk assessment using bow tie analysis

METHOD OF STUDY

Classroom training and practical exercises

ASSESSMENT & CERTIFICATION

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

Course Content

- Introduction to Risk Management
- Accident causation
- Bow Tie Methodology
- Eight steps to Bow Tie Analysis
- Fault Tree & Event Tree Analysis
- Case Study Review
- Practical Assessment



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