

Advanced Accident Investigation

2 Day Course

This course aims to provide managers, supervisors, safety advisors with the skills and knowledge to undertake successful accident investigations, interview techniques, determining root causes, providing long term solutions and full cost analysis. This course is more advanced than the basic Accident Investigation course but no formal pre-qualification is required.

Day One

Session 1 Introduction and Setting Course Objectives

Session 2 Understanding Accidents

What is an accident? Understanding the difference between accidents and injuries. The relationship between injuries, accidents, near misses, etc. Understanding the difference between hazards and risks in construction. Breakdown of the types of accidents and ill-health encountered in construction. Recognising hazard groups and their effects.

Session 3 Accidents and Ill-Health Reporting

Reportable accidents, notifiable dangerous occurrences and illnesses appertaining to the construction industry. Who has to submit the reports and to whom? Non-statutory notifications, lost time accidents, accident book entries near-miss recording. Benefiting from accident statistics.

Practical Exercise: Establishing a schedule of accident and incident reporting categories.

Session 4 Accident Prevention Techniques

Tried and tested methods of accident prevention. Domino theory. Total loss control.

Session 5 Accident Investigation

Principles of accident investigation. Taking statements. Detailed investigation of facts and contributory factors. Powers of inspectors to take statements. Providing evidence to solicitors and the HSE.

Day Two

Session 1 Accident Causation

Determining the actual causes of an accident, including 'Multiple Cause Diagramming.'

Practical Exercise: Establish the cause of an accident using multiple cause diagramming.

Session 2 Investigation Interviews

Management of interviews and techniques to be used. Interview records.

Practical Exercise: Role plays in interviewing.

Session 3 Cost of Accidents

Establishing the true cost of accidents in financial terms as well as in terms of human suffering. Hidden costs of accidents. Employers' liability compulsory insurance.

Practical Exercise: Establishing the cost of an accident.

Session 4 Investigation Reporting and Corrective Actions

Cost/benefit decisions for corrective actions. The structure of an accident investigation report.

Practical Exercise: Production of an investigation report.

Session 5 Course Review and Conclusion

Objectives

On completion of the course, delegates should:

- understand the causes of accidents and ill-health in the construction industry;
- understand the elements that combine to form an accident prevention programme;
- know the legal requirements for injuries, dangerous occurrences and ill-health to be reported; and
- be confident in accident investigation, interviewing, causal analysis and investigation reporting.

Maximum number of delegates: 10