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**Course Name**

# Accident and Incident Investigation Techniques

**Sector Name**

Health, Safety and Environment

**Document Type**

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# Course Introduction

## Accident and Incident Investigation Techniques

The term incident is used in some Situations and Jurisdictions to cover both an "Accident" and "Incident". It is argued that the word "Accident" implies that the event was related to fate or chance. When the root cause is determined, it is usually found that many events were predictable and could have been prevented if the right actions were taken, making the event not one of fate or chance (thus, the word incident is used). For simplicity, we will use the term accident to mean all of the above events. All accidents are incidents, but not all incidents are accidents.

That's a very brief answer to the common query about the difference between the two terms. Accident investigation techniques are Lawrence Bamber's theme in our latest guide. The information that follows is intended to be a general guide for supervisors or joint occupational health and safety committee members. When accidents are investigated, the emphasis should be concentrated on finding the root cause of the accident rather than the investigation procedure itself, so you can prevent it from happening again. The purpose is to find facts that can lead to actions, not to find fault. Always look for deeper causes. Do not simply record the steps of the

event. The course covers loss causation and analysis, and reporting and recording, but we'll concentrate here on incident investigation

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# Accident and Incident Investigation Techniques

## Target Audience

✓ All Safety Professionals
✓ Safety Committee Members
✓ Security personnel / Specialist
✓ Managers and heads of the HSEC department
✓ Technicians and competent personnel
✓ Human Resource personnel
✓ Rescue Specialist
✓ All Safety Professionals
✓ Safety Committee Members
✓ Security personnel / Specialist
✓ Managers and heads of the HSEC department
✓ Technicians and competent personnel
✓ Human Resource personnel
✓ Rescue Specialist
✓ Safety officer / Supervisor / Consultant / Director / Manager
✓ Safety Engineer
✓ Risk Manager
✓ Audit Manager
✓ Corporate Safety Director
✓ Safety & Training Specialist
✓ HSE professionals

✓ Hazard Analysis

✓ Environmental Specialist

✓ Emergency Response Specialist

✓ Occupational Safety and Health Specialist

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# Accident and Incident Investigation Techniques

## Learning Objectives

- ✓ To meet regulatory requirements for accident/incident investigations
- ✓ To develop and implement a structured program designed for learning from the course.
- ✓ Accident/incidents/Near Misses.
- ✓ To initiate and conduct an investigation.
- ✓ Methods for collecting different types of data, including effective interviewing skills
- ✓ To determine accident causes: Direct Causes, Indirect Causes, and Root Causes.
- ✓ To develop appropriate recommendations to address root causes at various levels to avoid future Accidents/incidents.
- ✓ How to structure reports:
- ✓ Via actual industry examples and workshops, learn key points and practice.
- ✓ To analyze accidents/incidents and near misses, and how to prepare for the appropriate.

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# Accident and Incident Investigation Techniques

## Course Outline

### ✓ DAY 01

**Main Types of Hazards**

- ✓ Hazardous Materials and Substances (Physical and Chemical Properties)
- ✓ Hazards Identification Techniques (Risk Assessment – Job Hazard Analysis – Inspection)

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# Accident and Incident Investigation Techniques

## Course Outline

### ✓ Day 02

**Programs – Safety Auditing, etc.**

- ✓ What an Accidents, Incidents, and Near Misses?
- ✓ Chemistry of an Accident
- ✓ Accident Ratio Triangle

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# Accident and Incident Investigation Techniques

## Course Outline

### ✓ Day 03

**Outcomes of Accidents (Positive Outcomes and Negative Outcomes).**

- ✓ Understand Why Accidents are Investigated
- ✓ The Aim of Accident Investigation
- ✓ How to Prevent Accidents?

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## Course Outline

### ✓ Day 04

**Reporting the Accident**

- ✓ The Accident Investigation Worksheet
- ✓ Accident Costs (Direct Costs and Indirect Costs)
- ✓ Accident Investigation Written Program.

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## Course Outline

✓ **Day 05**

**Accident Investigation Team**

✓ Accident investigation kit

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# Accident and Incident Investigation Techniques

## Confirmed Sessions

| FROM | TO | DURATION | FEES | LOCATION |
|---|---|---|---|---|
| Oct. 18, 2027 | Oct. 22, 2027 | 5 days | 4250.00 $ | UAE , Dubai |
| April 18, 2027 | April 22, 2027 | 5 days | 4250.00 $ | KSA , Riyadh |
| July 19, 2027 | July 23, 2027 | 5 days | 4950.00 $ | England , London |
| Jan. 18, 2027 | Jan. 22, 2027 | 5 days | 4250.00 $ | UAE , Abu Dhabi |

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