

## Industrial Accident and Incident Investigation Workshop

*Cairo (Egypt)*

*8 - 12 December 2024*

UK Training

# PARTNER



# Industrial Accident and Incident Investigation Workshop

Code: OC28 From: 8 - 12 December 2024 City: Cairo (Egypt) Fees: 4000 Pound

## Introduction

The Industrial Accident and Incident Investigation Workshop is a comprehensive 5-day training program specifically designed to equip participants with the essential knowledge and skills required for effective industrial accident investigation. This workshop is vital in promoting workplace safety training by providing in-depth guidance on the incident investigation process, root cause analysis, and preventive measures aimed at reducing the occurrence of industrial accidents.

## Workshop Objectives

- **Understanding the Importance of Investigations:** Recognize how industrial accident investigations play a crucial role in maintaining a safe work environment.
- **Developing Essential Skills:** Acquire the knowledge and skills necessary to conduct thorough investigations and root cause analyses.
- **Identifying Contributing Factors:** Learn techniques to identify hazards and factors that lead to industrial accidents and incidents.
- **Creating Effective Recommendations:** Develop the ability to formulate actionable recommendations and preventive measures to mitigate future risks.
- **Enhancing Safety Culture:** Foster a culture of safety within the organization by implementing best practices in incident investigation and training.

## Workshop Outlines

### Day 1: Fundamentals of Industrial Accidents and Incidents Investigation

- **Understanding Accident Causation Models:** Explore various models that explain how industrial accidents occur.
- **Legal and Regulatory Requirements:** Discuss the legal framework surrounding incident investigation, including reporting obligations.
- **Key Principles of Investigation:** Learn about the foundational principles guiding effective incident investigation.
- **Investigation Team Roles:** Understand the roles and responsibilities of the investigation team.
- **Securing the Accident Scene:** Gather initial information and secure the scene of an incident effectively.

### Day 2: Data Collection and Analysis

- **Collecting Evidence:** Master techniques for collecting and preserving evidence and physical data related to industrial accidents.
- **Interviewing Techniques:** Develop skills in interviewing witnesses, victims, and involved parties during the incident investigation process.

- Documentation Best Practices: Learn the best practices for documentation and record-keeping.
- Analyzing Data: Gain insights into analyzing data to identify contributing factors to industrial accidents.
- Introduction to Analysis Tools: Familiarize yourself with various incident investigation methods and analysis tools.

### Day 3: Root Cause Analysis RCA

- Importance of RCA: Discover the significance of root cause analysis in preventing industrial accidents.
- Common RCA Methodologies: Learn about methodologies like the 5 Whys, Fishbone Diagram, and Fault Tree Analysis.
- Practical Exercises: Engage in practical exercises applying RCA techniques to real case studies.
- Successful RCA Outcomes: Participate in case studies and group discussions focusing on successful RCA applications.
- Developing CAPA: Create corrective and preventive actions CAPA based on findings from the root cause analysis.

### Day 4: Reporting and Communication

- Effective Reporting Formats: Understand various reporting formats and templates for incident investigation reports.
- Writing Investigation Reports: Master the art of writing clear and concise reports detailing incident findings.
- Presenting Findings: Learn how to effectively present findings to stakeholders and management.
- Legal and Ethical Considerations: Discuss the legal and ethical implications of communication during investigations.
- Media and Public Relations: Explore strategies for handling media inquiries and public relations during an incident investigation.

### Day 5: Preventive Measures and Continuous Improvement

- Action Plan Development: Create a detailed action plan for implementing preventive measures post-investigation.
- Monitoring Progress: Learn how to monitor and track the progress of corrective actions to ensure effectiveness.
- Reviewing the Investigation Process: Conduct a thorough review of the incident investigation steps for continuous improvement.
- Establishing a Safety Culture: Develop strategies to promote a culture of safety and learning from past incidents.

#### conclusion

At the end of the workshop, participants will receive certification, affirming their competence in industrial accident investigation training and incident investigation techniques. This training is an essential step toward enhancing workplace safety and significantly reducing the risks associated with industrial accidents.

By participating in this workshop, you will gain a profound understanding of the benefits of incident investigation and be equipped to handle industrial accident scenarios effectively, ensuring a safer work environment for all.

This training program not only emphasizes the theoretical aspects of incident investigation but also prioritizes practical application, empowering participants to implement the knowledge gained effectively within their organizations. Join us to take a crucial step towards ensuring workplace safety and enhancing your organization's

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response to industrial incidents!





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**BLACKBIRD**  
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International House 185 Tower Bridge  
Road London SE1 2UF United Kingdom



+44 7401 1773 35  
+44 7480 775526



Sales@blackbird-training.com



www.blackbird-training.com

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