

Accident Investigation

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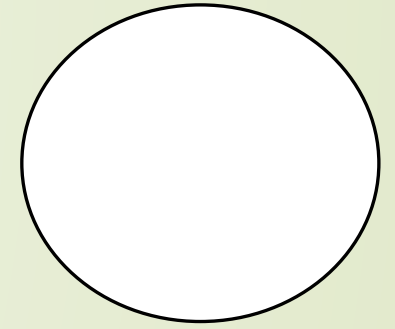


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Trainer Profile



Qualifications

- Qualification 1
- Qualification 2
- Qualification 3

Work Experience

- Work Experience 1
- Work Experience 2
- Work Experience 3



Training Content

- What is an Accident?
- Accident Consequences
- Objectives
- Why an Accident Investigation Is Conducted?
- Preparations for an Accident Investigation
- Conduct an Accident Investigation
- Examples of an Accident Causes
- Types of Causes



What is an Accident?

- ❑ An accident is an unplanned, and unwanted event, resulting in mishap including injury, property, as well as fiscal loss.
- ❑ Accidents usually occur due to;
 - ❑ Failure of the people
 - ❑ Use of fallible equipment
 - ❑ Failure of the machinery
 - ❑ Working in an unexpected environment
- ❑ Once an accident occurs, there are consequences of different severity.



Accident Consequences

Accident has two types of the consequences which are divided into 2 basic categories as listed below.

Direct Consequences

- ❑ Personal Injury
- ❑ Death
- ❑ Property Loss

Indirect Consequences

- ❑ Lost Income
- ❑ Reputation Loss
- ❑ Medical Expenses
- ❑ Product Loss
- ❑ Legal Action Expense
- ❑ Training of Newly Inducted Worker



Objectives

- Explaining the meaning and impact of the accident investigation;
- Identification of different types of the accident causes;
- Identify the purpose of the accident investigation;
- Explain how to conduct an accident investigation;
- How to document the accident investigation;



Why an Accident Investigation is Conducted?

- Determine the sequence of the events leading to an accident;
- Identify the cause of an accident;
- Check if the existing controls are sufficient;
- Identify and suggest new controls to prevent recurrence;



Preparations for an Accident Investigation

- Develop and present an accident investigation policy;
- Develop and implement an accident investigation procedure;
- Organize an accident investigation team with relevant skills, training, experience and resources;
- Routinely audit the incident investigation policy and procedure to ensure;
 - Workers are aware of their roles and responsibilities
 - System is implementing previous suggested controls
- It must be ensured, the employee assigned the investigation responsibility is trained, experienced, has knowledge of the work activity.
- During accident investigation previous records should be consulted as well;



Conducting an Accident Investigation

- ❑ Visit the site for evidences collection;
- ❑ Interview the primary witness (victim);
- ❑ If primary victim is not available, interview the secondary witness (nearby worker) present on the worksite;
- ❑ Check and view the CCTV/ Area Monitoring Camera Videos;
- ❑ Review the evidences, and previous maintenance reports of the involved equipment;
- ❑ Review the work procedures and method statements for any kind of deficiency;
- ❑ Document all important notes before making any change in the worksite and work procedure;



Conducting an Accident Investigation

- Make documented observations on;
 - Pre-accident conditions
 - Accident event sequence
 - Post-accident conditions
- Document the facts consisting of;
 - Location
 - Witness statement
 - Contributing factors
- establish the chronological sequence of events leading to the accident
- Establish the Cause of the accident



Examples of Accident Causes

Basic Cause	Indirect Cause	Direct Cause
No oversight	Securement failure	Hit by moving object
Poor maintenance	Insufficient Guarding	Fall from height
Policies	Improper usage of tool	Entrapment/ Entanglement
Training deficiency	Ergonomics	Exertion
Work load & stress	Environmental problems	Contact with
Engineering problems	Defect	Impact



Revision Summary

Rev #	Date	Revised By	Description



THE END



Questions & Answers

