Accident Investigation and Prevention in the workplace

Presented by
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A case study on Ismail Bin Ali Trading and Contracting.
Why do Accident Occur in a Workplace

When there are inadequate Health, Safety, Environmental and Fire precautions in the workplace/ site.
Some of the Accident Scenes in our IBA Workplace
Why are Accidents Investigated in IBA Workplace?

- To prevent reoccurrence of accident
- To determine the cost associated with an accident based on insurance company
- To determine compliance with applicable safety regulations and other third party
- To ensure that workers’ compensation claims are established according to the level of the accident.
- To show managerial commitment to safety of the workforce.
Who should form part of Accident Investigation Committee?

- Safety Manager or his representative
- Safety committee members
- Immediate supervisor
- Department manager or his representative
- Safety officer
- Accident witness
Lusail Marina Resident 16 Accident Investigation Team
Steps Involved in Accident Investigation

Identify the events that leads to the accident.

Report the findings after the investigated in a plan documented manner

Develop a plan for corrective action of the accident.

Implement the corrective action plan putting in place.

Evaluate the effectiveness of the actions taken for continuous improvement in the system
The Causes of Accident in the Workplace

There are two categorized major causes of accident in a workplace:

**Unsafe Acts**

- Workers smoking in undesignated area,
- Improper lifting, Horseplay among workers,
- Influence of drugs or alcohol, Workers operating machines without certification and experience,

**Unsafe Conditions**

- Machine without guard, Congested area
- Noise exposure, Wet floor, Inadequate warning system, Defective/damaged tools
Other Main Contributing Factors why Accident occur

Other main contributing factors that leads to accident in a workplace can be divided into the following heading:

Environment

Personnel

Management

Material

Task
In Every Accident, there is the Root Cause!

The root cause of an accident are those safe working managerial procedures that were not implemented that resulted to accident. Some of the examples are inadequate training for workers in high risk activities, none implementation of planned safe system of work in the workplace.
Accident Reporting

Accident reporting is the formal way of documenting a particular accident in the system. It needs to be reported immediately after accident occurrence.

All information concerning the victim is recorded accordingly.

Detailed description of what happened that lead to the accident will be stated in the report.
How do you Prevent Accident from Occurring?

Accidents in the workplace can be prevented by ensuring that all safe system of work is in place,

Risk Assessment of work activities are conducted and its control measures makes functional in the site,

Early detection of mechanical faults can also safe guard the breakdown of the equipment that will result to accident in the workplace,

Employee awareness, Training, Immediate correction of identified hazards.

and investigation of reported accidents to prevent future accidents
Conclusion

Many stakeholders in IBA sites are responsible in ensuring that accidents are prevented in the workplace.

These stakeholders includes Project Director, Project manager, HSE Manager, Other departmental / line managers, Safety Personnel, foremen, committee members, supervisors.

These groups of individuals must realize that their actions and attitudes regarding accident prevention in particular and safety in general have a very big impact on how “safety conscious” employees are and this have positive or negative implication to safety culture of the entire workforce in the site.
Question !

Question Time Please !

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