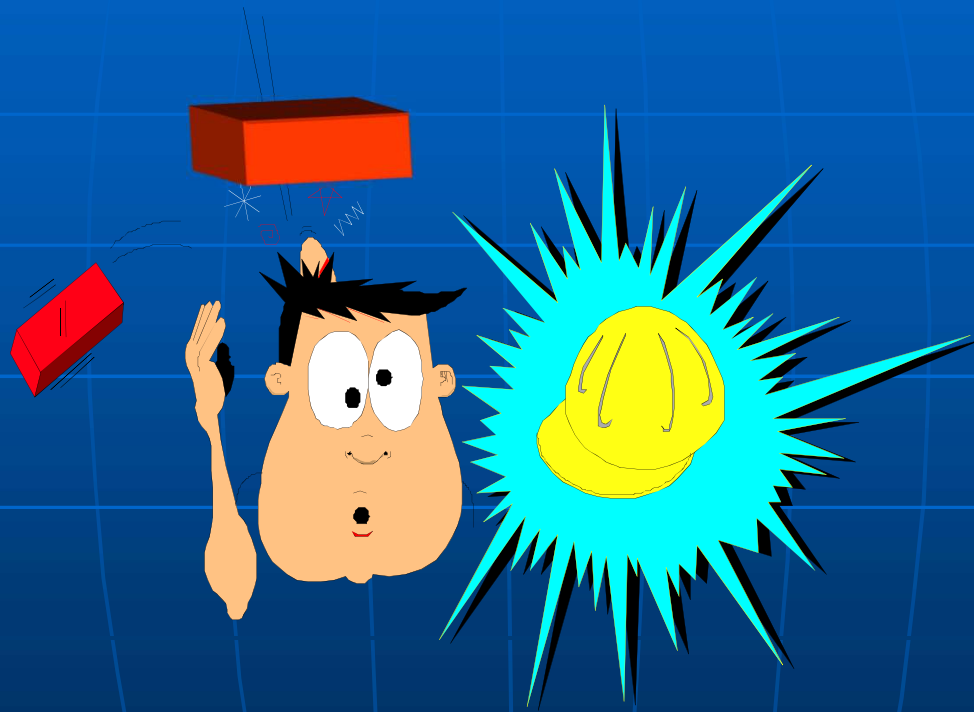


Near Miss Presentation



Objectives

By the end of this presentation, you will know:

- The definitions of an accident and a near miss;
- The difference between a hazard, a near miss and an accident; And.
- Why we report and investigate near misses.
- Have a better understanding on the importance of raising near misses

What Is a Hazard?

- Something with the potential to cause harm"
- Examples may be:
 - Physical (noise, electricity, the sun)
 - Chemical (Toxic dusts, fumes & gases)
 - Biological (infections-hepatitis, HIV)
 - Ergonomic (Stress, work conditions)

What is an Accident?

“An unplanned, unforeseen chain of events that has resulted in personal injury to an individual, harm to the environment, or damage or loss to the company”

What is a Near Miss?

“ An undesired event, that under slightly different circumstances, could have resulted in personal harm/injury, property or environmental damage or other loss”

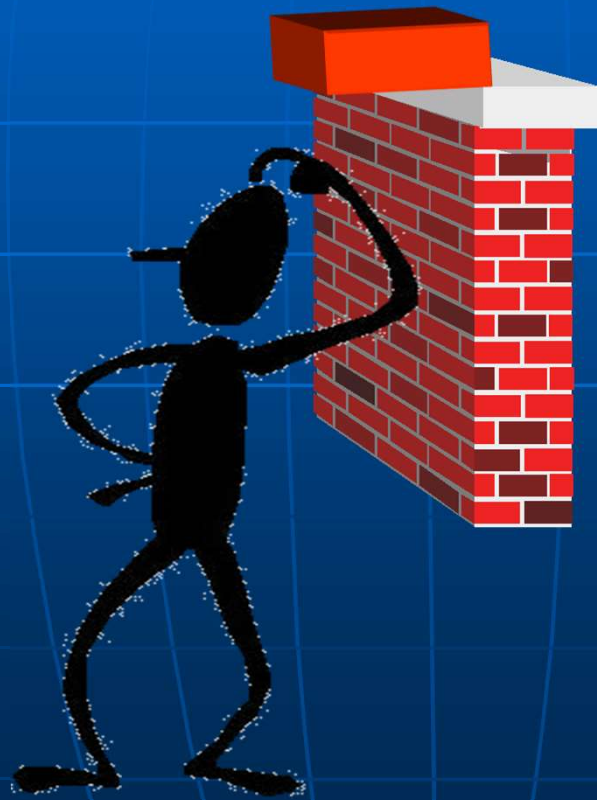
IOSH Definition of an Accident

➤ IOSH:

“ An unexpected, unplanned event in a sequence of events that occur through a combination of causes; It results in physical harm (injury or disease) to an individual, damage to property, a loss, or any combination of these effects”

Hazard, Near Miss or Accident? TEST !

Hazard, Near Miss or Accident?



Hazard, Near Miss or Accident?



Hazard, Near Miss or Accident?



Hazard, Near Miss or Accident?



Examples of Near Misses

- Equipment being dropped from a height
- People walking under suspended loads
- Compressed air lines becoming un-coupled
- Hot slag falling near to gas hoses
- Blasters working without dead man's handle
- People working at height without fall arrest
- un-slung loads
- Hydro test fluids being released near electric cables

Why Report and investigate Near Misses?

- Identify causes and remove BEFORE an accident occurs/reduce incidents
- More frequent than accidents, so can be used to predict future events
- Legal requirements
- A free opportunity!
- NOT to apportion blame

Tye & Pierson Triangle



Effects of Near Miss Reporting



Why Do Accidents Happen?



Legal & system requirements

- Qatar Labour Law No (14) for the year 2004
- Siemens Ras Laffan B Health & Safety Plan
- Site instruction No 11 for 'Reporting & investigating incidents'
- Your own company procedures
- Morale obligation

How to report a near miss

- Simply ask your respective HSE department who will provide you with a form to complete
- Speak to a Siemens HSE advisor who will provide help to complete it.

Once complete return it to your HSE dept.

Summary

- The difference between an accident and a near miss is only a matter of chance
- The purpose of reporting and investigating near misses is to establish the causes and remove them, **not** to apportion blame
- Near misses are a free opportunity to prevent future accidents

Summary

- Near misses have the same immediate and basic causes as accidents, but they are much more frequent
- If the causes were identified and removed for every near miss, the accidents **WOULD NOT HAPPEN**