

GLOBAL TECHNICAL INSTITUTE

Director of GTI :Engr. Ijaz Munir HSE Trainer (AIOSH)

Email: ijazmunir77@gmail.com

Contact:+923017784103

YouTube Channel: https://youtube.com/@GLOBAL.TECHNICAL.INSTITUTE

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TOPIC

HSE Definition

Hazard

Incident

Accident

Nearmiss

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TOPIC

UNSAFE CONDITION

UNSAFE ACT



Control of accidental loss to people, property, environment or process is called safety

HEALTH

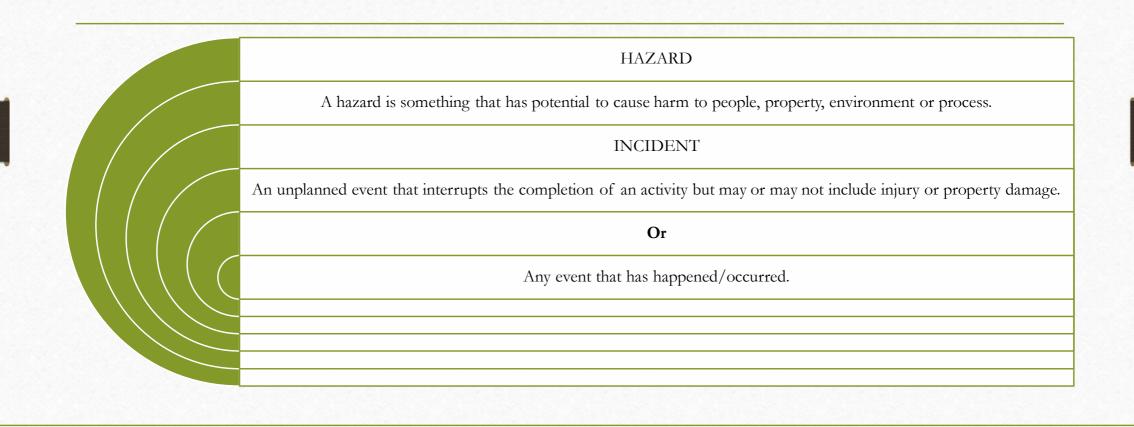
Absence of any physical or psychological disease is called health.

ENVIRONMENT

Surrounding areas such as land, air, plants and animals etc.







ACCIDENT

An undesired and uncontrolled event that results in harm to people, damage to property, environment or loss to process is called accident.

NEAR MISS

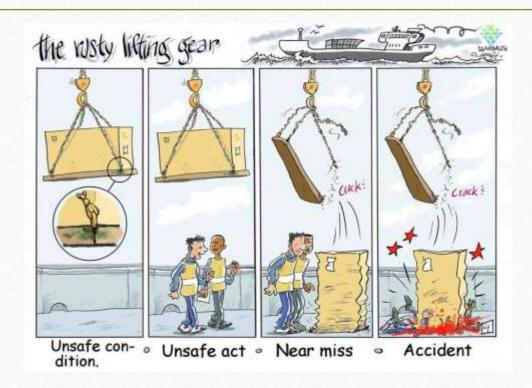
Any incident that had potential to cause harm but was avoided by circumstances.

Difference between near miss and accident





Difference between near miss and Accident





Injury is physical harm or damage to a person resulting from contact with an outside agency or from exposure to environmental factors.

Emergency

Emergency is a serious situation happened unexpectedly and needed immediate corrective measures.

UNSAFE CONDITION

The unsafe condition is a hazardous physical condition or circumstances which could directly permit the occurrence of an accident.

UNSAFE CONDITION

Following are the conditions which could result in occurrence of an accident.

Incompetency of workforce

Insufficient supervision

Hazardous arrangements of tools, machines, equipment, supplies etc

Inadequate warning system

Inadequate guards or barricading

UNSAFE CONDITION

Access/ Egress not clear

Fire and Explosion hazards

Noise

Poor illumination

Poor ventilation

Poor Housekeeping

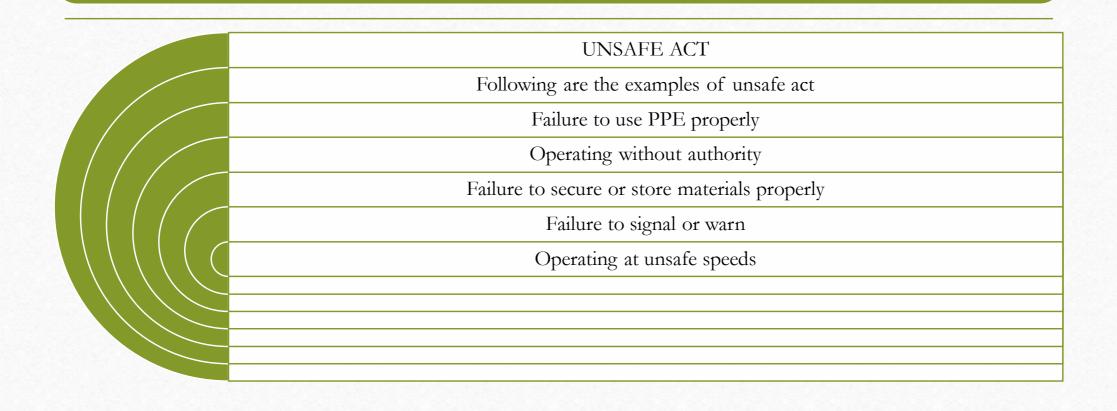
Bad Weather

Uneven ground

UNSAFE ACT

Unsafe acts are performed any time when an employee fails to abide by safety rules and protocols.

UNSAFE ACT





Making safety devices inoperable

Using defective safety devices

Using defective safety equipment

Repair of equipment in operation

Violation of HSE rules

Overwork/ sickness/ Violence/ over confidence