



الكلية : كلية طب العام

الفرع : طب الاسرة والمجتمع

المرحلة : الرابعة

أستاذ المادة : د بديعه ثامر يحيى

اسم المادة باللغة العربية : الصحة المهنية

اسم المادة باللغة الانكليزية : Occupational health

اسم المحاضرة الثانية باللغة العربية : السلامة المهنية

اسم المحاضرة الثانية باللغة الانكليزية : Occupational safety

# Occupational safety:

is a multidisciplinary field concerned with the [safety](#), [health](#), and [welfare](#) of people in the occupation .

**Safety:** a state of being protected from potential harm or something that has been designed to protect and prevent harm.

## Occupational safety and health (OSH):

- Elimination or minimization of damage or harm to people in the workplace, their work tools, equipment, materials, etc., and their living and working environment.
- Safety – acute injuries \ events
- Health – chronic exposures over time

### The importance of occupational safety

Occupational safety deals with all aspects of physical, mental, and social health and safety in a workplace.

It is the umbrella for the company's efforts to prevent injuries and hazards in all work environments.

Every industry presents various kinds of safety hazards to its employees.

The spectrum of possible occupational safety risks ranges from severe and immediate physical dangers to milder hazards.

- The more immediate causes can be **fires, explosions, chemical hazards, or other such dangers** that present an immediate threat to an employee's life.
- Milder hazards include challenges in **ergonomics**, workloads, mental capacity, and the general well-being of employees. The latter kinds of risks often take place in an office environment. However, whatever business you are in, there is always the possibility of an accident happening to someone.

## What is working safety?

- Wearing required PPE
- Completing every task, the correct way, not taking hazardous shortcuts.
- Paying attention to the task at hand.
- Asking for instruction when completing unfamiliar tasks.



## What is the difference between occupational safety and occupational health

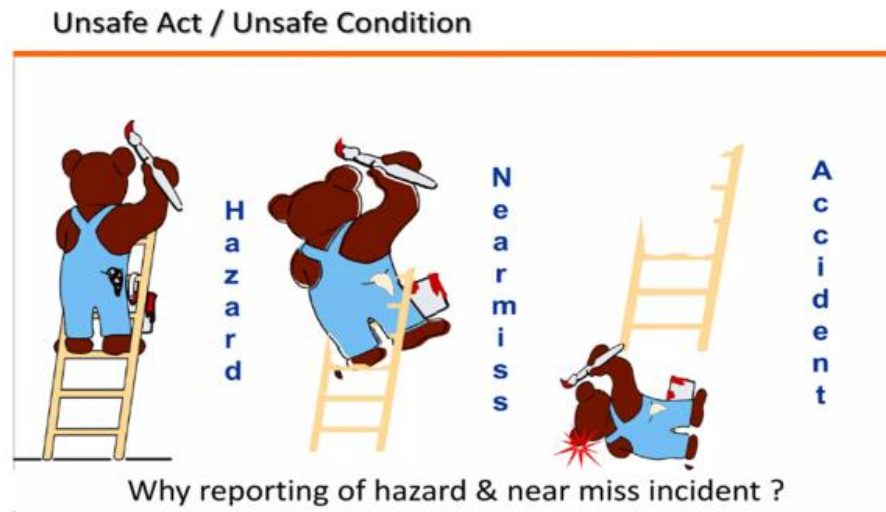
- Occupational safety addresses potential safety hazards that can cause injury, whereas occupational health addresses potential health concerns.
- Occupational safety pertains more to the physical well-being of employees, while occupational health covers the employees' overall well-being.
- Occupational health programs can be quite proactive by seeking to improve an employee's health and well-being.

EX: Employers may offer smoker cessation classes or even have an on-site gym. At the very least, employers are responsible for identifying potential health concerns related to the job and controlling them just as they would with safety hazards.

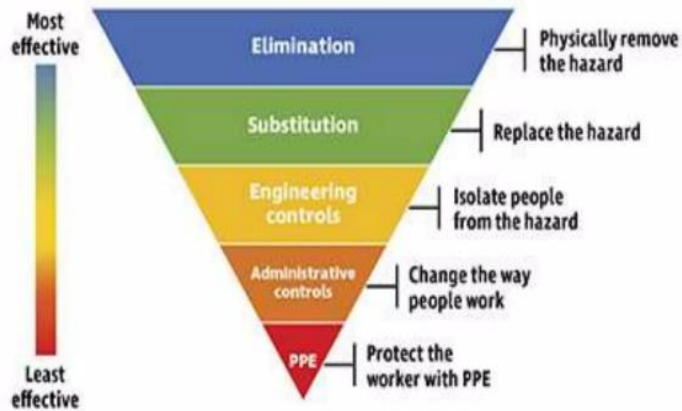
- **Hazard:** the potential to cause injury or damage.
- **Risk:** a combination of consequences and the probability that the harm from a particular hazard is realized.
- **Near Miss:** any accident which could have resulted in injury to a person or damage to a plant or equipment or harm to the environment, or any activity which if allowed to continue could have the potential to cause an accident.

- **Accident:** unwanted and unplanned event, typically resulting in damage or injury

Hazards occur from:



- \* workplace and environment
  - \* Tool and equipment
  - \* Poor planning and designing
  - \* Poor procedure
- Hazard control:



Personal protective equipment :

- Safety glasses \ face shields
- Hearing protection
- Gloves
- Hard hat
- Steel Toe boot
- Respiratory\ dust mask

## Care of PPE

- Inspect all PPE prior to using each time.
- If any part of the PPE is damaged, seek repair or replacement.
- Store all PPE in a clean, dry, and secure place.

## Site Specific Risk Assessment

### 1. Look for the hazards

Walk around the workplace and consider all the sources, situations, workplace tasks or environmental conditions which could lead to injury, damage, ill effect on health or negative impact on environment.



### 2. Exposure to Hazard

How often are people likely to encounter this hazard.