

Hazard and Risk

HAZARD

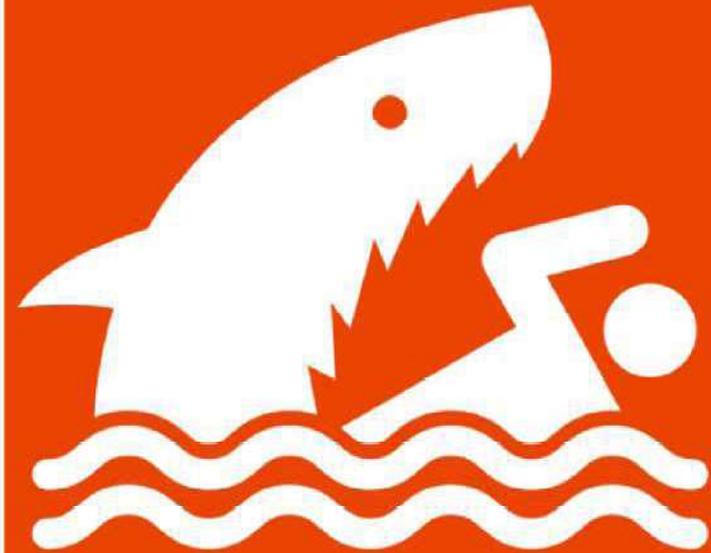
VS

RISK

A **HAZARD** is something that has the potential to harm you



RISK is the likelihood of a hazard causing harm



Why Do I Need A Risk Assessment?

Employer's Duties

As an employer, you are legally obligated to protect your employees and others from harm. .

Under the Management of Health and Safety at Work Regulations 1999, the minimum you must do is:



Identify What Could Cause Injury Or Illness In Your Business (Hazards)

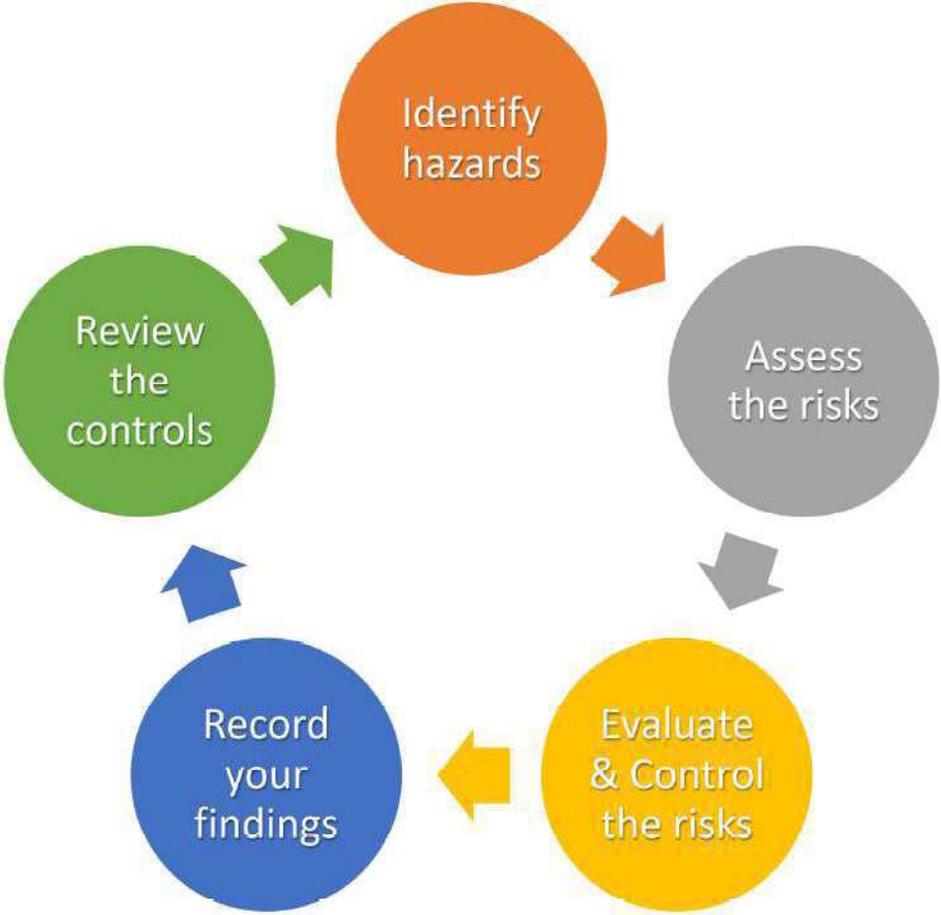


Decide How Likely It Is That Someone Could Be Harmed And How Seriously (The Risk)



Take Action To Eliminate The Hazard, Or If This Isn't Possible, Control The Risk

Risk management is a step-by-step process for controlling health and safety risks caused by hazards in the workplace.

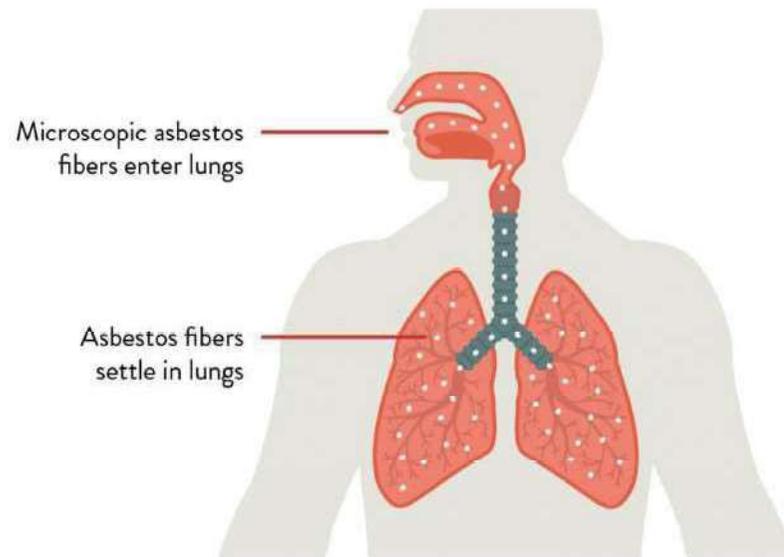


What is A Risk?

Risk in health and safety is the likelihood of undesirable events or injuries occurring in the workplace, and it involves assessing hazards and the effectiveness of control measures.

For Example;

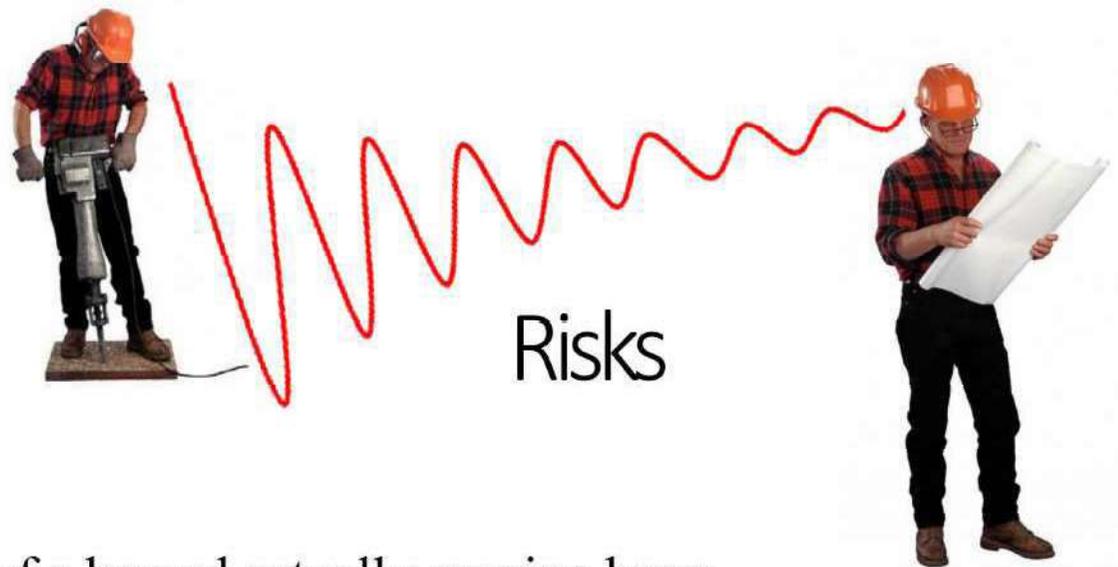
Hazard of Asbestos - causes mesothelioma (lung cancer).
The risk of inhaling asbestos fibers is greater when the asbestos board is in poor condition or is being broken.



Risk

The level of risk can vary for different workers, such as expectant mothers, people with disabilities, or new workers.

For respiratory and hearing hazards, the associated risk is typically assessed by comparing an individual's level of exposure to occupational limits.



A risk is the probability of a hazard actually causing harm.

Identify Hazards

Look around your workplace and think about what may cause harm (these are called hazards). Think about:



- how people work and how plant and equipment are used
- what chemicals and substances are used
- what safe or unsafe work practices exist
- Look back at your accident and ill health records, as these can help you identify less obvious hazards.



Where Can I Find Information on Hazards?

- Container labels & trade journals
- Container labels will often list the “ingredients” in a product.
- Industry trade journals may provide useful information on various common



Assess The Risks

Once you have identified the hazards, decide how likely it is that someone could be harmed and how serious it could be. This is assessing the level of risk.

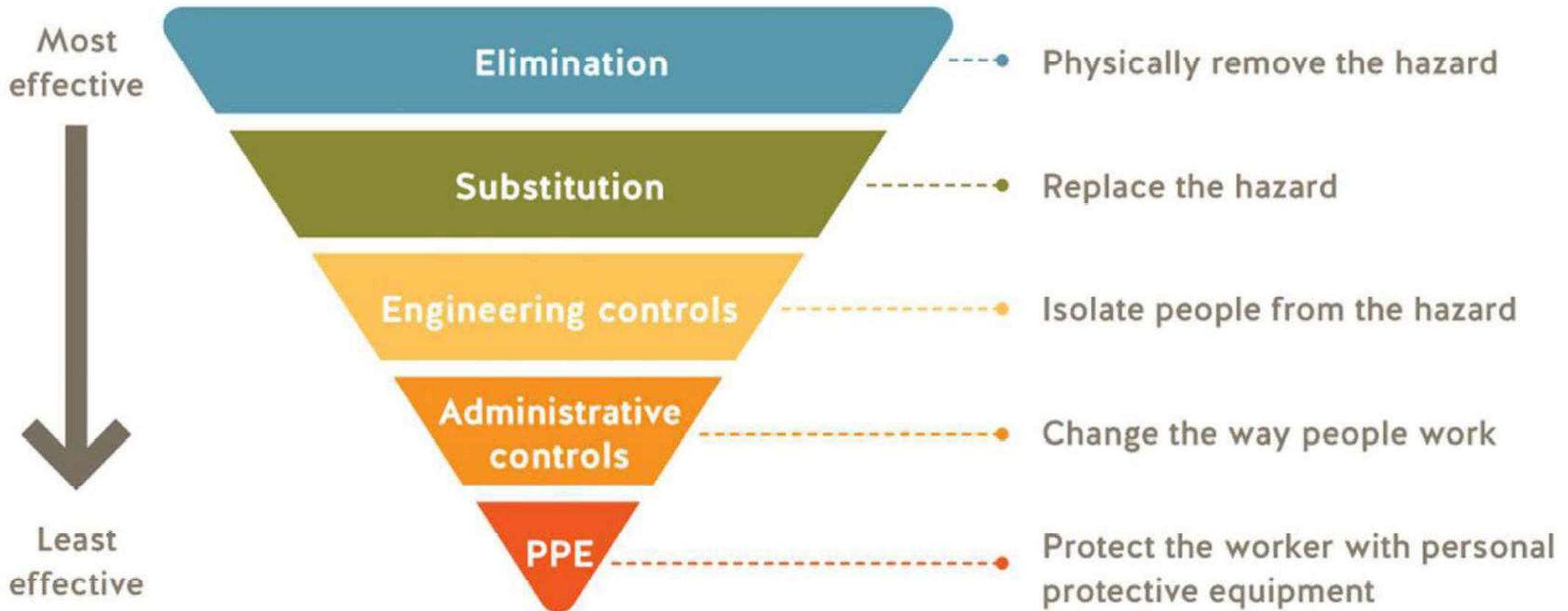
Decide:

- who might be harmed and how
- what you're already doing to control the risks



The Hierarchy of Controls/ Control The Risks

When considering how to reduce the risk, there's a certain order you should follow. This is called the hierarchy of controls. It's important to follow the hierarchy, as shown below, rather than start with the easiest control measures.



Record Your Findings

If you employ 5 or more people, you must record your significant findings, including.

The Hazards
(Things That May
Cause Harm).



Who Might Be
Harmed And
How.



What You Are
Doing To Control
The Risks.



Review The Controls

You Must Review The Controls You Have Put In Place To Make Sure They Are Working. You Should Also Review Them If :

