

# **SNS COLLEGE OF PHYSIOTHERAPY**

Saravanampatti Post, Coimbatore – 641 035, T.N  
(Affiliated by the Tamil Nadu Dr. M. G. R. Medical University, Chennai.)



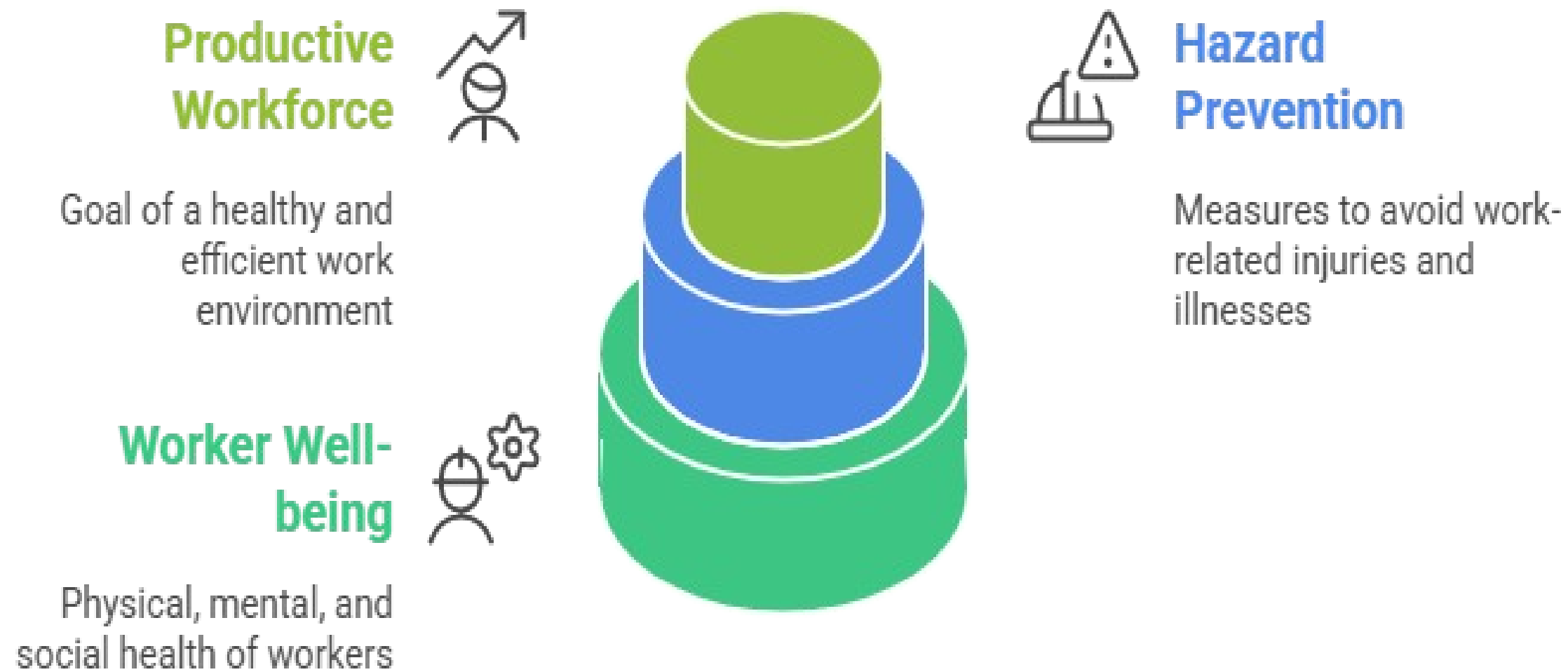
**DEPARTMENT OF PHYSIOTHERAPY- BPT III YEAR**

**SUBJECT NAME- COMMUNITY MEDICINE**

**TOPIC- OCCUPATIONAL HEALTH**

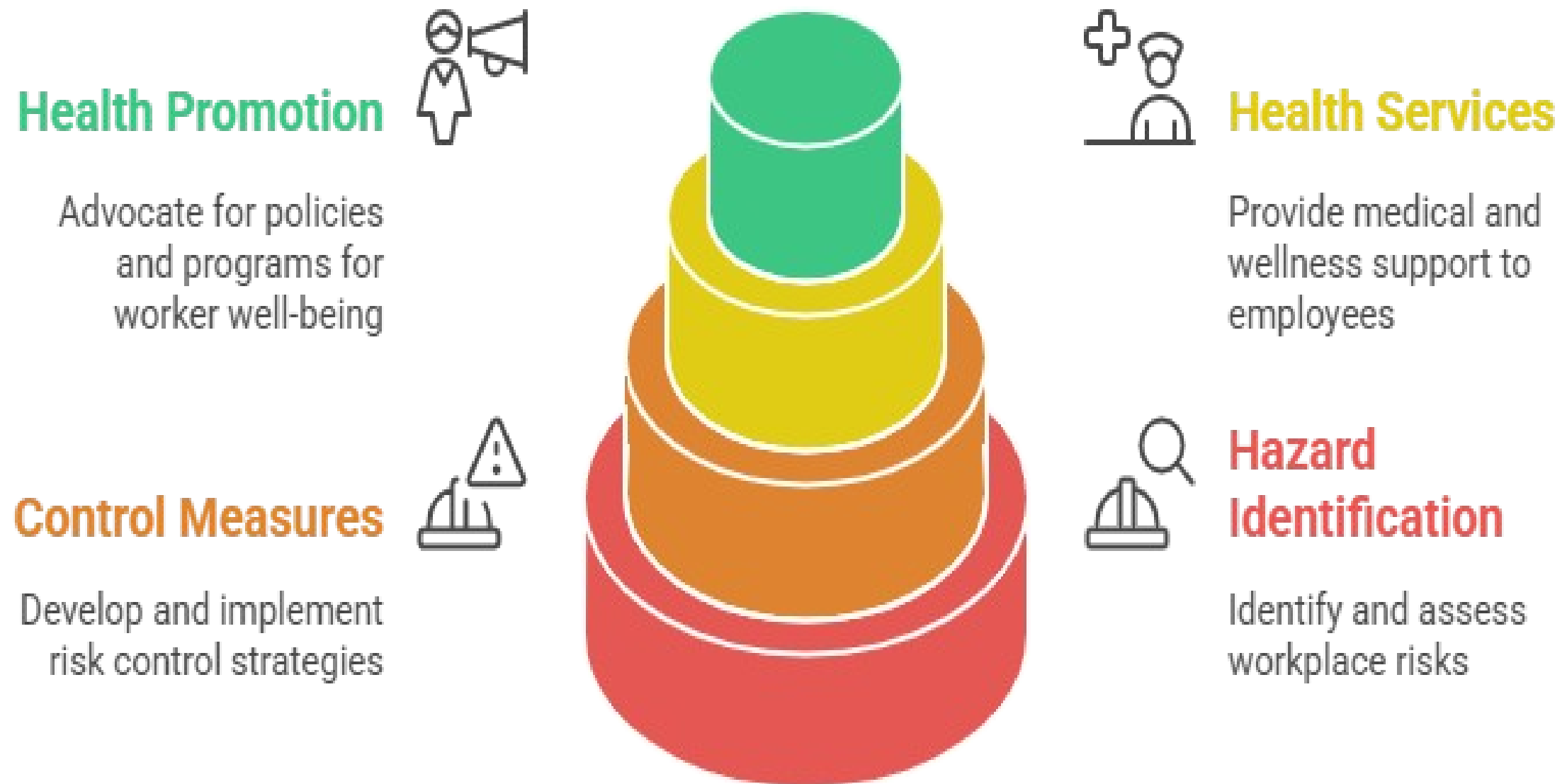
**PREPARED BY- Dr. K. P. BENOSEL PAUL., PT,  
ASSISTANT PROFESSOR,  
SNSCOPT.**

# Occupational health:



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# Occupational Health



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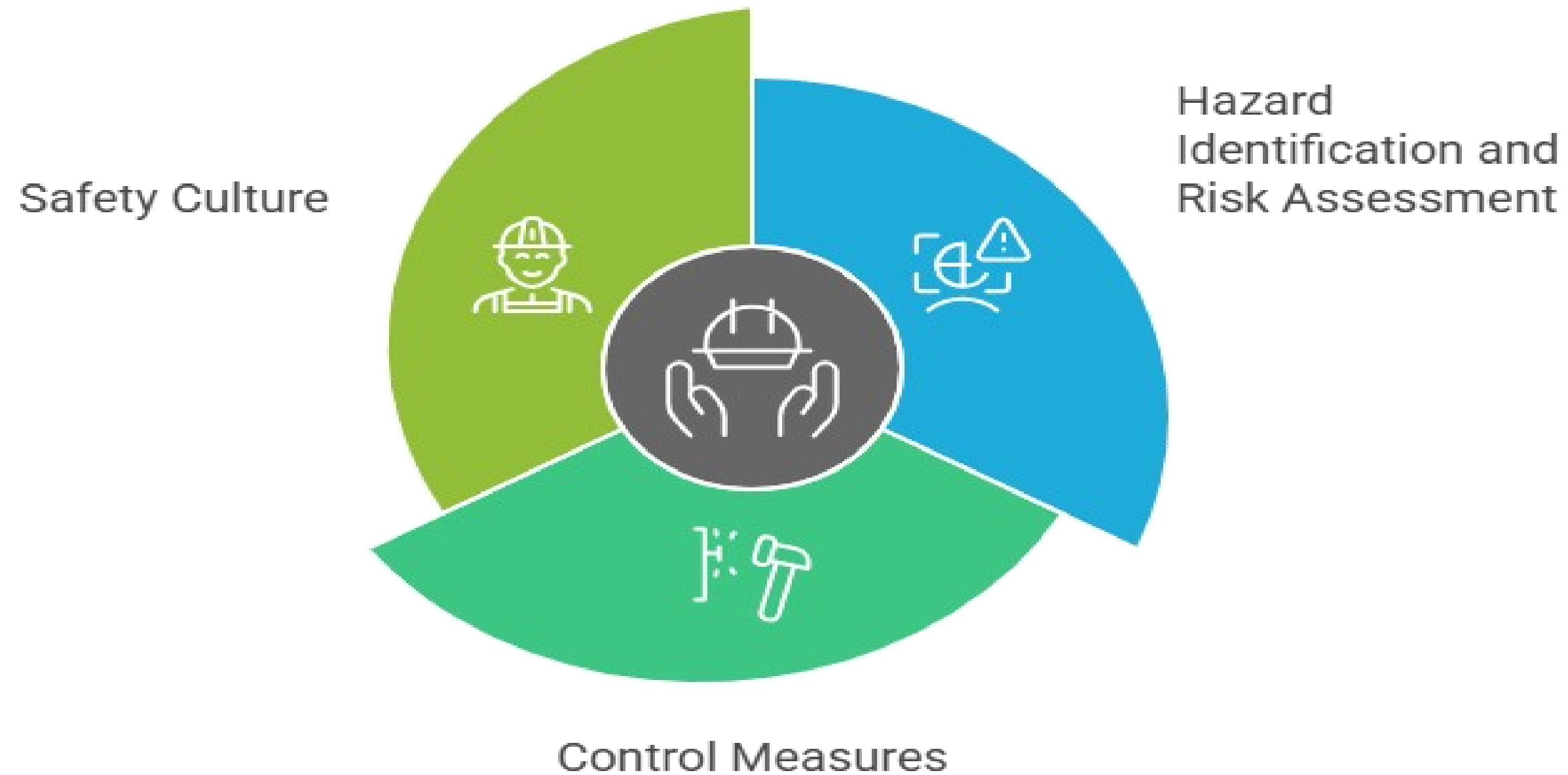
# Occupational Hazards:

An industrial worker may be exposed to five types of hazards, depending upon his occupation:

- (a) Physical hazards
- (b) Chemical hazards
- (c) Biological hazards
- (d) Mechanical hazards
- (e) Psychosocial hazards.

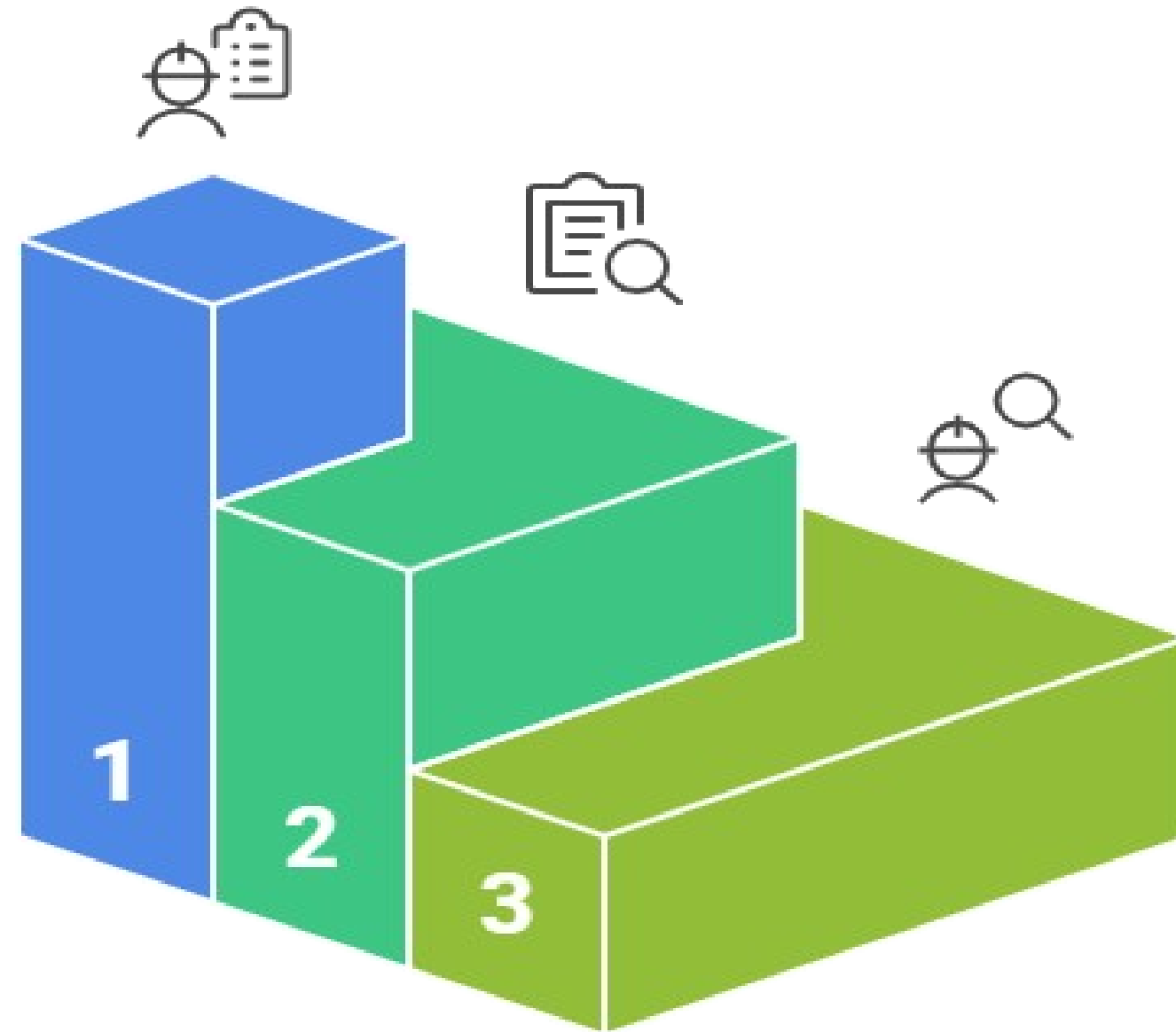


# Methods of Prevention of Occupational Hazards



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# Hazard Identification and Risk Assessment:



## Workplace Inspections

Regular checks to identify potential hazards

## Accident Reports Review

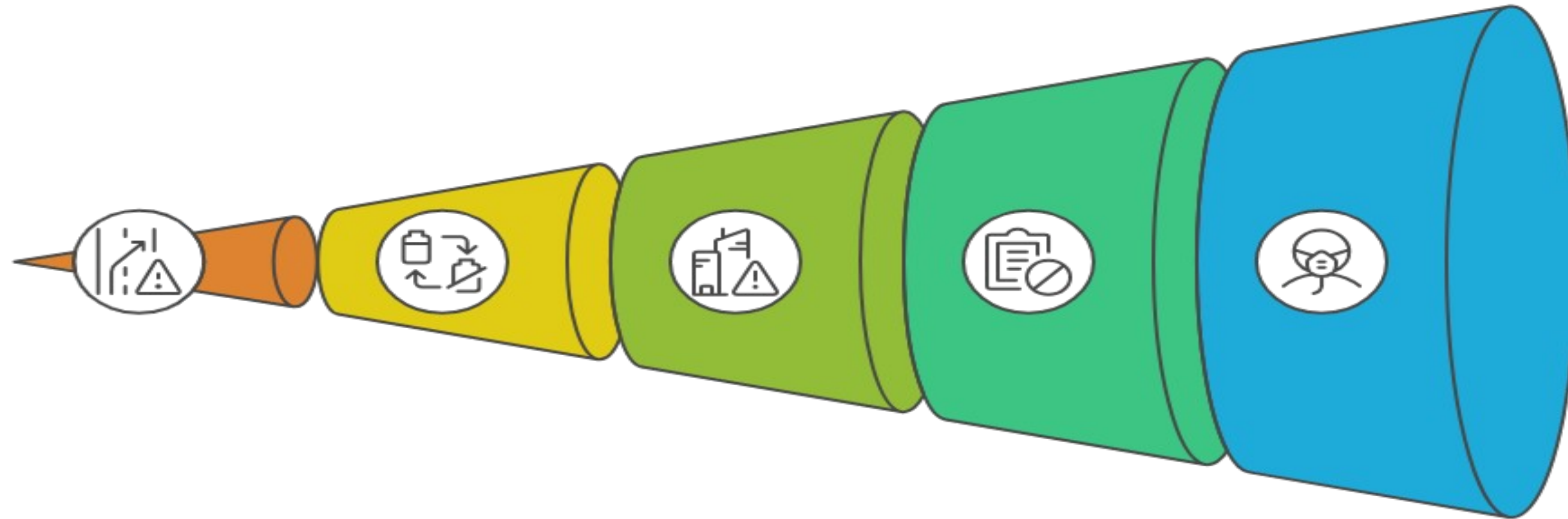
Analyzing reports to identify trends and patterns

## Job Hazard Analysis

Analyzing specific tasks to develop control measures

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# Hierarchy of Controls:



## Elimination

Removing the hazard entirely

## Substitution

Replacing with a less hazardous alternative

## Engineering Controls

Modifying the workplace to reduce exposure

## Administrative Controls

Implementing policies and training

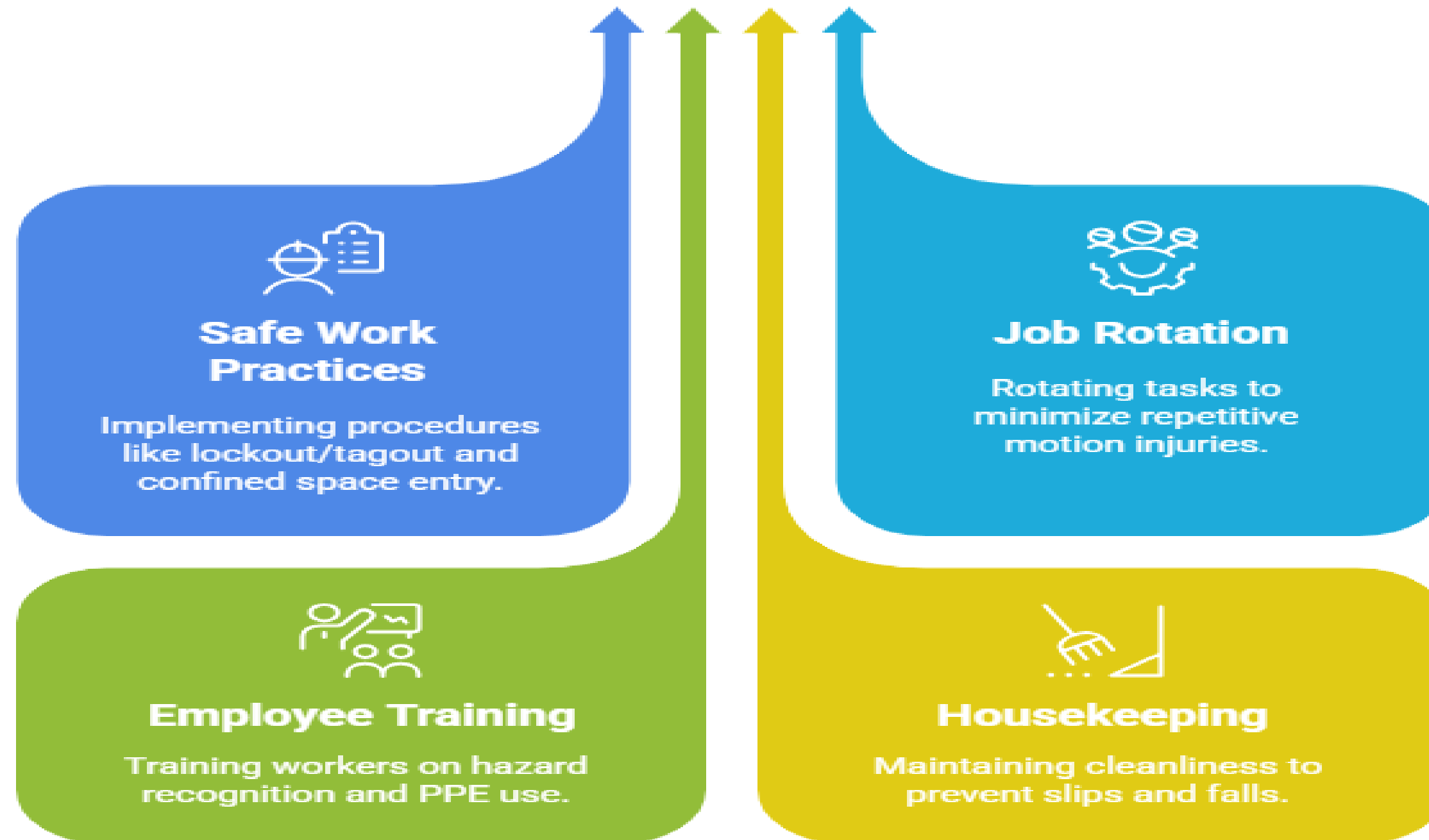
## Personal Protective Equipment

Using PPE as a last resort

# Engineering Controls:

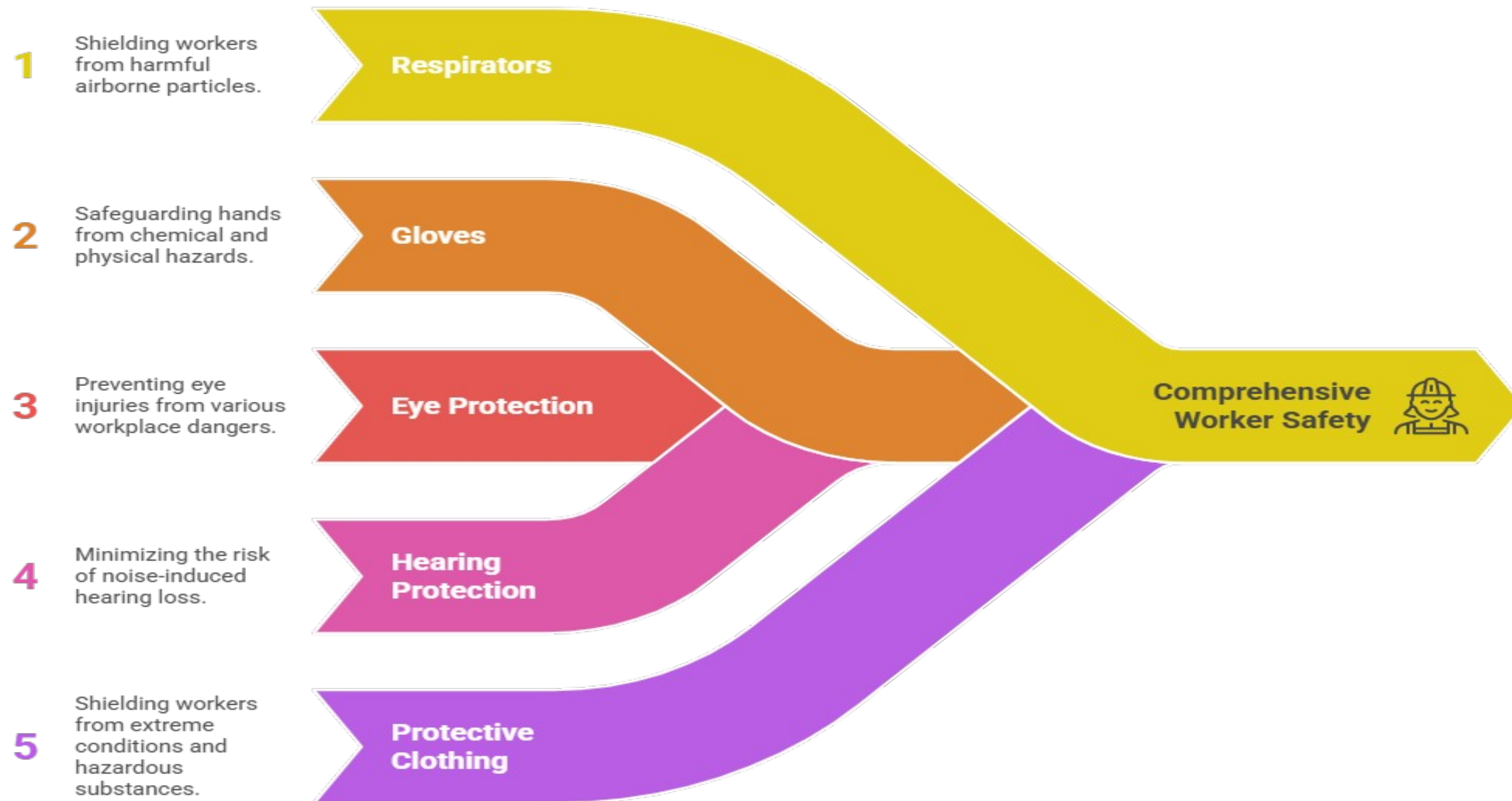


# Administrative Controls:



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# Personal Protective Equipment (PPE):



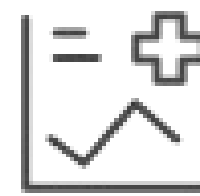
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# Health and Wellness Programs:



## Health Screenings

Early detection of diseases and preventive care



## Wellness Programs

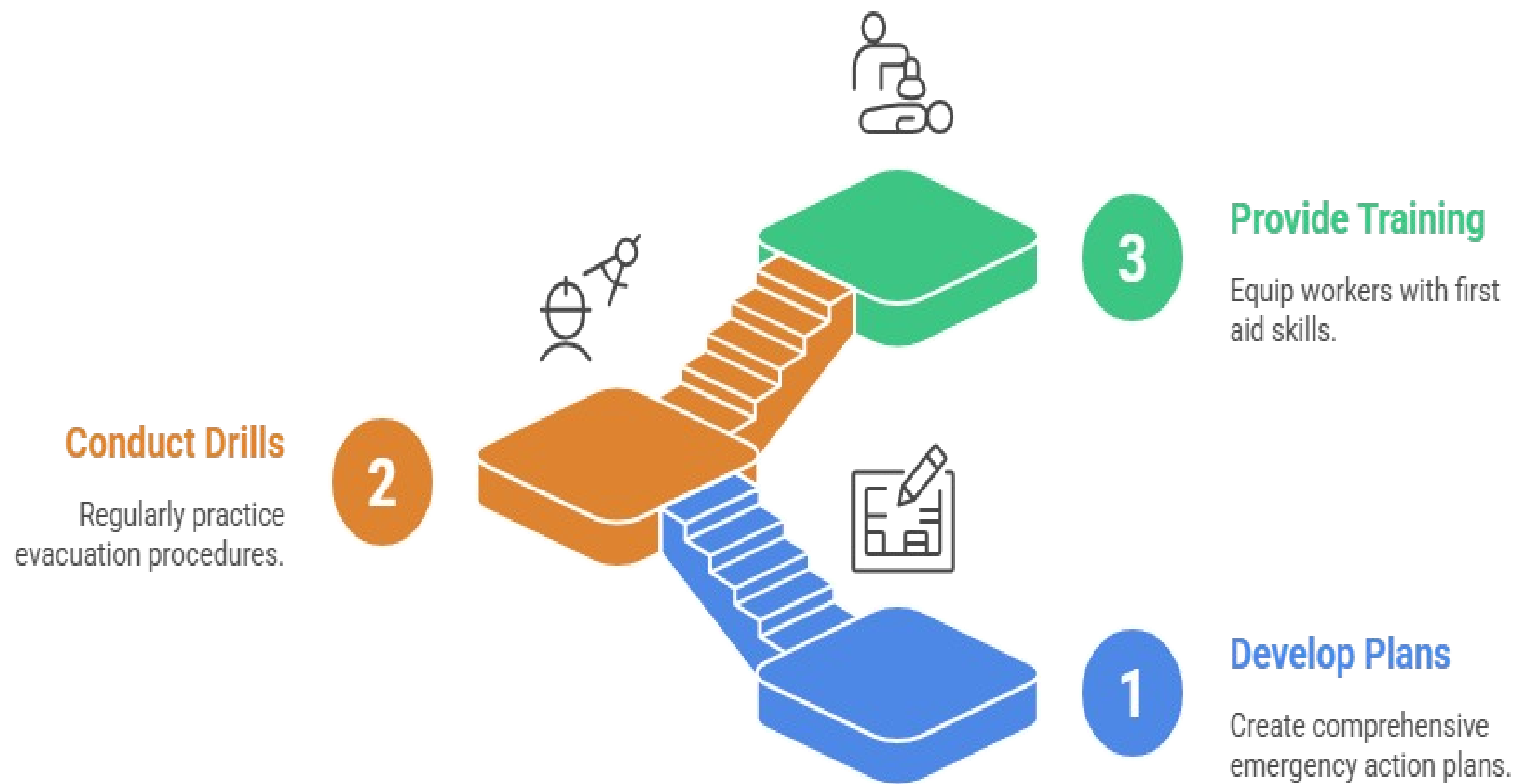
Promotion of healthy lifestyles and stress reduction



## Employee Assistance Programs (EAPs)

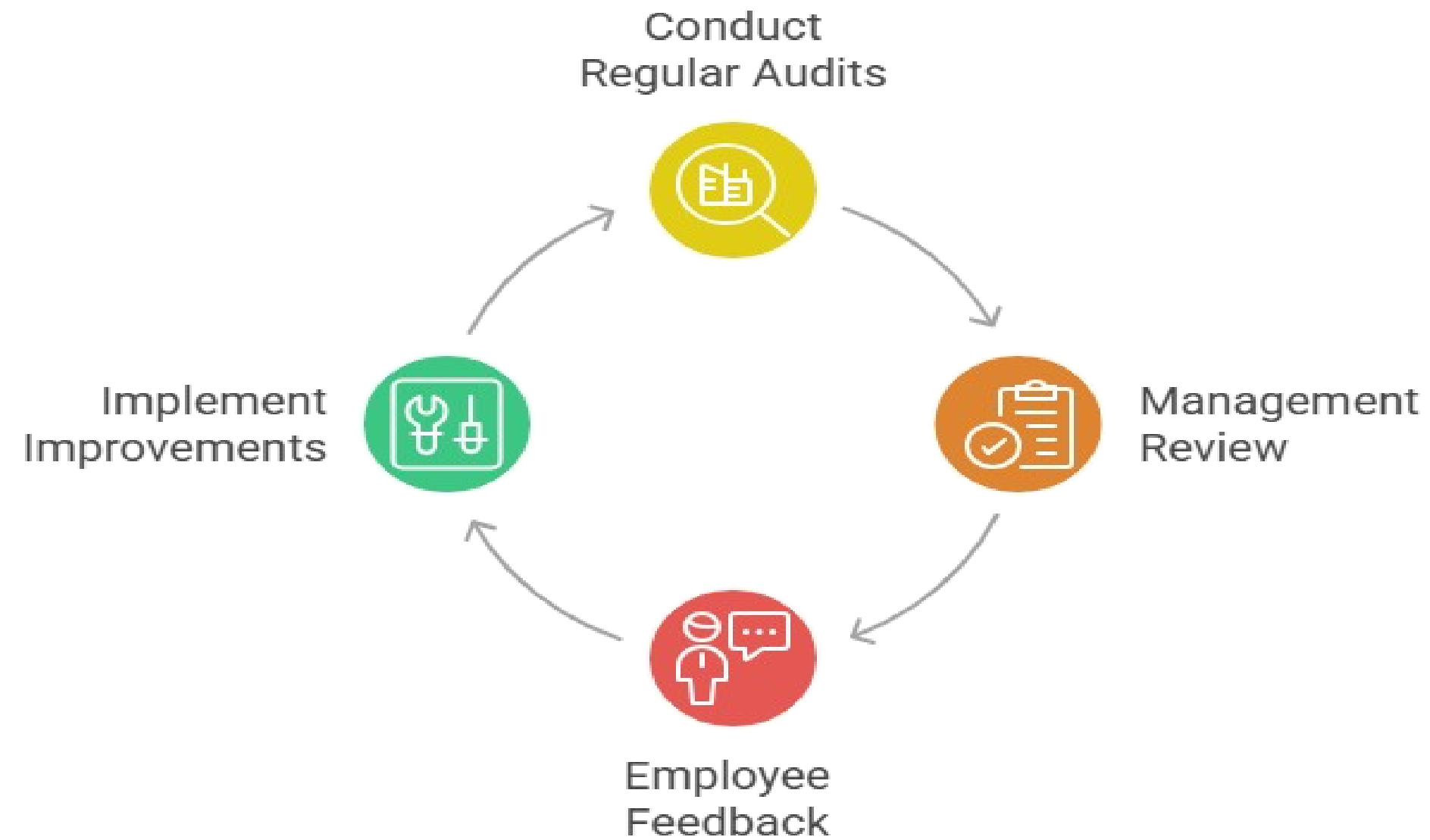
Support for personal problems affecting work performance

# Emergency Preparedness:



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# Continuous Improvement:



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# MCQ-



1. Occupational health mainly aims to:

A. Treat occupational diseases only

B. Promote and maintain the highest degree of physical, mental, and social well-being of workers

C. Provide compensation to injured workers

D. Improve industrial production

2. Which of the following is a physical hazard in the workplace?

A. Dust

B. Noise

C. Bacteria

D. Pesticides

# MCQ-



3. Pneumoconiosis is caused due to exposure to:

- A. Chemical vapors
- B. Infectious agents
- C. Dust particles
- D. Radiation

4. Which legislation in India deals with the health and safety of workers in factories?

- A. Workmen Compensation Act
- B. Employees State Insurance Act
- C. Factories Act
- D. Minimum Wages Act

# MCQ-



5. Ergonomics in occupational health primarily focuses on:
- A. Preventing infectious diseases
  - B. Improving nutrition of workers
  - C. Adapting work and workplace to the worker
  - D. Providing medical insurance

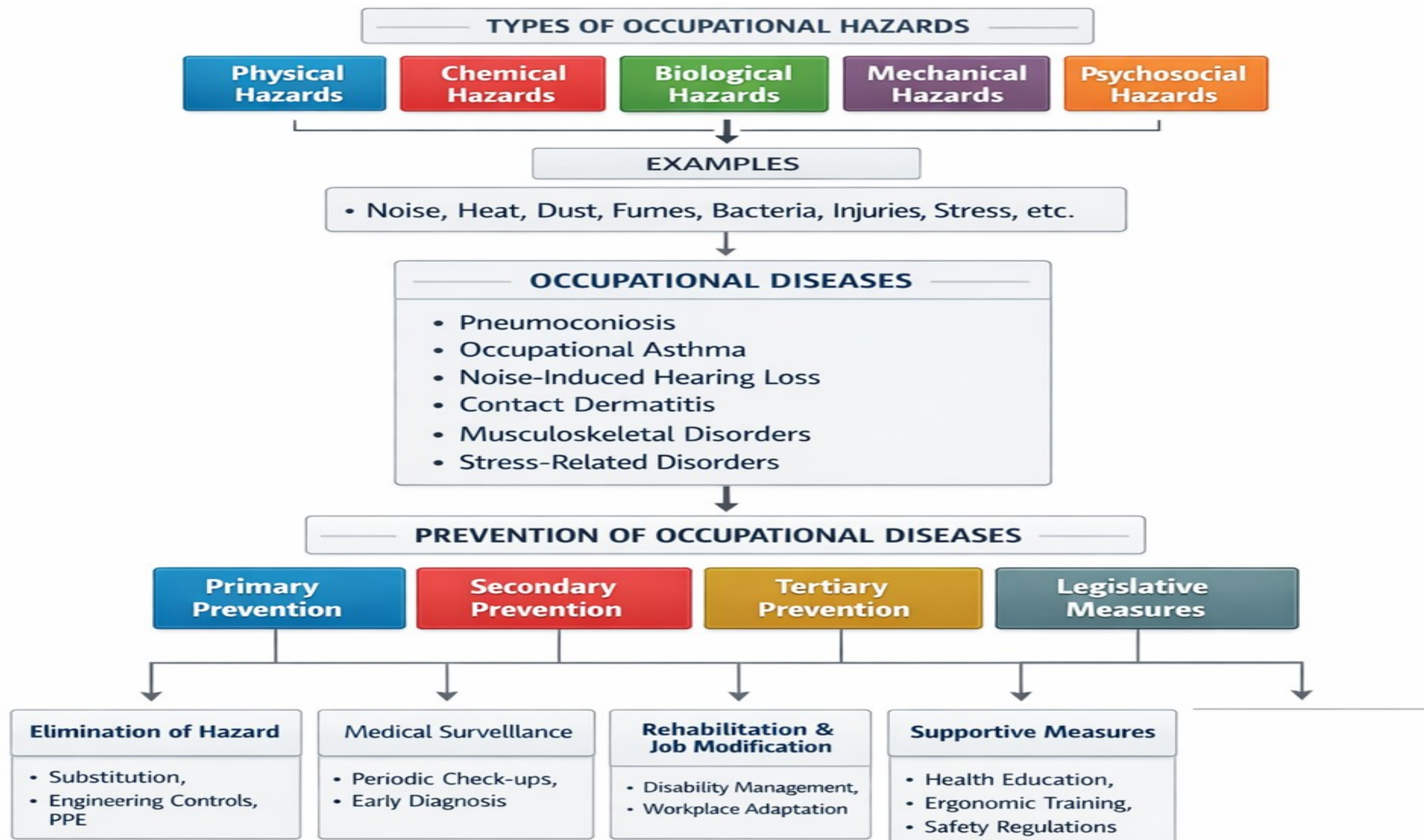
# MCQ-



Answer:

1. B
2. B
3. C
4. C
5. C

# SUMMARY



**THANK YOU**