



DEPARTMENT OF LIFELONG LEARNING

BHARATHIDASAN UNIVERSITY

Tiruchirappalli- 620024,

Tamil Nadu, India

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Unit-II
Safety

Dr. T. KUMUTHAVALLI

Associate Professor

Department of Lifelong Learning



A Comprehensive Approach to Safety

Welcome to this presentation on the essential aspects of workplace safety. Let's explore the principles, organizational structures, and strategies that are vital for building a safe and secure working environment.



Safety

Safety is a fundamental concern for individuals, organizations, and society as a whole. It encompasses the measures and practices taken to protect people, property, and the environment from potential harm or accidents. A comprehensive approach to safety is crucial in ensuring the well-being of all stakeholders and promoting a culture of proactive risk management.

Safety: Definition, Need, Nature, and Principles

Definition

Safety refers to the state of being protected from harm or danger, encompassing physical, psychological, and environmental well-being.

Need

Workplace safety is essential to protect workers from injuries, illnesses, and fatalities, ensuring their well-being and productivity.

Nature

Safety is a proactive and continuous process, involving identification, assessment, and mitigation of hazards.

Principles

Key principles include hazard identification, risk assessment, control measures, communication, training, and continuous improvement.

Organizing for Safety, Health, and Environment

Organizational Structure

Establishing a clear organizational structure with defined roles and responsibilities is crucial for effective safety management.

Responsibilities

All individuals in the organization have a responsibility to contribute to safety, from management to individual employees.

Functions

Functions include hazard identification, risk assessment, control measures, training, emergency preparedness, and performance monitoring.



Health and Environment Organization Structure

Management

The management team is responsible for setting the safety vision, policies, and strategies. They provide the necessary resources, support, and oversight to ensure the effective implementation of safety programs.

Safety Teams

Dedicated safety teams, such as the safety committee and safety coordinators, are responsible for developing, implementing, and monitoring safety initiatives. They act as the intermediaries between management and frontline employees.

Employee Responsibilities

All employees play a crucial role in maintaining a safe work environment. They are responsible for adhering to safety protocols, reporting hazards, and actively participating in safety-related activities and training programs.

Organization Structure, Functions, and Responsibilities



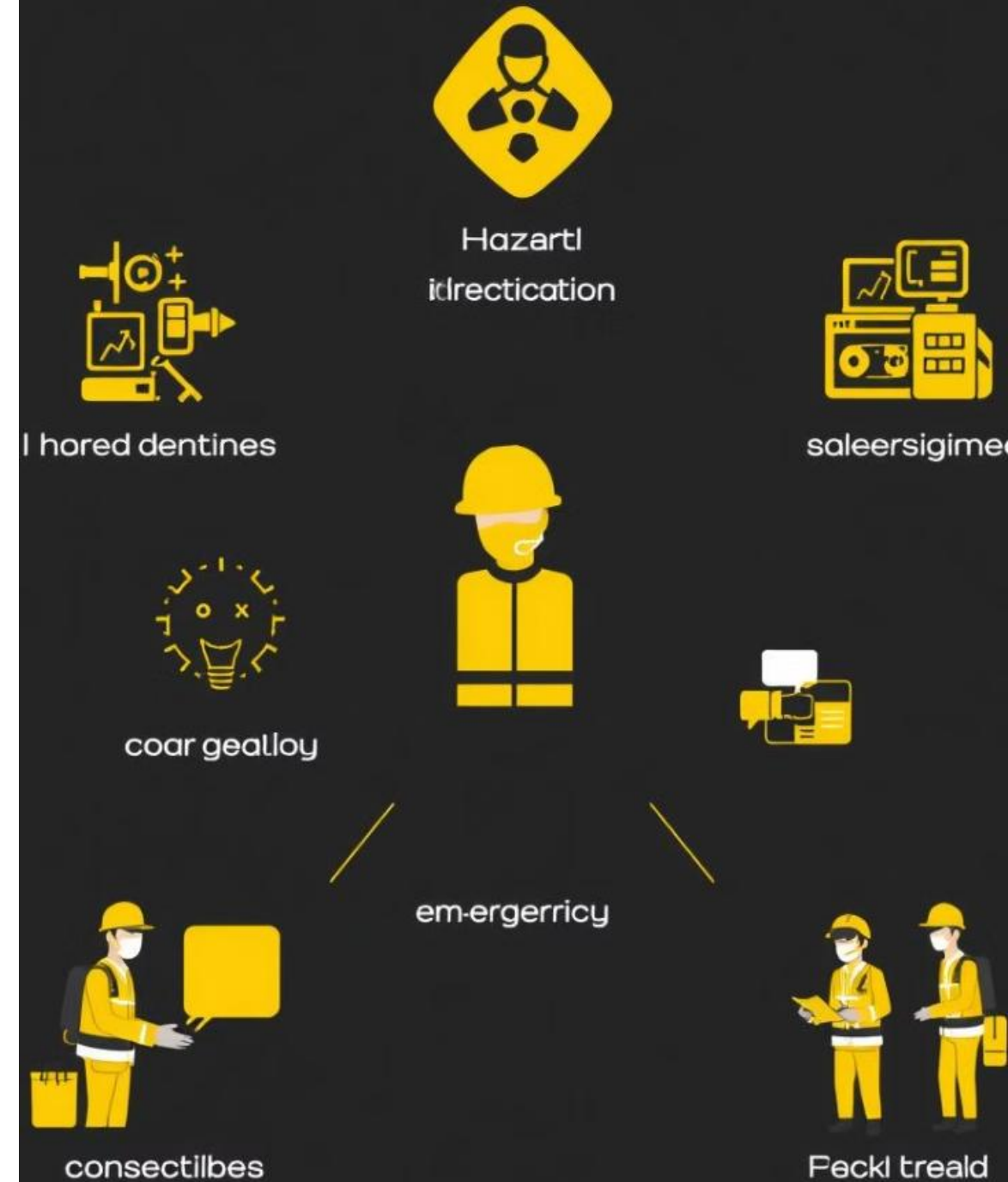
Functions and Responsibilities of Safety

- 1 Hazard Identification**

Proactively identifying potential hazards and risks in the workplace, such as physical, chemical, ergonomic, and psychosocial factors, to prioritize and address them effectively.
- 2 Risk Assessment**

Evaluating the likelihood and severity of identified hazards to determine appropriate control measures and mitigate potential incidents or accidents.
- 3 Safety Training**

Providing comprehensive training and education to employees on safety protocols, emergency procedures, and the proper use of personal protective equipment (PPE).





Safety Committee: Structure and Functions

Structure

The safety committee consists of representatives from various departments and levels of the organization, ensuring diverse perspectives.

Functions

Functions include reviewing safety policies and procedures, investigating accidents, recommending improvements, and promoting safety awareness.

Organization

Safety

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Safety Structure and Function



Policy

Establishing clear and comprehensive safety policies that outline the organization's commitment to safety, define roles and responsibilities, and provide a framework for implementation.



Organization

Defining the organizational structure, resources, and communication channels necessary to ensure effective safety management and stakeholder engagement.



Planning

Developing and implementing safety plans, procedures, and programs that address specific hazards and risks, as well as establishing performance indicators and targets.



Implementation

Executing the safety plans and initiatives, providing the necessary training, resources, and support to ensure consistent and effective implementation across the organization.



Hazard Identification and Risk Assessment



Identification

A systematic process to identify potential hazards in the workplace, including machinery, chemicals, work processes, and environmental factors.



Assessment

Evaluating the severity and likelihood of hazards, determining the level of risk, and prioritizing actions for mitigation.

Safety Training and Awareness

1

Initial Training

Mandatory training for new employees, covering basic safety procedures, hazards, and emergency response.

2

Refresher Training

Periodic training to update employees on new safety practices, regulations, and technologies.

3

Job-Specific Training

Training tailored to specific tasks and hazards associated with particular jobs or equipment.



Emergency Preparedness and Response

1

Emergency Plan

A detailed plan outlining procedures for responding to various emergencies, including evacuation, first aid, and communication protocols.

2

Training and Drills

Regular training and drills to familiarize employees with emergency procedures and ensure they know how to react effectively.

3

Emergency Equipment

Maintaining and readily accessible emergency equipment, such as fire extinguishers, first aid kits, and communication devices.





Incident Reporting and Investigation

1

Reporting

Prompt reporting of all incidents, near misses, and hazards, ensuring timely response and prevention.

2

Investigation

Thorough investigation of incidents to determine root causes, identify contributing factors, and implement corrective actions.

Safety Performance Monitoring and Improvement



Continuous monitoring of safety performance through data analysis, identifying areas for improvement, and implementing corrective actions.