**Bureau of Indian standards (BIS)**

**1-DAY TRAINING MODULE FOR STATE GOVERNMENT DEPARTMENT ON LABOUR SAFETY**

 **DATE: VENUE:**

**PROGRAMME SCHEDULE**

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| **SESSION NUMBER** | **SESSION TITLE AND DURATION** | **OBJECTIVE** | **SESSION TRANSACTION PLAN** | **EXPECTED OUTCOME****AND FOLLOW-UP RESOURCES** |
| SESSION 1 | **Session Title:**“Personal Protective Equipment”**Duration:**1 Hour 15 Minutes | **Objective:**To provide an in-depth understanding of the Personal Protective Equipment and engagement of participants on existing standards with Q/A sessions and receiving feedback on further areas to be explored for standardization.  | **Session Breakdown****1. Introduction (15 minutes)**1. **Objective**: Set the stage for understanding the session's importance.
2. **Content**:
	* Key components for maintaining safety in the workplace
3. **Methodology**: Presentation with key highlights.

**2. Overview of Personal Protective Equipment and related Indian Standard (1 hour)*** **Objective**: Familiarize participants with Indian standard on Personal Protective Equipment.
* **Content**:
	+ **Indian Standard on:**

Head protection, Foot and Leg protection, Eyes and Ear protection, face protection, body protection, and respiratory protection * **Methodology**: Lecture with visual aids.
 | **Expected Outcomes:*** Participants will have a clear understanding of the Personal Protective Equipment.
* Enhanced knowledge of the roles and responsibilities of administrative bodies in ensuring the worker safety.

***Follow-up Resources:**** Access to Indian

Standards. * Contact information

for further queries or guidance.  |
| SESSION 2 | **Session Title:**“Guide for Selection for Personal Protective Equipments”**Duration:**1 hour 30 minutes | **Objective:*** To provide information on PPE appropiate to specific job roles and risks.
* To safeguard workers from physical, chemical, biological, and radiological hazards that could lead to injury or illness.

. | **Session Breakdown**1. Selection of Industrial Safety Equipment for Protection of Foot and Leg **(15 minutes)*** **Objective:** To guide workers and those in charge of their safety in industrial operations in selecting appropriate protective equipment for foot and leg
* **Content:** List of appropriate PPE with Indian Standards to prevent various type of hazards
* **Methodology:** Presentation with an overview of session objectives and key terms.

2. Selection of Occupational Protective Clothing — Body Protection **(15 minutes)*** **Objective:** To guide workers and those in charge of their safety in industrial operations in selecting apprpriate protective equipment for body protection.
* **Content:** List of appropriate PPE with Indian Standards to prevent various type of hazards
* **Methodology:** Presentation with an overview of session objectives and key terms.

3. Selection of industrial safety equipment for protection of arms and **hands (15 minutes)*** **Objective:** To guide workers and those in charge of their safety in industrial operations in selecting appropriate protective equipment for arms and hands
* **Content:** List of appropriate PPE with Indian Standards to prevent various type of hazards
* **Methodology:** Presentation with an overview of session objectives and key terms.

4. Selection of industrial safety equipment for protection of Eyes and face **(15 minutes)*** **Objective:** To guide workers and those in charge of their safety in industrial operations in selecting appropriate protective equipment for Eye and face
* **Content:** List of appropriate PPE with Indian Standards to prevent various type of hazards
* **Methodology:** Presentation with an overview of session objectives and key terms.

5. Selection, use and maintenance of respiratory protective devices **(15 minutes)*** **Objective:** To guide workers and those in charge of their safety in industrial operations in selecting appropriate protective equipment for respiratory protection.
* **Content:** List of appropriate PPE with Indian Standards to prevent various type of hazards
* **Methodology:** Presentation with an overview of session objectives and key terms.

6. Selection of PPE for waste handling **(15 minutes)*** **Objective:** To guide workers and those in charge of their safety in industrial operations in selection of appropriate PPE for waste handling.
* **Content:** List of appropriate PPE with Indian Standards to prevent various type of hazards
* **Methodology:** Presentation with an overview of session objectives and key terms.
 | **Expected Outcomes:*** Participants will gain a comprehensive understanding of the guidelines for selecting appropriate Personal Protective Equipment (PPE).
* Participants will be able to identify and provide appropriate PPE tailored to specific job roles and associated risks, ensuring suitability and effectiveness.

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| SESSION 3 | **Session Title:**Construction Safety**Duration:**1 hour   | **Objective:** To provide appropriate PPE for various activities involved in construction sector for ensuring safety of worker  | **Session Breakdown**1. **Overview of Safety Guidelines during various construction activities (30 minutes)**
* **Objective:** Familiarize participants with the various safety codes.
* **Content:** Construction activity vis a vis the various safety codes.
* **Methodology:** Lecture with visual aids.
1. **Fall arrest System ( IS 3521 series) (30 min)**
	* **Objective:** To protect persons from injury by arresting the fall in the event of the user losing his/her balance or support and falling from the place of working either at an elevation or in closed locations or containers
	* **Content:** List of appropriate fall arrest systems to prevent various type of activities
	* **Methodology:** Presentation with an overview of session objectives and key terms.
 | **Expected Outcomes:**Important outcomes include reduced accidents, legal compliance, safer work environments, improved worker health, enhanced productivity, and a proactive safety culture, leading to overall project success.***Follow-up Resources:**** Access to Indian

Standards. * Contact information for further queries or guidance.
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| SESSION 4 | **Session Title:**Safety Colours and Safety Signs & Accident Prevention Tags**Duration:**30 Minutes | **Objective:*** To convey safety information without the use of words.
* To prevent confusion and reduce the risk of accidents.
 | **Session Breakdown** * Safety Colours and Safety Signs & Accident Prevention Tags — (20 mins )

**Objectives:** To convey safety information with the use of signs/symbol and to prevent confusion and reduce the risk of accidents.**Content:** General Meaning of Geometric Shapes, Safety Colours and Contrast Colours* Transportation of Dangerous Goods – Guidelines — (10 mins)

**Objectives:** To convey safety information without the use of words and to prevent confusion and reduce the risk of accidents.**Content:**  Guidelines for all the stakeholders including good vehicle owners/transportagencies, contractors, consignors, consignees, operators and drivers carrying dangerous goods/substances for thesafe transportation of dangerous goods.* **Methodology:** Presentation with an overview of session objectives and key terms.
 | **Expected Outcomes:*** Reduces confusion and potential accidents caused by inconsistent safety communication systems.
* Facilitates effective dissemination of safety information through standardized visuals.
* Addresses safety needs arising from increased international trade, travel, and multilingual workforces.

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| SESSION 5 | **Session Title:**Occupational Health and Safety Management Systems — Requirements with Guidance for Use as per IS/ISO 45001:2018**Duration:**1 hour  | **Objective:*** To enable an organization to provide safe and healthy workplaces, prevent work-related injury and ill health, and continually improve its OH&S performance
 | **Session Breakdown** * **Objectives:** To provide information on how an organization can provide safe and healthy workplaces, prevent work-related injury and ill health, and continually improve its OH&S performance

**Content:**  * Context of the organization
* Leadership and worker participation
* Planning
* Support
* Operation
* Performance evaluation
* Improvement

**Methodology:** Presentation with an overview of session objectives and key terms. | **Expected Outcomes:**Key outcomes include preventing injuries, ensuring safe workplaces, promoting continuous OH&S improvement, enhancing productivity, maintaining legal compliance, and fostering a healthier, more efficient workforce.***Follow-up Resources:**** Access to Indian

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