

Topic: Workshop Safety (II)

Sub-topics:

1. Safety Rules and Regulations in the Workshop
 2. Safety Devices in the Workshop
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Lesson Objectives

By the end of this lesson, students should be able to:

- State the safety rules and regulations in a workshop.
 - Identify common safety devices found in the workshop.
 - Explain the uses of safety devices.
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Introduction

Workshop safety is not just about being careful — it involves following **rules** and using the right **devices** to protect yourself and others.

Safety rules ensure a clean, orderly, and injury-free environment, while safety devices help prevent or control accidents.

1. Safety Rules and Regulations in the Workshop

General Safety Rules:

1. **No playing or running** inside the workshop.
2. Always wear appropriate **protective clothing** (e.g., apron, goggles, gloves).
3. **Do not touch machines** unless you have been trained or instructed to.
4. **Report any damaged tools** or machines to the teacher immediately.
5. Keep all tools **clean and stored properly** after use.
6. **Clean up spills** quickly to prevent slipping.
7. Ensure good **lighting and ventilation** in the workshop.

8. Keep **bags and personal items** out of the working area.
9. Always **switch off machines** after use.
10. Do not wear **loose clothing, neckties, or jewelry** — they can get caught in machines.

⚠️ *Safety rules must be obeyed at all times to avoid injuries or damage to equipment.*

2. Safety Devices in the Workshop

Safety devices are tools or equipment designed to protect users from hazards.

 **Common Safety Devices Include:**

| Device | Description & Use |
|-------------------------------|---|
| Goggles/Safety Glasses | Protect the eyes from flying particles, sparks, or chemicals. |
| Hand Gloves | Protect the hands when handling hot, sharp, or rough materials. |
| Aprons | Protect the body and clothes from dirt, sparks, or chemicals. |
| Ear Muffs/Plugs | Reduce the impact of loud noises from machines. |
| Nose Masks/Respirators | Prevent inhalation of dust, smoke, or harmful gases. |
| Safety Helmets | Protect the head from falling objects. |
| Fire Extinguisher | Used to put out small fires in emergencies. |
| Warning Signs/Posters | Remind users of safety rules and alert them to potential dangers. |
| First Aid Box | Contains basic medical supplies for treating minor injuries. |

Importance of Safety Devices

- They **prevent accidents** and reduce injuries.
- They **increase confidence** and allow work to be done safely.
- They **protect the body** from direct contact with dangerous substances or machines.
- They help control **emergency situations** (e.g., fire).

