

# Safety Trivia Question Bank by Industry

Question bank from [MEM Mutual Insurance Company](#). For a step-by-step guide to implementing workplace safety trivia in your company, visit [Safety Trivia Games: How to Boost Employee Engagement](#).

## How to use this question bank:

- Select questions relevant to your industry and workplace
- Adapt language and scenarios to match your specific environment
- Mix difficulty levels to keep all employees engaged
- Use as standalone trivia games or integrate into existing training programs

These questions are a starting point for you to develop your own safety trivia games. Always check the accuracy of this information with your specific industry and company safety guidelines, as guidelines and best practices can change over time.

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## General Workplace Safety (25 Questions)

### What does PPE stand for?

Personal Protective Equipment

### How many points of contact should you maintain when climbing a ladder?

Three points of contact

### What is the first thing you should do in case of a workplace fire?

Alert others and evacuate immediately

### What is the recommended maximum weight to lift manually without mechanical assistance?

50 pounds (per OSHA guidelines)

### What does SDS stand for in workplace safety?

Safety Data Sheet

### At what height does OSHA require fall protection in general industry?

4 feet

### What is the minimum clearance distance from overhead power lines?

10 feet

**Who is responsible for workplace safety?**

Everyone - employers and employees

**What should you do before operating new machinery?**

Read the instruction manual and receive proper training

**What does LOTO stand for?**

Lockout/Tagout

**How often should emergency evacuation drills be conducted?**

At least annually, or per company policy

**What is ergonomics?**

The science of designing work environments to fit the worker

**What color typically indicates danger on safety signs?**

Red

**How long should you wash your hands to prevent illness transmission?**

At least 20 seconds

**What is a near miss?**

An incident that could have resulted in injury but didn't

**What should you do if you witness unsafe behavior?**

Report it to a supervisor immediately

**What is the proper way to store flammable liquids?**

In approved containers in designated areas away from heat sources

**When should you report a workplace injury?**

Immediately, regardless of severity

**What does the acronym PASS stand for when using a fire extinguisher?**

Pull, Aim, Squeeze, Sweep

**What is the leading cause of workplace fatalities?**

Falls

**When is it acceptable to remove safety guards from equipment?**

Never - safety guards should never be removed

**What should you check before using a power tool?**

That it's in good working condition and appropriate for the task

**How often should safety equipment be inspected?**

According to manufacturer guidelines and company policy

**What is the correct lifting technique?**

Lift with your legs, keep your back straight, hold objects close to your body

**When should you wear hearing protection?**

When noise levels exceed 85 decibels or as required by policy

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## Construction Safety (20 Questions)

**At what height is fall protection required in construction?**

6 feet

**What is the minimum width for scaffolding platforms?**

18 inches

**How far should you stay away from the edge of an excavation?**

At least 2 feet

**What type of helmet is required on construction sites?**

Hard hat that meets ANSI standards

**When must safety nets be installed?**

When workers are more than 25 feet above the ground

**What is the maximum slope for walkways without requiring steps?**

1:20 (5%)

**How often should ladders be inspected?**

Before each use

**What is required when working around electrical hazards?**

De-energize circuits and use proper PPE

**What should you do if you discover asbestos-containing materials?**

Stop work and notify supervisor immediately

**How close can you work to overhead power lines with equipment?**

10 feet minimum

**What is the purpose of a competent person on a construction site?**

To identify and correct safety hazards

**When is a full-body harness required?**

When working at heights above 6 feet

**What is the maximum height for a straight ladder without bracing?**

3 times the distance from the base to the wall

**How should tools be carried when climbing a ladder?**

In a tool belt or hauled up separately

**What is the minimum depth for guardrails on scaffolding?**

42 inches high with mid-rails at 21 inches

**When must hearing protection be provided?**

When noise exposure exceeds 85 decibels over an 8-hour period

**What is the required clearance around electrical panels?**

3 feet of working space

**How should excavated soil be stored?**

At least 2 feet from the edge of the excavation

**What is required before entering a confined space in construction?**

Atmospheric testing and proper ventilation

**When must a safety monitor be used?**

During roofing work when other fall protection isn't feasible

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## **Manufacturing Safety (15 Questions)**

**What is the primary purpose of machine guarding?**

To protect workers from moving parts and flying debris

**When should you perform lockout/tagout procedures?**

Before any maintenance, cleaning, or repair work on equipment

**What is the maximum noise level allowed without hearing protection?**

85 decibels over an 8-hour period

**How should chemicals be stored in a manufacturing facility?**

In properly labeled containers, separated by compatibility

**What is required when working with hazardous chemicals?**

Safety Data Sheets must be readily available

**When should emergency showers and eyewash stations be used?**

Immediately after exposure to hazardous chemicals

**What is the purpose of ventilation systems in manufacturing?**

To remove harmful contaminants from the air

**How often should conveyor belts be inspected?**

Daily, or before each shift

**What should you do if a machine guard is damaged?**

Tag out the machine and report it immediately

**When is respiratory protection required?**

When engineering controls cannot reduce exposure to safe levels

**What is the correct way to handle compressed gas cylinders?**

Keep upright, secured, and caps on when not in use

**How should spills of hazardous materials be handled?**

Following the facility's spill response procedures

**What is required when using forklifts in manufacturing?**

Proper training, certification, and daily inspection

**When should safety relief valves be tested?**

According to manufacturer specifications and regulatory requirements

**What is the purpose of a hot work permit?**

To ensure proper safety measures for welding, cutting, or other hot work

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## Healthcare Safety (15 Questions)

**What is the most important step in preventing healthcare-associated infections?**

Proper hand hygiene

**How should contaminated needles be disposed of?**

In rigid, puncture-resistant sharps containers

**When should personal protective equipment be changed?**

Between patients and when contaminated

**What does bloodborne pathogen training cover?**

Methods of transmission, protection, and exposure response

**How should biological waste be handled?**

Using appropriate containers, labeling, and disposal methods

**When is respiratory protection required in healthcare?**

When treating patients with airborne infectious diseases

**What is the correct procedure for cleaning up a blood spill?**

Use appropriate PPE and EPA-approved disinfectant

**How should patients be transferred safely?**

Using proper body mechanics and transfer equipment

**When should safety devices on medical equipment be activated?**

Immediately after use, before disposal

**What is required when handling chemotherapy drugs?**

Specialized training and appropriate protective equipment

**How should compressed gas be stored in healthcare facilities?**

Upright, secured, and separated by type

**When should isolation precautions be implemented?**

Based on the patient's diagnosis and transmission risk

**What is the purpose of ergonomic assessments in healthcare?**

To prevent musculoskeletal injuries from patient handling

**How should workplace violence be prevented in healthcare?**

Through environmental design, policies, and staff training

**When should incident reporting occur?**

Immediately following any patient safety event or near miss

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## Office/Administrative Safety (10 Questions)

**What is the most common cause of office injuries?**

Slips, trips, and falls

**How should heavy boxes be stored in an office environment?**

On lower shelves to prevent falling and back injuries

**What is proper computer workstation ergonomics?**

Monitor at eye level, feet flat on floor, wrists straight

**When should electrical cords be replaced?**

When frayed, damaged, or showing wear

**How should filing cabinet drawers be opened?**

One drawer at a time, starting with the bottom drawer

**What is the maximum height for stacking materials in an office?**

No higher than eye level for easy access

**How should scissors and other sharp tools be stored?**

In designated areas with blades covered or pointed down

**When should evacuation routes be reviewed?**

Regularly and whenever office layout changes

**What is required for proper lifting in an office setting?**

Use proper technique and get help for heavy items

**How should visitors be managed for security purposes?**

Check in at reception and wear identification badges

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