

08. FIRE SAFETY

PREVENT FIRE. PROTECT LIFE. PROTECT PROPERTY.



**CORPORATE SAFETY
TRAINING & CONSULTING**

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WHY THIS MATTERS

Fire can start in seconds and spread in minutes. It can destroy lives, cause injuries, damage property, and disrupt operations.

Most fires are preventable. By being aware of fire hazards and following simple precautions, we can keep our workplace safe.

Fire safety is everyone's responsibility.



IN CASE OF FIRE

- RAISE THE ALARM**
- EVACUATE**
- ASSEMBLE AT ASSEMBLY POINT**
- DO NOT USE LIFTS**

**SAFETY FIRST,
ALWAYS FIRST.**

COMMON FIRE HAZARDS

- IGNITION SOURCES**
Open flames, sparks, hot surfaces, smoking, electrical faults.
- FLAMMABLE MATERIALS**
Solvents, paints, fuels, gases, paper, wood, dust.
- ELECTRICAL HAZARDS**
Overloaded sockets, damaged wiring, improper use of equipment.
- POOR HOUSEKEEPING**
Accumulation of waste, spills, clutter blocking exits.
- HOT WORK ACTIVITIES**
Welding, cutting, grinding without precautions.

HOW TO USE A FIRE EXTINGUISHER – PASS METHOD

P PULL	A AIM	S SQUEEZE	S SWEEP
Pull the pin to break the seal.	Aim at the base of the fire from a safe distance.	Squeeze the handle to release the extinguishing agent.	Sweep from side to side at the base of the fire until it is out.

TYPES OF FIRE EXTINGUISHERS

- WATER**
For Class A fires (Wood, Paper, Cloth)
- FOAM**
For Class A & B fires (Flammable Liquids)
- CO₂**
For Class B & Electrical fires (Flammable Liquids, Electrical Equipment)
- DRY POWDER**
For Class A, B & C fires (General Purpose)

DO'S – FOLLOW THESE

- ✓ Keep fire exits and access routes clear at all times.
- ✓ Know the location of fire alarms and extinguishers.
- ✓ Report any fire hazard immediately.
- ✓ Use electrical equipment safely and properly.
- ✓ Store flammable materials in approved containers.
- ✓ Switch off and isolate equipment when not in use.
- ✓ Participate in fire drills and training.



DON'TS – AVOID THESE

- ✗ Do not smoke in non-designated areas.
- ✗ Do not block fire exits or fire equipment.
- ✗ Do not overload electrical sockets.
- ✗ Do not leave equipment unattended when in use.
- ✗ Do not store flammable materials near heat sources.
- ✗ Do not panic during a fire.
- ✗ Do not use lifts during fire emergencies.



EMERGENCY NUMBERS

- FIRE BRIGADE : 101**
- AMBULANCE : 102**
- POLICE : 100**

Know your site emergency numbers and save them. Be prepared. Be safe.



DISCUSSION QUESTIONS

1. What are the potential fire hazards in our work area?
2. Where are the fire extinguishers and alarms located?
3. What should you do if you discover a fire?
4. When was the last fire drill conducted?



KEY TAKEAWAY

PREVENTION TODAY, PROTECTION TOMORROW.

- ✓ Be aware of fire hazards.
- ✓ Follow safety rules.
- ✓ Act quickly in an emergency.
- ✓ Know your escape routes.
- ✓ Protect lives and property.



A SAFE TEAM IS A PREPARED TEAM.

REAL-LIFE EXAMPLE

A small electrical short circuit ignited a fire in a storeroom due to stored flammable materials and blocked access to the extinguisher. The fire spread quickly causing damage and injury.

Regular inspections, good housekeeping and awareness could have prevented this. Don't let it happen here.



SUPERVISOR SIGN-OFF

Discussed with crew by: _____ Date: _____



SAFETY MESSAGE

Fire safety is everyone's responsibility. Your actions can save lives.



safe workplace, safer workforce