

BURN HAZARDS & PREVENTION

Burns are a common workplace hazard. Burns can occur in various ways, not just from touching something hot.

Knowing the three main types of burn injuries can help you avoid and even prevent them and ensure the proper response in an emergency. Being aware and cautious can significantly reduce the risk of burn injuries and help you can navigate safely to avoid potential hazards!

KNOW THE THREE TYPES OF BURNS AND HOW TO PREVENT THEM:

- 3 TYPES OF BURNS
- BURN PREVENTION





TYPES OF BURNS:

- 1. Thermal Burns:** are caused when there is contact with hot surfaces, fire, hot liquids, or explosions. Sunburn is also a thermal burn.
- 2. Chemical Burns:** are caused when skin or eyes contact with strong acids, corrosives, caustics, or alkaloids.
- 3. Electrical Burns:** are occur when an electrical current passes through the body, causing internal and external burns.

BURN PREVENTION:

FOR THERMAL BURNS

- Eliminate heat sources when possible, use guards,
- Wear appropriate PPE such as gloves and protective clothing.

FOR CHEMICAL BURNS

- Avoid using dangerous chemicals
- Wear chemical-resistant PPE such as chemical resistant aprons and gloves, face shields and goggles
- Block access to areas where hazardous chemicals are used
- Equip the worksite with emergency showers and/or eyewash stations that are easily accessible if there is a potential for exposure to a hazardous chemical.

FOR ELECTRICAL BURNS

- Identify and avoid underground and overhead powerlines.
- Inspect all tools for defects in insulation as well as missing ground prongs.
- Properly repair or discard any compromised cords.
- Do not operate electrical tools in moist or wet environments.
- Always properly lock and tag out equipment before performing your work on them.
- For maximum electrical safety, wear PPE that protects you from electrical currents.
- Only qualified electricians should be working on electrical equipment.

BURN PREVENTION IS OUR BEST PROTECTION

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