

BURNS



Company Name:	
Job Name:	
Date:	

Key Points

1. **Burns on construction sites** are caused by exposure to heat, chemicals, and electrical components.
2. **Chemical burns** can occur from contact with substances like wet cement, adhesives, and solvents.
3. **Thermal burns** happen during welding, working near open flames, or handling hot machinery.
4. **Electrical burns** are caused by contact with live wires or faulty electrical equipment.
5. **Proper personal protective equipment (PPE)** like gloves, goggles, and flame-resistant clothing reduces burn risks.
6. **First-aid training** is crucial for workers to treat minor burns and seek medical attention for severe cases.
7. **Employers must provide fire safety training** and ensure safe handling of hot materials.
8. **Proactive safety measures** and regular training help minimize burn injuries on construction sites.



Burns account for approximately **10%** of all workplace injuries requiring hospitalization or medical attention.

Top 5 electrical injuries...

1. **Chemical Burns** – Contact with wet cement or chemicals damages the skin.
2. **Thermal Burns** – Burns from hot surfaces, welding, or open flames.
3. **Electrical Burns** – Contact with live wires or faulty electrical equipment.
4. **Flash Burns** – Exposure to intense light or heat during welding or soldering.
5. **Inhalation Burns** – Breathing in smoke or hot gases from fires or welding.



1. Am I wearing the proper protective gear for burn hazards?
2. Am I working near heat sources or chemicals that can cause burns?
3. Do I know the proper first aid for treating burns?
4. Is my work area clear of potential fire or burn risks?

Burns in workplace,
a painful fate,
Careful prevention,
don't tempt fate.

Summary

Burns on construction sites are caused by heat, chemicals, and electrical hazards. Workers should be most aware of the risks from welding, hot materials, chemicals like wet cement, and electrical equipment. Proper protective gear, fire safety, and first aid knowledge are essential for preventing and treating burns.



OSHA sets regulations to protect workers from burns, particularly in industries like construction where heat, chemicals, and electrical hazards are common. These regulations ensure that employers provide proper safety training and personal protective equipment (PPE) to prevent and treat burn injuries.

Key OSHA Burns Regulation:

29 CFR 1926.251 – Handling Materials and Burn Hazards

OSHA mandates safe handling of materials, including hot equipment and chemicals. Employers must provide PPE and training to minimize burn risks from welding, electrical hazards, or chemical exposure, ensuring worker safety in high-risk environments.





ATTENDEES

BURNS

Print Name:	Signature:

Additional Comments: