



ELECTRICAL SAFETY

STAY ALERT. STAY SAFE. STAY ALIVE.



WHY IS THIS IMPORTANT?



Electrical hazards in the workplace can cause serious injuries or fatalities:



RISK OF ELECTROCUTION –

Direct contact with live wires can be fatal.



FIRE HAZARDS –

Faulty wiring or overloaded circuits can start fires.



EQUIPMENT DAMAGE –

Electrical faults can destroy machinery and tools.



OPERATIONAL DISRUPTION –

Electrical incidents can halt production and affect productivity.



RECOGNIZING THE HAZARDS

Common electrical hazards include:



Exposed or damaged wires and cables



Overloaded power outlets or circuits



Wet or damp conditions near electrical equipment



Using untested or poorly maintained machinery



Unauthorized modifications or bypassing safety devices



WORKPLACE EXPECTATIONS & POLICIES



AUTHORIZED WORK –

Only qualified personnel should perform electrical work.



EQUIPMENT CHECKS –

Regular inspection and testing of electrical systems is mandatory.



LOCKOUT/TAGOUT –

Follow proper procedures when servicing electrical equipment.



REPORTING –

Report faulty wiring, damaged plugs, or unsafe practices immediately.



PPE –

Use insulated gloves, mats, and other protective equipment when necessary.



HOW TO STAY SAFE



Never touch exposed wires or electrical equipment with wet hands.



Keep water and liquids away from electrical devices.



Ensure machinery is properly grounded and connected.



Follow all lockout/tagout procedures before maintenance.



Use only approved and tested electrical tools and equipment.



CONCLUSION

Electrical safety is critical to prevent injury, fire, and operational disruption. Awareness, proper procedures, and adherence to safety protocols protect workers and maintain a safe industrial.



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Changing Safety Culture

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