



Standard Operating Procedure for Electrical Safety in Industrial Environments

1. Purpose

The purpose of this Standard Operating Procedure (SOP) is to provide guidelines for electrical safety in industrial environments. This SOP is intended to help prevent electrical accidents and injuries.

2. Scope

This SOP applies to all employees who work in industrial environments where there is a potential for electrical hazards.

3. Definitions

For the purposes of this SOP, the following definitions apply:

- Electrical hazard: Any condition that could result in an electrical shock, arc flash, or fire.
- Grounding: The connection of an electrical circuit or equipment to the earth.
- Ground-fault circuit interrupter (GFCI): A device that interrupts an electrical circuit when there is a ground fault.
- Personal protective equipment (PPE): Equipment that is worn to protect employees from hazards, such as electrical shock.

4. Requirements

All employees must follow the following requirements to ensure electrical safety:

- Use proper PPE, such as gloves, boots, and hard hats.
- Be aware of the potential for electrical hazards.
- Inspect electrical equipment regularly for damage.
- Report any electrical hazards to a supervisor immediately.
- Use proper procedures when working with electrical equipment.
- Follow all safety procedures and regulations.
- Only perform tasks that you are qualified for and have current training to perform.

5. Enforcement

Any employee who violates this SOP may be subject to disciplinary action, up to and including termination.