



C3 Safety Training: 12 Month Module

Module 4: April - Electrical Safety

Company Name: _____ Date: _____

C3 Project Name: _____

- Electrical shock injuries are a result of DIRECT or INDIRECT electrical contact.
- Circuit is simply the flow of electrical charge.
- Low voltage does not mean Low Hazard.
- Electrical hazards include:
 - Failure to utilize proper Lockout/tag out procedures
 - Unauthorized work on energized circuits
 - Use of materials too close to energized circuits
 - Use of defective equipment or tools
 - Not using Ground Fault Circuit Interrupter (GFCI) A GFCI is a device that monitors the current flowing from hot to neutral. An imbalance will trip the circuit.
 - Not observing WARNING Signs
- Only qualified workers should test circuits and electrical parts to insure that they are isolated and equipment will not operate.
- Energized Equipment is connected to a LIVE energy source. De-energized has circuit or equipment disconnected from ALL power sources. This includes extension cords.
- Temporary wiring (Extension cords) in GFCI.
- Inspect electrical equipment daily. If found defective, equipment must be tagged and removed from service.
- Never reach blindly into areas containing energized parts.
- Only authorized personnel shall enter high voltage area.
- Inspect work areas for standing water. The area should be clean and dry.
- Workers shall be trained in Lockout/Tag out procedures.
- Demonstrate 4 from the following list:
 - How to inspect tools
 - How to inspect cords and insure ground is intact
 - How to inspect full length of cords
 - How to use and inspect GFCI