	Safety Services Company
Worksite: Instr	ructor: Date/Time:
Topic C031:	Electrical Safety
Introduction: The most common electrical hazard in today's are usually caused by unsafe equipment and/or installation, upractices.	s workplace is from ground fault electrical shock. Electrical accident unsafe workplaces caused by environmental factors, and unsafe work er to follow lockout, blockout, tagout procedures while repairing, o
Appropriate training ensures that workers recognize electrical hazards and use safe work practices to control or eliminate those hazards. Only "qualified" persons can work directly with exposed energized parts and should be familiar with the inherent hazards of electricity such as high voltages, electric current, arcing, grounding, and the lack of guarding. Things to keep in mind are::	In order to reduce electrical shock-related injuries, remember to follow lockout, blockout, tagout procedures while repairing or working in an area
Personal protective equipment: When employees work where there are potential electrical hazards, they must be provided with electrical protective equipment. Workers must use equipment appropriate for the work being done	with energized equipment or machinery.
employees to handle energized conductors must be designed are exposed. Circuit over-current protection devices: Circuit protective de or shut off current flow in the event of a ground-fault, overlowires and components that could create hazards for workers. Grounding is required to protect employees from electrical electrical equipment. There are two kinds of grounding: Serve This type of ground is designed to protect machines, tools, and tool or machine to ground. This safeguards workers in the every Guarding: Any "live" parts of electrical equipment operation. Entrances to areas with "live" electrical parts must be marked qualified persons. Insulation: Employees should check their equipment daily damaged insulation on extension cords. Electrical conductor in	ald always use tools that are insulated and work properly. Tools must properly tagged and removed from service. Tools that are used by and constructed to withstand the voltages and stresses to which they evices, such as fuses, circuit breakers, and GFCIs, automatically limit oad, or short circuit in a wiring system. They prevent overheating of shock, to safeguard against fire, and to protect against damage to vice or system ground: one wire, the neutral conductor, is grounded ad insulation; Equipment ground: provides a path for current from a sent of an electrical malfunction. In a sign of the signs should forbid entrance except by the for insulation breakdown such as broken or exposed wires and insulation must be suitable for the voltage and conditions under which
Underground and overhead lines: When the exact location of hand tools that may contact a line must be provided with insu	of underground lines are unknown, employees using jackhammers or ulated protective gloves. If work is to be done near overhead power protective measures must be provided before work is started
Conclusion: Electricity travels in open circuits, and its normal affected by three primary factors: the amount of current, the primary is important to be well-trained in the recognition of electrical by	al route is through a conductor. The severity of the shock received is path of the current, and the length of time the body is in the circuit. It nazards and how to eliminate or protect yourself from them.
Employee Attendance: (Names or signatures of personnel who	are attending this meeting)