

UTILITY MECHANIC//SR. UTILITY MECHANIC

Ref. Code: L-UM-9

REPAIRING AND REPLACING EMERGENCY LIGHTING		
Activity	Hazard Identification	Required Precautions
1. Driving to and from work site.	1. Motor vehicle accident; striking pedestrians, bicyclists, or individuals using rollerblades.	1. Wear prescription lenses, if required, and seatbelt. Verify that all equipment on vehicle is secured properly. Stay alert for pedestrians, bicyclists, and individuals using rollerblades.
2. Using stepladder.	2. Ladder collapsing; slipping/falling from ladder.	2. Inspect ladder before use. Use ladder of proper height. Make sure ladder is properly assembled and locked and standing on level ground. Do not exceed weight limit for ladder. Do not stand on top of ladder or on top rung. Have coworker hold ladder.
3. Using power tools.	3a. Electric shock; electrocution.	3a. Inspect cord before use. Keep power cord away from work area. Plug tools into GFCI-protected outlets. Do not use electric tools if work area is wet.
	3b. Tripping over or cutting power cord.	3b. Keep power cord away from work area.
	3c. Injury from flying bits of material.	3c. Wear safety glasses, and optionally a dust mask, gloves, long-sleeve shirt and/or coveralls.
	3d. Drill or saw catching; drill bit breaking; severe lacerations; dismemberment.	3d. Keep tools in good condition. Inspect tools before use. Verify that guards work properly. Do not put hands near blades. When using tools, make sure you have a good center of gravity and are properly balanced. Hold tools securely with two hands to maintain control.
4. Using hand tools such as pliers and screwdrivers.	4a. Electric shock; electrocution.	4a. Make sure that insulation on tools is in good condition. Turn off power whenever possible.
	4b. Cuts, pinches, smashes, punctures, severing of fingers.	4b. Keep tools in good condition. Inspect tools before use. Ear safety glasses. Work away from yourself. Use normal caution required for all hand tools.

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5. Working in area of pedestrian traffic.	5. Pedestrians knocking over ladders or lights or bumping into worker; pedestrians getting hit with equipment or falling tools, etc.	5. Secure area using cones and caution tape before beginning work.
6. Replacing light.	6. Electrocutation.	6. Turn off power if possible. If you cannot disconnect power, make sure you are not grounded. Only touch one wire at a time.
7. Replacing batteries.	7. Burning corrosive substance.	7. Wear safety glasses. Wear appropriate gloves. Make sure terminals are safe.
8. Lifting and carrying battery.	8. Back strain; falling.	8. Use proper bending and lifting techniques. Use proper body mechanics.