



HSC Safety Tips No. (5)

1. Inspect wiring of electrical equipment before each use. Replace damaged or frayed electrical cords immediately. And, **ALWAYS** minimize the potential for water or chemical spills on or near electrical equipment.
2. Maintain an unobstructed access to all electrical panels.
3. Know the location and how to operate shut-off switches and/or circuit breaker panels. Use these devices to shut off equipment in the event of a fire or electrocution.
4. Limit the use of extension cords. Use them **ONLY** for temporary operations and then only for short periods of time. In all other cases, request installation of a new electrical outlet. If you must use one, obtain a heavy-duty extension cord that is electrically grounded, with its own fuse, and install it safely. Extension cords should **NOT** go under doors, across aisles, be hung from the ceiling, or plugged into other extension cords.
5. **ONLY** equipment with three-prong plugs should be used in the laboratory. The third prong provides a path to ground for internal electrical short circuits, thereby protecting the user from a potential electrical shock.

