Chapter 9

ELECTRICAL SAFETY

9.1 Electrocution

In the event that someone appears to be electrocuting themselves, **DO NOT TOUCH THEM**. Disconnect power source, ONLY if it can be done safely. Call **3-111** or **911** for emergency assistance.

9.2 General Electrical Safety Procedures

- Never operate an electrical appliance with a frayed electrical cord.
- Attempt to keep liquids from spilling onto and around electrical equipment.
- If spills occur, shut off power and disconnect power cord before attempting to clean up spill.
- ALWAYS allow electronic devices ample time to dry before re-energizing after a spill.
- Do not operate equipment that is intended to have a grounded outlet on an non-grounded power/extension cord.
- Do not allow power cords to dangle over counter tops or lie across walking paths on the floor.
- Do not cover cords with carpets or mats.
- Spark inducing motors should not be operated in areas where ignitable fumes are produced.
- Do not attempt to service electrical equipment unless the power is disconnected.
- Outlets and receptacles and extension cords:
- Do not overload outlets or receptacles.
- Do not plug extra extension cords into extension cords to provide additional outlets. If additional outlets are required, use an approved power strip.
- When using computerized equipment, plug into a GFI (ground fault interrupt) outlet or a power strip with ground fault protection (i.e. a power strip with a circuit breaker.

- Do not extend the length of an extension cord by adding a second extension cord.
- Replace short cord with a single longer extension cord.

- Do not operate appliances requiring a grounded extension cord with a non-grounded extension cord.

- Breakers and circuit boxes

- Do not open a circuit box or breaker panel unless necessary.

- When breaking a circuit to perform repair on electrical equipment or lines, always lock the box or panel. Also, provide written warning on that box or panel for others who might approach that box to attempt to re-energize the panel while you are working on the equipment or lines.