

SAFE WORK PRACTICES TEMPORARY ELECTRICAL INSTALLATIONS

**This information does not take precedence over OH&S. All employees should be familiar with the Saskatchewan Employment Act and the OH&S Regulations.*

1. All fixed and portable electrical service equipment must be contained in weatherproof boxes and the covers kept closed to protect against exposure to weather, traffic and combustible materials.
2. Installations must be rigidly mounted on a panel or frame and properly grounded.
3. All switches, circuit breakers, etc. must be clearly marked to identify voltage and purpose. Switches must indicate when open or closed.
4. A non conducting elevated platform or rubber mat must be used to protect a worker operating switches from contact with damp floor or earth.
5. All electrical installations must have adequate wiring and be well insulated.
6. A lock-out or tag-out system must be used.
7. When flexible cords or cables are being used, the cords or cables must be in continuous lengths without splice or tap.
8. Extension cords used with power tools, portable tools, fans, water coolers and other electrical equipment must be three wire types with three pronged plug or double insulated. They must be in good condition. Worn, frayed or spliced cords and cables must be tagged and removed from service.
9. Cords and cables must be protected against accidental damage and kept clear of work spaces, walkways, etc. to prevent tripping or falling hazards.
10. Temporary lights must be equipped with guards and heavy duty cords and must be maintained in safe condition.
11. All electrical dangers must be posted and guarded at all times.
12. Fire hazards must be checked and proper extinguishers available.