

# A Safe Workplace

## A Workplace Safety and Health Manual for Your Community

Section: III-F	Rules Procedures, Practices and Guidelines	Page 1 of 2
		Approved By: Harvey Bostrom
Subject: SWP-11	Electrical Safety	Effective: May 31, 2008
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Refer to part 38 of *The Manitoba Workplace Safety and Health Act and Regulations*, Electrical Safety.

**PPE Required:** Steel-toe boots (Ohm rated), safety glasses, hearing protection, hard hat, coveralls, gloves (Ohm rated)

Council must ensure that all electrical work is completed by an electrical worker as specified under The Electricians' Licence Act and The Manitoba Electrical Code.

Electrical work means work in connection with the placing, installing, maintaining, repairing, replacing, or removing of any electrical equipment, and includes such work done on conduits of any description designed or used for the purpose of enclosing or carrying electrical conductors independent of the characteristics of the current, and on any conductors or electrical equipment designed or used for the purpose of supplying any electrical service or for any purpose in connection with such electrical service.

**General:**

Council must ensure the following:

1. if a defect or unsafe condition is identified in electrical equipment, that steps are taken to protect the safety and health of employees who may be at risk and that the repair or condition is addressed;
2. that electrical extension cords are of an approved type with a proper grounding connection, and that the cord is visually inspected each day before it is used for possible damage and repaired or replaced, if necessary;
3. extension cords are not used if the grounding post has been removed or made inoperative, and where the cord passes through a work area that it is covered or elevated to protect it from damage and prevent a tripping hazard;
4. that extension cords in disrepair are not used;
5. that extension cords are not used in or around wet areas;
6. that there is an emergency procedure for rescuing, administering first aid and obtaining further medical assistance for an employee coming into contact with energized electrical equipment;
7. that the employee who implements the emergency procedure is trained in the emergency

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procedure;

8. that energized electrical equipment is suitably located and guarded to prevent contact; and
9. that electrical circuits are protected by a class "A" ground fault circuit interrupter when work is being done in damp location or in an approved enclosure.