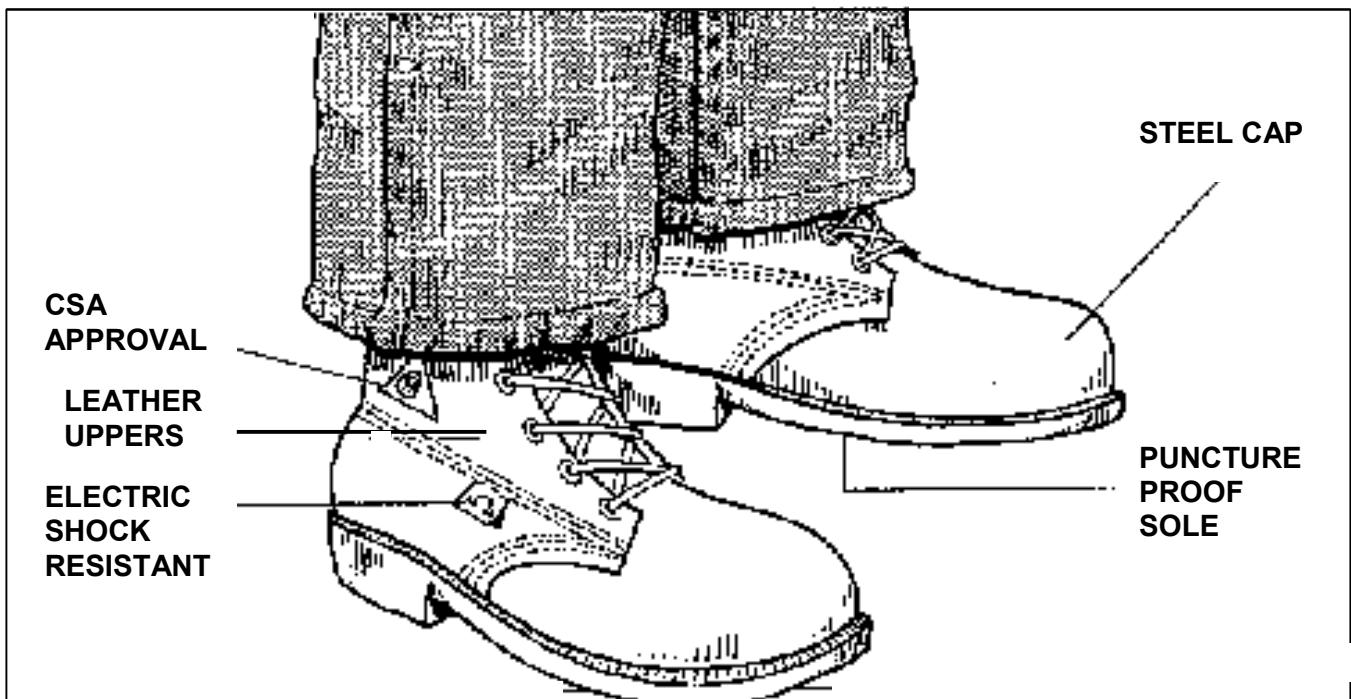


Protective Footwear



Manitoba Regulations require that protective footwear (safety shoes or boots) be worn by all workers who may be exposed to the risk of a foot injury. This includes such hazards as falling objects, moving machinery, sharp objects, electrical contacts, abrasives, and similar circumstances.







There are many types and styles of protective footwear available for workers to choose. *It is essential to select the right type of protective footwear and minimize exposure to foot injuries in the work environment.* It is also important to get the right fit so the wearer is comfortable.

CSA Standard Z195 "Protective Footwear" establishes specific design and testing requirements. CSA Z195.1-02 "Guideline on Selection, Care and Use of Protective Footwear" assists users of footwear and employers in the proper selection of footwear for their work environment and specific job functions. *The CSA logo can only be applied to the footwear when they meet the performance criteria.*

Protective footwear is manufactured as grade 1 or 2 type, depending on the strength of the protective toe cap. The footwear is marked accordingly and may also have sole puncture protection and electrical shock resistance.

(Only safety footwear identified as meeting the applicable standard as indicated on the opposite page can be considered proper protective footwear.)

Protective Footwear Markings

Outside labels	Location	Criteria	Intended application
	The label appears at ankle height on the tongue of the right shoe.	Green triangle indicates sole puncture protection with a Grade 1 protective toe to withstand impacts up to 125 joules.	For any industrial environment, especially that of construction, where sharp objects (such as nails) are present; heavy work environments.
	The label appears at ankle height on the tongue of the right shoe.	Yellow triangle indicates sole puncture protection with a Grade 2 protective toe to withstand impacts up to 90 joules.	For light industrial work environments requiring puncture protection as well as toe protection.
	The label appears at ankle height or on the tongue of the right shoe.	White rectangle with orange Greek letter omega indicates soles that provide resistance to electric shock.	For any industrial environment where accidental contact with live electrical conductors can occur. Warning: <i>Electrical shock resistance deteriorates with wear and in a wet environment.</i>
	The label appears at ankle height or on the tongue of the right shoe.	Yellow rectangle with green "SD" and grounding symbol indicates soles are static-dissipative.	For any industrial environment where a static discharge can create a hazard for workers or equipment.
	The label appears at ankle height on the tongue of the right shoe.	Red rectangle with black "C" and grounding symbol indicates soles are electrically conductive.	For any industrial environment where low-power electrical charges may create a hazard for workers or equipment.
	The label appears at ankle height on the tongue of the right shoe.	White label with green fir tree symbol indicates chainsaw protective footwear.	For forestry workers and others exposed to hand-held chainsaws or other cutting tools.

Note: The ® symbol indicates the preferred positioning for the registered identifying logo or mark of the certifying agency.

Inside Protection Code:

A 5-place alphanumeric code indicates the protection offered by the footwear:

1	P	M	E	X
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- Position 1 indicates the level of toe protection (**1** for Grade 1, or **2** for Grade 2, **0** if not).
- Position 2 indicates the presence of a puncture-resistant sole (**P** if present, **0** if not).
- Position 3 indicates that metatarsal protection is provided (**M** if present, **0** if not).
- Position 4 indicates the type of electrical protection (**E** if shock resistant, **S** if static dissipative, **C** if conductive, **0** if no electrical protection).
- Position 5 indicates that the footwear is chainsaw protective (**X** if chainsaw protective, **0** if not).

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