

Correct as at 13th May 2026. It may be superseded at any time.

Extract taken from: In-service certification (WoF and CoF) > Heavy vehicles > Miscellaneous items > Electrical wiring

13-4 Electrical wiring

Reasons for rejection

Condition

1. An electrical wire shows signs of:
 - a) overheating, or
 - b) chafing, or
 - c) other damage.
2. Electrical wires in a heavy vehicle are not:
 - a) insulated and protected from damage that could be caused by water, fuel, oil, other fluids, dirt or heat, or
 - b) clipped or otherwise gathered into looms with an insulating material, where this is practicable.
3. Electrical wires and looms are not:
 - a) appropriately and securely fastened to the vehicle to protect them from damage, or
 - b) protected from damage where they pass through holes in the vehicle structure.

Summary of legislation

Applicable legislation

- [Land Transport Rule: Heavy Vehicles 2004](#).

Condition

1. The current ratings of the electrical wires in a vehicle must not be exceeded.
2. Electrical wires in a heavy vehicle must:
 - a) be insulated and protected from damage that could be caused by water, fuel, oil, other fluids, dirt or heat, and
 - b) if practicable, be clipped or otherwise gathered into looms with an insulating material.
3. Electrical wires and looms must:
 - a) be appropriately and securely fastened to the vehicle to protect them from damage, and
 - b) where they pass through holes in the vehicle structure, be protected from damage.