

ELECTRICITY SAFETY ACT 1998

SECTION 62W

APPROVAL OF AN ALTERNATIVE MARK TO THE REGULATORY COMPLIANCE MARK (RCM)

I, Marnie Williams, the Director of Energy Safety, in exercise of the powers granted to Energy Safe Victoria by section 62W of the *Electricity Safety Act 1998*, approve the alternative approval mark set out in this notice for the marking of supply flexible cords and building wiring cables that have their markings applied using an inkjet dot-matrix printing process.

Alternative approval mark

The alternative approval mark are the letters “RCM” followed by the registration number of the responsible supplier who is to supply the supply flexible cord or building wiring cable that is being marked.

Commencement

The approval of the alternative mark specified in this notice is effective on and from 7 May 2020.

Definitions

In this notice:

- 1) **alternative mark** means a mark approved by Energy Safe Victoria under section 62W of the Act;
- 2) **regulatory compliance mark (RCM)** has the meaning it has in section 50 of the Act;
- 3) **registration number** means the unique number allocated to an entity who registers as a responsible supplier on the EESS responsible supplier registration database. The responsible supplier registration number starts with the prefix “E” and is followed by up to five digits;
- 4) **EESS responsible supplier registration database** means the responsible supplier registration database that is available on the EESS internet website with the internet address www.eess.gov.au;
- 5) **supply flexible cords** means
 - An electrical cord that—
 - (a) is unshielded and flexible; and
 - (b) is designed for use at low voltage;
 - (c) consists of two or three elastomer or PVC insulated cores of multistrand construction;
 - (d) has a cross-sectional area of each conductor not exceeding 2.5 mm²; and;
 - (e) has for other than tinsel cords, individual wire strandings not exceeding—
 - (i) 0.21 mm for conductor sizes up to 1 mm²; or
 - (ii) 0.26 mm for conductor sizes exceeding 1 mm²;

NOTE This includes interconnection cords.

But does not include—

- (f) a flexible cord directly connected to equipment or approved non-rewirable accessories that is marked in accordance with the HAR marking scheme for flexible cords;
 - (g) wiring contained entirely within the enclosure of equipment.
- 6) **building wiring cables** means
 - A single or multicore electric cable insulated with polymeric materials that —
 - (a) has one to five conductors of stranded or solid cores of copper conductors;
 - (b) has an insulated and laid up flat or circular configuration;
 - (c) is sheathed or unshielded insulated cable;
 - (d) has active phase conductors with a nominal cross-sectional area 0.5 mm² to 16 mm²;
 - (e) has an insulation designation of V-75, V-90, V-90HT or X-90; and
 - (f) is intended for use in electrical installations at working voltages up to:-
 - (i) 450/750V; or
 - (ii) 0.6/1 (1.2) kV

But does not include—

- (g) armoured, metallic shielded and metal sheathed cables;
- (h) halogen free cables;
- (i) cables with a fire rating;
- (j) Supply Flexible Cords (see B.2.62);
- (k) control cables where the insulation of the conductors are not individually coloured;
- (l) cables with a conductor flexibility of Class 5 or greater according to AS/NZS 1125;
NOTE 1 Cables that have a conductor flexibility of Class 5 according to AS/NZS 1125 are commonly known as Flexible Cable.
- (m) cables not captured by the scope of AS/NZS 5000.1 or AS/NZS 5000.2.

NOTE 2 The scopes of AS/NZS 5000.1 and AS/NZS 5000.2 do not apply to polymeric insulated cables for special installations and service conditions or for which there are separate Australian/New Zealand Standards.

Marnie Williams

MARNIE WILLIAMS

Director of Energy Safety