

Test sponsor	Certificate issue date	Certificate number
Zenergy Cable Australia 71 Eagle Street Brisbane City, QLD 4000 Australia	17 April 2019	SFC FRT190031.1

Introduction

This test certificate is to verify the element of construction described on table 2 was tested by this laboratory on behalf of the test sponsor in accordance with the stated test standard and achieved the results stated on table 1.

Table 1 Test and report details

Referenced report	Test standard	Test date	Referenced report issue date
FRT190030.1	AS/NZS 3013:2005, Appendix A & B	18 March 2019	29 March 2019
FRT190031.1	AS/NZS 3013:2005, Appendix D & E	18 March 2019	17 April 2019

Table 2 Cable and construction details

Description of Classified Cable	
Cable Description	<ul style="list-style-type: none"> Multicore cable comprised 3 × 10mm² core and 3 × 4mm² earth Cable overall outer diameter of 28.2mm Test bending radius of cable: 249mm on the inside of the bend. Mechanical testing temperature range: -25°C to 110°C. Refer to the referenced reports for a full description of tested cable
Cable configuration	The cable was tested as a single cable for Appendix A & B with bends of 90° at a bending radius of 249mm. The cable was positioned in the cable tray with a metallic cable tie fixing the cable to the tray at the centre of the two directional changes; otherwise plastic cable ties were used. Refer to the referenced test reports for a full description of cable configuration.

Table 3 Cable Classification

Cable Description	Product Code	Cable Group	Cable Classification
3C (10mm ²) + 3E (4mm ²)	VSD Cable CL5/R-HF-90/HFS-90-TP/CWB/HFS90-TP 0.6/1kV 3C10+3E4mm ²	2	WS52W

Conditions/validity

- This certificate is provided for general information only and does not comply with the regulatory requirements for evidence of compliance.
- Please refer to the relevant test report to determine the applicability of the test result to a proposed installation and for a full description of the tested construction.
- The results of these fire tests may be used to assess fire hazard, but it should be recognised that a single test method will not provide a full assessment of fire hazard under all conditions.
- All work and services carried out by Warringtonfire Australia Pty Ltd are subject to and conducted in accordance with our standard terms and conditions. These are available at <https://www.element.com/terms/terms-and-conditions> or on request.
- Exova Warringtonfire rebranded to Warringtonfire on 1 December 2018. Apart from the change to our brand name, no other changes have occurred. The introduction of our new brand name does not affect the validity of existing documents previously issued by us.

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