



Postal Address:
 PO Box 4282
 Dandenong South, Victoria 3164
 Australia

Testing. Advising. Assuring.

EWFA Test Certificate No.	SFC49581100a.1 Page 1 of 1
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Report Sponsor	Issue Date
Ducab PO Box 11529 Dubai United Arab Emirates	15/12/2017

Introduction

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

Referenced Reports	Report Date	Test Standard
EWFA 49581000a.3	12/01/2018	AS/NZS 3013:2005, Appendix A & B
EWFA 49581100a.2	12/01/2018	AS/NZS 3013:2005, Appendix D & E

Description of Assessed Cable	
Cable Description	<ul style="list-style-type: none"> Screened multicore cable comprising 3 cores, 10mm² conductor, and 1 Earth, 4mm² conductor. Cable overall outer diameter of nominal 19.4mm. Test bending radius of cable: 155mm 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 two bends of 90° at a bending radius of 155mm. 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.

Cable Classification			
Cable Description	Product Code	Cable Group	Cable Classification
3C(10mm ²) + E (4mm ²)	Ducab C BICC Electric Cable 0.6/1kV 3C x 10mm ² + 1E x 4mm ² (Design 1)	2	WS52W

Notes

THIS CERTIFICATE IS PROVIDED FOR GENERAL INFORMATION ONLY AND DOES NOT COMPLY WITH THE REGULATORY REQUIREMENTS FOR EVIDENCE OF COMPLIANCE.

Reference should be made to the relevant test report to determine the applicability of the test result to a proposed installation. 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.

TESTING AUTHORITY	Exova Warringtonfire Aus Pty Ltd		
Address	PO Box 4282 DANDENONG SOUTH VIC 3164 Unit 2, 409-411 Hammond Road DANDENONG VIC 3175		
Phone	61 (0)3 9767 1000		
ABN	81 050 241 524		
Email / Home Page	www.exova.com		
Authorisation	Prepared By:	Reviewed By:	Reviewed By:
	Kai Loh	Anthony Rosamilia	Patrick Chan



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EWFA Test Certificate No.	SFC49581300d.1 Page 1 of 1
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Report Sponsor	Issue Date
Ducab PO Box 11529 Dubai United Arab Emirates	8/01/2018

Introduction

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

Referenced Reports	Report Date	Test Standard
EWFA 49581200d.2	8/01/2018	AS/NZS 3013:2005, Appendix A & B
EWFA Mech 49581300d.1	8/01/2018	AS/NZS 3013:2005, Appendix D & E

Description of Assessed Cable	
Cable Description	<ul style="list-style-type: none"> Screened multicore cable comprising 2 cores, 0.75mm² conductor. Cable overall outer diameter of nominal 10.1mm. Test bending radius of cable: 81mm 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 two bends of 90° at a bending radius of 81mm. 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.

Cable Classification			
Cable Description	Product Code	Cable Group	Cable Classification
2C(0.75mm ²)	Ducab C BICC Electric Cable 0.6/1kV 2C × 0.75mm ² (Design 2)	4	WS51W

Notes

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Authorisation	Prepared By:	Reviewed By:	Reviewed By:
	Anthony Rosamilia	Kai Loh	Patrick Chan



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EWFA Test Certificate No.	SFC49581300c.1 Page 1 of 1
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Report Sponsor	Issue Date
Ducab PO Box 11529 Dubai United Arab Emirates	5/01/2018

Introduction

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

Referenced Reports	Report Date	Test Standard
EWFA 49581200c.2	8/01/2018	AS/NZS 3013:2005, Appendix A & B
EWFA Mech 49581300c.1	8/01/2018	AS/NZS 3013:2005, Appendix D & E

Description of Assessed Cable	
Cable Description	<ul style="list-style-type: none"> Screened multicore cable comprising 3 cores + earth, 1.5mm² conductor. Cable overall outer diameter of nominal 12.9mm. Test bending radius of cable: 103mm 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 two bends of 90° at a bending radius of 103mm. 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.

Cable Classification			
Cable Description	Product Code	Cable Group	Cable Classification
3C + E (1.5mm ²)	Ducab C BICC Electric Cable 0.6/1kV 3C + E x 1.5mm ² (Design 2)	3	WS52W

Notes

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Reference should be made to the relevant test report to determine the applicability of the test result to a proposed installation. 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.

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