

Certificate of Product Approval

Certificate Number: 782m

Issue: 01

DUBAI CABLE COMPANY (PRIVATE) LIMITED

Ducab-M1
 Plot No. – 2D12,3D2,4D2,5D2
 Sector M41
 Industrial City of Abu Dhabi-1
 Mussafah
 Abu Dhabi
 United Arab Emirates

is authorised to use the LPCB mark in association with the product(s) listed in this certificate and appendix having complied with the requirements of the standard(s) detailed below:



Product(s)

Cable Types as listed below:
 Ducab Flam BICC 1 BS 8592

Standard(s) (see Appendix for details)

BS 8592:2016
 BS 6387:2013 Category CWZ
 EN 61034-2:2005+A1:2013
 IEC 60331-21:1999
 BS 8434-2:2003+A2:2009 (120 mins)
 EN 50200:2015 (Class PH120)
 EN 50200:2015 Annex E (30 mins)
 IEC 60332-3-24:2009
 EN 60754-1:2014
 IEC 60331-3:2009
 EN 60332-1-2:2004+A1:2015

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

Signed for BRE Global Ltd.

Karen Coull
 Certification Scheme Manager

15 July 2020
 Date of Issue

15 July 2020
 Date of First issue



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Appendix to Certificate No: 782m DUBAI CABLE COMPANY (PRIVATE) LIMITED

Issue: 01

Product name							LPCB Ref. No	
Ducab Flam BICC 1 BS 8592							782m/01	
Nominal csa of conductor (mm ²) See note 1	Core Construction	BS 8592 See note 2	BS 6387 See note 3	BS 8434-2 See note 5	EN 50200 See note 5	IEC 60332-3-24	IEC 60331-21 See note 4	
1.5	One	Complies	CWZ	120 mins	PH120 & Annex E	-	Complies	
2.5	One	Complies	CWZ	120 mins	PH120 & Annex E	-	Complies	
4.0	One	Complies	CWZ	120 mins	PH120 & Annex E	-	Complies	
6.0	One	Complies	CWZ	120 mins	PH120 & Annex E	-	Complies	
10	One	Complies	CWZ	120 mins	PH120 & Annex E	Complies	Complies	
16	One	Complies	CWZ	120 mins	PH120 & Annex E	Complies	Complies	
25	One	Complies	CWZ	120 mins	PH120 & Annex E	Complies	Complies	
35	One	Complies	CWZ	120 mins	PH120 & Annex E	Complies	Complies	
50	One	Complies	CWZ	120 mins	PH120 & Annex E	Complies	Complies	
70	One	Complies	CWZ	120 mins	PH120 & Annex E	Complies	Complies	

Uo/U 450/750V

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Notes:

1. Stranded conductor only.
2. In meeting the requirements of BS 8592:2016, the Ducab Flam BICC 1 BS 8592 cables listed also met the requirements for IEC 60331-3 for 120 mins, EN 61034-2, EN 60332-1-2 and achieved less than 0.5%HCl for the binder tape & insulation when tested in accordance with EN 60754-1.
3. When testing to BS 6387:2013, for Categories CWZ, testing was conducted using a 20mm or 38mm stainless steel conduit. Either one or three conductors are tested, and this is dependent on cable diameter. The conduit in all cases is connected to the neutral of the transformer. Where a single cable is tested in a conduit, only phase to earth voltage was applied.
4. The Ducab Flam BICC 1 BS 8592 cables met the requirements of IEC 60331-21: 1999 when tested at a temperature of 950°C for a duration of 90mins + 15mins cool down, at a voltage rating of 450V.
5. Standards EN 50200 & BS 8434-2 do not recognise cables in conduit. However, in order to test to the methodologies given in EN 50200 & BS 8434-2 required by specific regions, testing was conducted using a 20mm steel conduit.

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Certificate of Product Approval

Licensee:

Dubai Cable Company (Private) Limited

P.O. Box 11529, Old Abu Dhabi Road, Jebel Ali, Dubai, United Arab Emirates

Factory:

Ducab-M1, P.O. Box 9171, Industrial City of Abu Dhabi - 1, Mussafah, Abu Dhabi, United Arab Emirates

Standard:

BS 8592:2016

Description:

Single core fire resistant cables

Details:

N/A

Materials:

Insulation EI 5, Sheath NA

Brand Name:

FlamBICC 1 BS 8592 or Firetec Single BS 8592

Origin Mark:

DUCAB B BICC or AEI B

Permissible Approval Marks:

BASEC



BASEC name

BASEC roundel

Signed for and on behalf of the British Approvals Service for Cables

Tony Lioveri

Date: 21/12/2020

Date of original issue: 23/04/2020

Check BASEC website to verify validity.

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BASEC, Presley House, Presley Way, Milton Keynes, MK8 0ES,

Registered in England No. 1150237, Tel: +44(0)1908267300

Email: mail@basec.org.uk, Web: www.basec.org.uk



Expiry date:
18/06/2023



Certificate No:
083/002/094
Issue No: 3

Type(s) and Range(s) of Approval

Table / Clause	Code Designation	Conductor Class	Range of Cores	Min Nominal Size -sqmm	Max Nominal Size -sqmm
2	N/A	Class 2	1	1.5	70

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