

## Certificate of Product Approval

Certificate Number: 781a

Issue: 09

### DUBAI CABLE COMPANY (PRIVATE) LIMITED

P. O. BOX 11529  
Old Abu Dhabi Road  
Jebel Ali  
Dubai  
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 4

#### Standard(s) (see Appendix for details)

BS 7846:2015 Cat F2

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

14 October 2019

Date of Issue

20 September 2007

Date of First issue



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## Appendix to Certificate No: 781a DUBAI CABLE COMPANY (PRIVATE) LIMITED

Issue: 09

Product name		LPCB Ref. No.
Ducab Flam BICC 4		781a/01
Nominal csa of conductor (mm <sup>2</sup> )	Core Construction (excluding drain wire and earth)	BS 7846
1.5	2, 3, 4, 5, 7, 12, 19, 27 & 37 <sup>(1)</sup>	F2 <sup>(2)</sup>
2.5	2, 3, 4, 5, 7, 12, 19, 27 & 37 <sup>(1)</sup>	F2 <sup>(2)</sup>
4.0	2, 3, 4, 5, 7, 12, 19, 27 & 37 <sup>(1)</sup>	F2 <sup>(2)</sup>
6.0	2, 3 & 4 <sup>(1)</sup>	F2 <sup>(2)</sup>
10	2, 3 & 4 <sup>(1)</sup>	F2 <sup>(2)</sup>
16	2, 3 & 4 <sup>(1)</sup>	F2 <sup>(2)</sup>
25	2, 3 & 4 <sup>(1)</sup>	F2 <sup>(2)</sup>
35	2, 3 & 4 <sup>(1)</sup>	F2 <sup>(2)</sup>

### Uo/U 600/1000V

#### Notes:

1. Stranded conductors only.
2. In meeting the requirements of BS 7846:2015 Category F2, the Ducab Flam BICC 4 cables listed met the requirements of smoke density of EN 61034-2:2005+A1:2013, fire resistance requirements of BS 6387:2013 Category CWZ, and achieved less than 0.5%HCl on the insulation, tapes, filler, bedding and outer covering when tested in accordance with EN 60754-1:2014

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

14 October 2019  
Date of Issue

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## Certificate of Product Approval

Certificate Number: 782a

Issue: 07

### DUBAI CABLE COMPANY (PRIVATE) LIMITED

Ducab-M1  
Plot No. – 2D12,3D2,4D2,5D2  
Sector M41  
Industrial City of Abu Dhabi-1  
Mussafa  
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 4  
See Certificate Appendix for details

#### Standard(s) (see Appendix for details)

BS 7846:2015 Cat F2

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Signed for LPCB

Karen Coull  
Certification Scheme Manager

04 May 2017  
Date of Issue

20 September 2007  
Date of First issue



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

Issue: 07

Product name		LPCB Ref. No.
Dubai Flam BICC 4		782a/01
Nominal csa of conductor (mm <sup>2</sup> )	Core Construction	BS 7846
16	2, 3 & 4 <sup>(1)</sup>	F2 <sup>(2)</sup>
25	2, 3 & 4 <sup>(1)</sup>	F2 <sup>(2)</sup>
35	2, 3 & 4 <sup>(1)</sup>	F2 <sup>(2)</sup>
50	2, 3 & 4 <sup>(1)</sup>	F2 <sup>(2)</sup>
70	2, 3 & 4 <sup>(1)</sup>	F2 <sup>(2)</sup>
95	2, 3 & 4 <sup>(1)</sup>	F2 <sup>(2)</sup>
120	2, 3 & 4 <sup>(1)</sup>	F2 <sup>(2)</sup>
150	2, 3 & 4 <sup>(1)</sup>	F2 <sup>(2)</sup>
185	2, 3 & 4 <sup>(1)</sup>	F2 <sup>(2)</sup>
240	2, 3 & 4 <sup>(1)</sup>	F2 <sup>(2)</sup>
300	2, 3 & 4 <sup>(1)</sup>	F2 <sup>(2)</sup>
400	2, 3 & 4 <sup>(1)</sup>	F2 <sup>(2)</sup>

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Karen Coull  
Certification Scheme Manager

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

Issue: 07

Uo/U 600/1000 V

### Notes:

1. Stranded conductor only.
2. In meeting the requirements of BS 7846:2015 Category F2, the Ducab Flam BICC 4 cables listed met the requirements of smoke density of EN 61034-2:2005+A1:2013, fire resistance requirements of BS 6387:2013 Category CWZ and achieved less than 0.5%HCl on the insulation, tapes, filler, bedding and outer covering when tested in accordance with EN 60754-1:2014

Cross-Listed products and alternative branding are detailed on page 4.

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Signed for LPCB

Karen Coull  
Certification Scheme Manager

04 May 2017  
Date of Issue

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## Certificate of Product Approval

Certificate Number: 949a

Issue: 04

### DUBAI CABLE COMPANY (PRIVATE) LIMITED

Ducab-M2, Plot No. - J6 14-15-16  
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 4  
See Certificate Appendix for details

#### Standard(s) (see Appendix for details)

BS 7846:2015 Cat F2

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

05 May 2017  
Date of Issue

19 March 2010  
Date of First issue



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## Appendix to Certificate No: 949a DUBAI CABLE COMPANY (PRIVATE) LIMITED

Issue: 04

Product name		LPCB Ref. No.
Ducab Flam BICC 4		949a/01
Nominal csa of conductor (mm <sup>2</sup> )	Core Construction (excluding drain wire and earth)	BS 7846
1.5	2, 3 & 4 <sup>(1)</sup>	F2 <sup>(2)</sup>
2.5	2, 3 & 4 <sup>(1)</sup>	F2 <sup>(2)</sup>
4.0	2, 3 & 4 <sup>(1)</sup>	F2 <sup>(2)</sup>
6.0	2, 3 & 4 <sup>(1)</sup>	F2 <sup>(2)</sup>
10	2, 3 & 4 <sup>(1)</sup>	F2 <sup>(2)</sup>

### Uo/U 600/1000V

#### Notes:

1. Stranded conductors only.
2. In meeting the requirements of BS 7846:2015 Category F2 the Ducab Flam BICC 4 cables listed met the requirements of smoke density of EN 61034-2:2005+A1:2013, the fire resistance requirements of BS 6387:2013 Categories CWZ and achieved less than 0.5%HCl on for the insulation, tapes, filler, bedding and outer covering when tested in accordance with EN 60754-1:2014.

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Signed for BRE Global Ltd.

Karen Coull  
Certification Scheme Manager

05 May 2017  
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## Appendix to Certificate No: 782a DUBAI CABLE COMPANY (PRIVATE) LIMITED

Issue: 07

LPCB Ref No.	Model No.	Alternative Model No.	Labelled	Distributors Cert/Ref No.
782a/01	Ducab Flam BICC 4 16mm <sup>2</sup> - 400mm <sup>2</sup> at 2, 3 & 4 cores	Firetec Power 16mm <sup>2</sup> - 400mm <sup>2</sup> at 2, 3 & 4 cores	AEI Cables Limited	221k/01

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Karen Coull  
Certification Scheme Manager

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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-M2, P.O. Box 9171, Industrial City of Abu Dhabi - 1, Mussafah, Abu Dhabi, United Arab Emirates

Standard:

BS 7846:2015

Description:

Armoured fire resistant power cables

Details:

Resistance to fire - Category F2.

Materials:

Insulation GP 8, Sheath LTS 1

Brand Name:

FlamBICC 4 or Firetec Power

Origin Mark:

DUCAB C BICC or AEI C

### 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: 29/03/2011

Check BASEC website to verify validity.

Page 1 of 2

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**



Type(s) and Range(s) of Approval

Table / Clause	Code Designation	Conductor Class	Range of Cores	Min Nominal Size -sqmm	Max Nominal Size - sqmm
4	N/A	Class 2	2	1.5	10
5	N/A	Class 2	3	1.5	10
6	N/A	Class 2	4	1.5	10

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

*Tony Lioveri*

Date: 21/12/2020

Date of original issue: 29/03/2011

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Page 2 of 2

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



Expiry date:  
**18/06/2023**



## 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 7846:2015

Description:

Armoured fire resistant power cables

Details:

Resistance to fire - Category F2.

Materials:

Insulation GP 8, Sheath LTS 1

Brand Name:

FlamBICC 4 or Firetec Power

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: 14/01/2009

Check BASEC website to verify validity.

Page 1 of 2

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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:  
**083/002/090**  
Issue No: 5

Type(s) and Range(s) of Approval

Table / Clause	Code Designation	Conductor Class	Range of Cores	Min Nominal Size -sqmm	Max Nominal Size -sqmm
4	N/A	Class 2	2	16	400
5	N/A	Class 2	3	16	400
6	N/A	Class 2	4	16	400

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

*Tony Lioveri* Date: 21/12/2020

Date of original issue: 14/01/2009

Check BASEC website to verify validity.

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Expiry date:  
**18/06/2023**