

Certificate of Product Approval

Certificate Number: 1246a

Issue: 01

NATIONAL CABLES INDUSTRY, SHARJAH

Plot No 06,
Al Sajja Industrial Area,
Al Dhaid Road,
Near Sharjah Cement Factory,
Sharjah,
U.A.E

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:
NCI-FP
See Certificate Appendix for details

Standard(s) (see Appendix for details)

BS 7846:2009 Cat F2

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

Damien Ward

Signed for LPCB

Damien Ward
Certification Scheme Manager

09 March 2016
Date of Issue

09 March 2016
Date of First issue



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Appendix to Certificate No: 1246a NATIONAL CABLES INDUSTRY, SHARJAH

Issue: 01

Product name		LPCB Ref. No.
NCI-FP		1246a/01
Nominal csa of conductor (mm ²)	Core Construction	BS 7846
1.5	2, 3 & 4 ⁽¹⁾	F2 ⁽²⁾
2.5	2, 3 & 4 ⁽¹⁾	F2 ⁽²⁾
4	2, 3 & 4 ⁽¹⁾	F2 ⁽²⁾
6	2, 3 & 4 ⁽¹⁾	F2 ⁽²⁾
10	2, 3 & 4 ⁽¹⁾	F2 ⁽²⁾
16	2, 3 & 4 ⁽¹⁾	F2 ⁽²⁾
25	2, 3 & 4 ⁽¹⁾	F2 ⁽²⁾
35	2, 3 & 4 ⁽¹⁾	F2 ⁽²⁾
50	2, 3 & 4 ⁽¹⁾	F2 ⁽²⁾
70	2, 3 & 4 ⁽¹⁾	F2 ⁽²⁾
95	2, 3 & 4 ⁽¹⁾	F2 ⁽²⁾
120	2, 3 & 4 ⁽¹⁾	F2 ⁽²⁾

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Damien Ward

Signed for LPCB

Damien Ward
Certification Scheme Manager

09 March 2016
Date of Issue

09 March 2016
Date of First issue



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Appendix to Certificate No: 1246a NATIONAL CABLES INDUSTRY, SHARJAH

Issue: 01

Product name		LPCB Ref. No.
NCI-FP		1246a/01
Nominal csa of conductor (mm ²)	Core Construction	BS 7846
150	2, 3 & 4 ⁽¹⁾	F2 ⁽²⁾
185	2, 3 & 4 ⁽¹⁾	F2 ⁽²⁾
240	2, 3 & 4 ⁽¹⁾	F2 ⁽²⁾
300	2, 3 & 4 ⁽¹⁾	F2 ⁽²⁾
400	2, 3 & 4 ⁽¹⁾	F2 ⁽²⁾

Uo/U 600/1000V

Notes:

1. Stranded conductors only.
2. In meeting the requirements to BS 7846:2009 Category F2, the NCI-FP cables listed met the requirements for smoke density of EN 61034-2:2005, fire resistance requirements to BS 6387:2013 Categories CWZ and achieved less than 0.5%HCl for 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.

Damien Ward

Signed for LPCB

Damien Ward
Certification Scheme Manager

09 March 2016
Date of Issue

09 March 2016
Date of First issue



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bre

Certificate of Product Approval

Certificate Number: 1246b

Issue: 01

NATIONAL CABLES INDUSTRY

Plot No. 06
Al Sajja Industrial Estate
Al Dhaid Road
Sharjah
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:
NCI-FP1

Standard(s) (see Appendix for details)

BS 6387:2013
EN 60754-1:2014
EN 61034-2:2005+A1:2013
IEC 60331-21:1999

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

22 March 2018
Date of Issue

22 March 20018
Date of First issue



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Appendix to Certificate No: 1246b NATIONAL CABLES INDUSTRY

Issue: 01

Product name					LPCB Ref. No.
NCI-FP1					1246b/01
Nominal csa of conductor (mm ²)	Core Construction (excluding drain wire and earth)	BS 6387	EN 60754-1	EN 61034-2	IEC 60331-21
1.0 ⁽¹⁾	One	CWZ ^(2 & 3)	<0.5% HCl	>60%	Complies
2.5 ⁽¹⁾	One	CWZ ^(2 & 3)	<0.5% HCl	>60%	Complies
4.0 ⁽¹⁾	One	CWZ ^(2 & 3)	<0.5% HCl	>60%	Complies
6.0 ⁽¹⁾	One	CWZ ^(2 & 3)	<0.5% HCl	>60%	Complies
10 ⁽¹⁾	One	CWZ ^(2 & 3)	<0.5% HCl	>60%	Complies
16 ⁽¹⁾	One	CWZ ^(2, 3, 4)	<0.5% HCl	>60%	Complies
25 ⁽¹⁾	One	CWZ ^(2, 3, 4)	<0.5% HCl	>60%	Complies
35 ⁽¹⁾	One	CWZ ^(2, 3, 4)	<0.5% HCl	>60%	Complies
50 ⁽¹⁾	One	CWZ ^(2, 3, 4)	<0.5% HCl	>60%	Complies
70 ⁽¹⁾	One	CWZ ^(2, 3, 4)	<0.5% HCl	>60%	Complies
95 ⁽¹⁾	One	CWZ ^(2, 3, 4)	<0.5% HCl	>60%	Complies
120 ⁽¹⁾	One	C ^(2, 4)	<0.5% HCl	>60%	Complies

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Signed for BRE Global Ltd.

Karen Coull
Certification Scheme Manager

22 March 2018
Date of Issue

22 March 20018
Date of First issue



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Appendix to Certificate No: 1246b NATIONAL CABLES INDUSTRY

Issue: 01

Product name					LPCB Ref. No.
NCI-FP1					1246b/01
Nominal csa of conductor (mm ²)	Core Construction (excluding drain wire and earth)	BS 6387	EN 60754-1	EN 61034-2	IEC 60331-21
150 ⁽¹⁾	One	C ^(2, 4)	<0.5% HCl	>60%	Complies
185 ⁽¹⁾	One	C ^(2, 4)	<0.5% HCl	>60%	Complies
240 ⁽¹⁾	One	C ^(2, 4)	<0.5% HCl	>60%	Complies
300 ⁽¹⁾	One	C ^(2, 4)	<0.5% HCl	>60%	Complies
400 ⁽¹⁾	One	C ^(2, 4)	<0.5% HCl	>60%	Complies

Uo/U 600/1000V

Notes:

1. Stranded conductor only.
2. Where a single cable is fitted in a conduit, only phase to earth voltage was applied.
3. To satisfy the requirement of BS 6387, testing for C, W & Z categories were conducted using a 20mm stainless steel conduit as the other metallic element.
4. To satisfy the requirement of BS 6387, testing for C category was conducted using a 38mm stainless steel conduit as the other metallic element.
5. These cables met the requirements of IEC 60331-21: 1999 when tested at a temperature of 950°C and at a voltage rating of 600V.

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

22 March 2018
Date of Issue

22 March 2018
Date of First issue



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Certificate of Product Approval

Certificate Number: 1246c

Issue: 01

NATIONAL CABLES INDUSTRY

Plot No. 06
Al Sajja Industrial Estate
Al Dhaid Road
Sharjah
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:
NCI-FP2

Standard(s) (see Appendix for details)

BS 6387:2013 (Category CWZ)
EN 50200:2015 (Class PH120)
BS 8434-2:2003+A2:2009 (120 mins)
EN 60754-1:2014
EN 61034-2:2005+A1:2013
EN 60332-1-2:2004+A11:2016

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Signed for BRE Global Ltd.

Karen Coull
Certification Scheme Manager

31 March 2020
Date of Issue

31 March 2020
Date of First issue



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Appendix to Certificate No: 1246c NATIONAL CABLES INDUSTRY

Issue: 01

Product name						LPCB Ref. No.
NCI-FP2						1246c/01
Nominal csa of conductor (mm ²) See Note 1 & 2	Core Construction (excluding drain wire and earth)	BS 6387	EN 50200	BS 8434-2	EN 61034-2	EN 60754-1
1.5 ⁽¹⁾	2, 3 & 4	CWZ	PH120	120 mins	>60%	<0.5% HCl
2.5 ⁽²⁾	2, 3 & 4	CWZ	PH120	120 mins	>60%	<0.5% HCl
4.5 ⁽²⁾	2, 3 & 4	CWZ	PH120	120 mins	>60%	<0.5% HCl

Uo/U 300/500V

Notes:

1. Solid conductors only.
2. Stranded conductors only.
3. NCI-FP2 cables listed also met the requirement of EN 60332-1-2:2004+A11:2016.

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

31 March 2020
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31 March 2020
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Certificate of Product Approval

Certificate Number: 1246e

Issue: 01

NATIONAL CABLES INDUSTRY

Plot No. 06
Al Sajja Industrial Estate
Al Dhaid Road
Sharjah
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:
NCI-FP6

Standard(s) (see Appendix for details)

BS 7846:2015 Cat F2 & F120

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

23 July 2020
Date of Issue

23 July 2020
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Appendix to Certificate No: 1246e NATIONAL CABLES INDUSTRY

Issue: 01

Product name		LPCB Ref. No.
NCI-FP6		1246e/01
Nominal csa of conductor (mm ²) (See note 1)	Core Construction	BS 7846 (See note 2)
16	2, 3 & 4	F2 & F120
25	2, 3 & 4	F2 & F120
35	2, 3 & 4	F2 & F120
50	2, 3 & 4	F2 & F120
70	2, 3 & 4	F2 & F120
95	2, 3 & 4	F2 & F120
120	2, 3 & 4	F2 & F120
150	2, 3 & 4	F2 & F120
185	2, 3 & 4	F2 & F120
240	2, 3 & 4	F2 & F120
300	2, 3 & 4	F2 & F120
400	2, 3 & 4	F2 & F120

Uo/U 600/1000V

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Signed for BRE Global Ltd.

Karen Coull
Certification Scheme Manager

23 July 2020
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Appendix to Certificate No: 1246e NATIONAL CABLES INDUSTRY

Issue: 01

Notes:

1. Stranded conductors only.
2. In meeting the requirements to BS 7846:2015 Category F2 & F120, the NCI-FP6 cables listed met the requirements for smoke density of EN 61034-2:2005, the fire resistance requirements of BS 6387:2013 Categories CWZ, BS 8491 and achieved less than 0.5%HCl for the insulation, tapes, filler, bedding and outer covering when tested in accordance with EN 60754-1:2014.

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