

## Certificate of Product Approval

Certificate Number: 1262d

Issue: 01

### QATAR INTERNATIONAL CABLES COMPANY (QICC-NEXANS)

Plot 92320008  
Mesaieed Industrial Area  
P.O. Box 15991  
Doha  
State of Qatar



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:  
ALSECURE PLUS NX600  
See Certificate Appendix for details

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

BS 7846:2015 Cat F2 & F120  
EN 60754-2:2014  
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.

Tony Baker  
Certification Scheme Manager

26 October 2017  
Date of Issue

26 October 2017  
Date of First issue



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## Appendix to Certificate No: 1262d QATAR INTERNATIONAL CABLES COMPANY (QICC-NEXANS)

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| Product name                                |                   |   |                         | LPCB Ref. No.           |
|---|-------------------|---|-------------------------|-------------------------|
| ALSECURE PLUS NX600                         |                   |   |                         | 1262d/01                |
| Nominal csa of conductor (mm <sup>2</sup> ) | Core Construction | BS 7846                                 | EN 60754-2              | IEC 60331-21            |
| 16 <sup>(1)</sup>                           | 2, 3 & 4          | F2 <sup>(2)</sup> & F120 <sup>(3)</sup> | Complies <sup>(5)</sup> | Complies <sup>(4)</sup> |
| 25 <sup>(1)</sup>                           | 2, 3 & 4          | F2 <sup>(2)</sup> & F120 <sup>(3)</sup> | Complies <sup>(5)</sup> | Complies <sup>(4)</sup> |
| 35 <sup>(1)</sup>                           | 2, 3 & 4          | F2 <sup>(2)</sup> & F120 <sup>(3)</sup> | Complies <sup>(5)</sup> | Complies <sup>(4)</sup> |
| 50 <sup>(1)</sup>                           | 2, 3 & 4          | F2 <sup>(2)</sup> & F120 <sup>(3)</sup> | Complies <sup>(5)</sup> | Complies <sup>(4)</sup> |
| 70 <sup>(1)</sup>                           | 2, 3 & 4          | F2 <sup>(2)</sup> & F120 <sup>(3)</sup> | Complies <sup>(5)</sup> | Complies <sup>(4)</sup> |
| 95 <sup>(1)</sup>                           | 2, 3 & 4          | F2 <sup>(2)</sup> & F120 <sup>(3)</sup> | Complies <sup>(5)</sup> | Complies <sup>(4)</sup> |
| 120 <sup>(1)</sup>                          | 2, 3 & 4          | F2 <sup>(2)</sup> & F120 <sup>(3)</sup> | Complies <sup>(5)</sup> | Complies <sup>(4)</sup> |
| 150 <sup>(1)</sup>                          | 2, 3 & 4          | F2 <sup>(2)</sup> & F120 <sup>(3)</sup> | Complies <sup>(5)</sup> | Complies <sup>(4)</sup> |
| 185 <sup>(1)</sup>                          | 2, 3 & 4          | F2 <sup>(2)</sup> & F120 <sup>(3)</sup> | Complies <sup>(5)</sup> | Complies <sup>(4)</sup> |
| 240 <sup>(1)</sup>                          | 2, 3 & 4          | F2 <sup>(2)</sup> & F120 <sup>(3)</sup> | Complies <sup>(5)</sup> | Complies <sup>(4)</sup> |
| 300 <sup>(1)</sup>                          | 2, 3 & 4          | F2 <sup>(2)</sup> & F120 <sup>(3)</sup> | Complies <sup>(5)</sup> | Complies <sup>(4)</sup> |
| 400 <sup>(1)</sup>                          | 2, 3 & 4          | F2 <sup>(2)</sup> & F120 <sup>(3)</sup> | Complies <sup>(5)</sup> | Complies <sup>(4)</sup> |

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Signed for BRE Global Ltd.

Tony Baker  
Certification Scheme Manager

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## Appendix to Certificate No: 1262d QATAR INTERNATIONAL CABLES COMPANY (QICC-NEXANS)

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### Uo/U 600/1000V

#### Notes:

1. Stranded conductors only.
2. In meeting the requirements of BS 7846:2015 Category F2, the ALSECURE PLUS NX600 Cables met the requirements for smoke density to EN 61034-2:2005+A1:2013, fire resistance to BS 6387:2013 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.
3. In meeting the requirements of BS 7846:2015 Category F120, the ALSECURE PLUS NX600 Cables listed met the requirements for 120 minutes fire resistance to BS 8491:2008 and therefore BS 8519:2010 Category 3 for power cables.
4. The ALSECURE PLUS NX600 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 600V.
5. The ALSECURE PLUS NX600 Cables met the requirements of EN 60332-3-24 when tested in accordance to the clause 18.8 of BS 7846:2015.
6. Tested to general method given in EN 60754-2:2014.

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