

### **LICENCE**

### PRODUCT LISTING SCHEME **CLASS 1A**

PT VOKSEL ELECTRIC Tbk. Menara Karya 3rd Floor, Suite D Jalan HR. Rasuna Said Block X-5, Kay 1-2, Jakarta 12950. Indonesia

is hereby granted the right and licence to use the TÜV SÜD PSB PLS Mark.

| Product(s) for which the use of the mark is granted                                   | Standard(s) to which the product(s) is to be produced                                      |
|---|--|
| <ol> <li>Fire Resistant Cables</li> <li>XLPE insulated PVC sheathed Cables</li> </ol> | Refer to individual Certificate of Conformity which forms an integral part of this licence |

Vice President (Certification Department) TÜV SÜD PSB Pte Ltd

Licence No:

Date of Original Issue:

Date of Last Revision:

Date of Expiry:

00286

24/05/2012

23/05/2015

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No. CLS1A 12 05 80875 003

Certificate Holder: PT VOKSEL ELECTRIC Tbk

Jalan HR. Rasuna Said Block X-5

Kay 1-2

Menara Karya 3rd Floor, Suite D

12950 Jakarta **INDONESIA** 

Certification Mark:

TÜV SÜD PSB

Product: XLPE insulated PVC sheathed cables

**Brand Name:** VOKSEL

Model(s): CU/XLPE/PVC

**Product** Single core cables, Sizes: 1C x 1.5mm² to 1C x 630mm²

Details: See Appendix Issue 1 (1pg)

Standard(s): IEC 60502-1:2009

**Country of Origin INDONESIA** 

Test Report(s): See Appendix Issue 1

(1pg)

Issued on: 2012-05-24

Valid until: 2015-05-23

Products listed under Class 1A must have TÜV SÜD PSB PLS mark as shown above affixed/printed on them. Failure to comply with this requirement may result in revocation of this certificate.

Page 1 of 2

This Certificate is part of a full report and should be read in conjunction with it. This Certificate remains the property of TÜV SÜD PSB Pte Ltd and shall be returned upon request. The use of this Certificate is subjected to TÜV SÜD Group Testing and Certification Regulations; TÜV SÜD PSB Pte Ltd (PSB) General Terms and Conditions of Business and PSB Product Listing Scheme (PLS) Application Fact Sheet. The manufacturer is solely responsible for compliance of any product that has the same designation as the product type-tested. Persons relying on this Certificate should verify its validity by checking TÜV SÜD PSB's website at www.tuv-sud-psb.sq

TUV®

Vice-President (Certification Department)

TÜV SÜD PSB



TO CERTIFICATE OF CONFORMITY NUMBER: CLS1A 12 05 80875 003

Issue Number

1

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Date of Issue

2012-05-24

Issued To

PT VOKSEL ELECTRIC Tbk

Jalan HR. Rasuna Said Block X-5

Kav 1-2

Menara Karya 3rd Floor, Suite D

12950 Jakarta INDONESIA

Test Report(s)

7191027962-EEC12/01-01, 7191027962-EEC12/01-02, 7191027962-EEC12/01-03, 7191027962-EEC12/01-04, 7191027962-EEC12/01-05

Product Details :

Voltage: 600/1000V

Conductor: Stranded circular plain annealed copper wires

Insulation: XLPE (Brown)
Sheath: PVC (Black)

Sizes: 1C x 1.5mm<sup>2</sup> to 1C x 630mm<sup>2</sup>

Signed:

Vice President (Certification Department)

TÜV SÜD PSB

Amendments or additions to this appendix other than those authorised by TÜV SÜD PSB Pte Ltd render the appendix invalid.

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No. CLS1A 12 05 80875 004

Certificate Holder: PT VOKSEL ELECTRIC Tbk

Jalan HR. Rasuna Said Block X-5

Kav 1-2

Menara Karya 3rd Floor, Suite D

12950 Jakarta INDONESIA

Certification Mark:

TÜV SÜD PSB

Product: XLPE insulated PVC sheathed cables

Brand Name: VOKSEL

Model(s): CU/XLPE/PVC

Product Multi core cables, Sizes; 4C x 1.5mm² to 4C x 400mm²

Details: See Appendix Issue 1 (1pg)

**Standard(s):** IEC 60502-1:2009

Country of Origin INDONESIA

Test Report(s): See Appendix Issue 1

(1pg)

**Issued on:** 2012-05-24

Valid until: 2015-05-23

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Vice-President (Certification Department)

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Menara Karya 3rd Floor, Suite D

12950 Jakarta INDONESIA

Test Report(s)

7191027962-EEC12/02-01, 7191027962-EEC12/02-02, 7191027962-EEC12/02-03, 7191027962-EEC12/02-04

Product Details :

Voltage: 600/1000V

Conductor: Stranded circular plain annealed copper wires

Insulation: XLPE (Blue, Brown, Black and Grey)

Filler: PP yarn

Binder: Polyester tape Sheath: PVC (Black)

Sizes: 4C x 1.5mm<sup>2</sup> to 4C x 400mm<sup>2</sup>

Signed:

Vice President (Certification Department)

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No. CLS1A 12 05 80875 001

Certificate Holder: PT VOKSEL ELECTRIC Tbk

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Kav 1-2

Menara Karya 3rd Floor, Suite D

12950 Jakarta INDONESIA

Certification Mark:

TÜV SÜD PSB

Product: Fire Resistant Cables

Brand Name: VOKSEL

Model(s): CU/MICA/XLPE/LSHF

**Product** Single core cables, Sizes: 1C x 1.5mm² to 1C x 630mm²

Details: See Appendix Issue 1 (1pg)

**Standard(s):** SS 299-1/A1:2008

Country of Origin INDONESIA

Test Report(s): See Appendix Issue 1

(1pg)

Issued on: 2012-05-24

**Valid until**: 2015-05-23

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Vice-President (Certification Department)

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Date of Issue

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12950 Jakarta INDONESIA

Test Report(s)

7191030398-EEC12/01-01, 7191030398-EEC12/01-02, 7191030398-EEC12/01-03, 7191030398-EEC12/01-04, 7191030398-EEC12/01-05

Product Details :

Voltage: 600/1000V

Conductor: Stranded circular plain annealed copper wires

Fire Resistant Layer: Mica tape Insulation: XLPE (Brown) Sheath: LSHF (Orange)

Sizes: 1C x 1.5mm2 to 1C x 630mm2

Signed

Vice President (Certification Department)

TÜV SÜD PSB

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No. CLS1A 12 05 80875 002

Certificate Holder: PT VOKSEL ELECTRIC Tbk

Jalan HR. Rasuna Said Block X-5

Kav 1-2

Menara Karya 3rd Floor, Suite D

12950 Jakarta INDONESIA

**Certification Mark:** 

TÜV SÜD PSB

Product: Fire Resistant Cables

Brand Name: VOKSEL

Model(s): CU/MICA/XLPE/LSHF

Product Multi core cables, Sizes: 4C x 1.5mm² to 4C x 95mm²

**Details:** See Appendix Issue 1 (1pg)

**Standard(s):** SS 299-1/A1:2008

Country of Origin INDONESIA

Test Report(s): See Appendix Issue 1

(1pg)

Issued on: 2012-05-24

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Menara Karya 3rd Floor, Suite D

12950 Jakarta INDONESIA

Test Report(s)

7191032128-EEC12,

7191030398-EEC12/02-02

Product Details :

Voltage: 600/1000V

Conductor: Stranded circular plain annealed copper wires

Fire Resistant Layer: Mica tape

Insulation: XLPE (Blue, Brown, Black and Grey)

Sheath: LSHF (Orange)

Sizes: 4C x 1.5mm<sup>2</sup> to 4C x 95mm<sup>2</sup>

Signed

Vice President (Certification Department)

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