



Jeddah^{cables}
COMPANY

A Company of Energya Cables Saudi Arabia

BASEC & KEMA CERTIFICATE



YOUR PERFORMANCE
AT ITS
BEST

BASEC CERTIFICATE



1. BASEC CERTIFICATE



CERTIFICATE OF CONFORMITY

This is to certify that the

Quality Management System

of

**Jeddah Cables Company
Energya Cables Middle East
P.O. Box 31248
Jeddah 21497
Saudi Arabia**

conforms to the requirements of

ISO 9001: 2008

SCOPE OF CERTIFICATION

The design, development, manufacture and supply of the following cable types and products:

**Low Voltage Cables, Medium Voltage Cables, High Voltage Power Cables, Control Cables,
Overhead Lines and Building Wires**

The manufacture and supply of:

Copper Rods, PVC Compounds, Fabrication of Wooden Reels

Certificate No: **CS1-208**

Issue date: 7th July 2011

Date of original certification: 20th August 2008

Expiry Date: 19th August 2014

This certificate is issued subject to and in accordance with BASEC Regulations and continued compliance.

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

 Date 11/7/11

This Certificate and Schedule(s) remains the property of BASEC, and shall be returned when required.
BSF080.002/ A1693 / Issue: 03/ Copy No: 1



KEMA TYPE TEST



2. KEMA TYPE TEST



Type test Certificate of Complete Type Test

Jeddah Cable Company

Jeddah 21497, Kingdom of Saudi Arabia

has successfully passed the type test sequence on a

Power cable

Type: 40/69 (72,5) kV 1x630 mm² CU/XLPE/LLDPE

The test requirements are stated in clause 13 of

IEC 60840

The test results are recorded in Certificate No.

TDT 1002-10

This Certificate is issued on 10 May 2010

KEMA Nederland B.V.

A handwritten signature in blue ink, appearing to be "P.G.A. Bus", written over a faint circular stamp.

P.G.A. Bus
KEMA T&D Testing Services
Managing Director

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Please note that this document has been issued for information purposes only, and that the original bound and sealed paper copy of the Certificate including the results of the tests of the apparatus will prevail. This document does not imply that KEMA has certified or approved any apparatus other than the specimen tested.





TDT 1001-10

TYPE TEST CERTIFICATE OF COMPLETE TYPE TEST**OBJECT** single-core power cable**TYPE** 76/132 kV CU/XLPE/HDPE

Rated voltage, U_0/U (U_m)	76/132 (145) kV	Conductor material	Cu
Conductor cross-section	1x1200 mm ²	Insulation material	XLPE

MANUFACTURER Energya Cables Middle East – Jeddah Cables Company
Jeddah, Kingdom of Saudi Arabia**CLIENT** Energya Cables Middle East – Jeddah Cables Company
Jeddah, Kingdom of Saudi Arabia**TESTED BY** KEMA HIGH-VOLTAGE LABORATORY
Arnhem, the Netherlands**DATE OF TESTS** 17 August 2009 until 31 May 2010

The object, constructed in accordance with the description, drawings and photographs incorporated in this Certificate, has been subjected to the series of proving tests in accordance with

IEC 60840

This Type Test Certificate has been issued by KEMA following exclusively the STL Guides.

The results are shown in the record of Proving Tests and the oscillograms attached hereto. The values obtained and the general performance are considered to comply with the above Standard and to justify the ratings assigned by the manufacturer as listed on page 4.

The Certificate applies only to the object tested. The responsibility for conformity of any object having the same designations with that tested rests with the Manufacturer.

This Certificate consists of 39 pages in total.

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KEMA Nederland B.V.


P.G.A. Bus
KEMA T&D Testing Services
Managing Director

Arnhem, 4 August 2010

Version: 1
Order No: 70770019



07-1026

TYPE TEST CERTIFICATE OF COMPLETE TYPE TEST

OBJECT three-core power cable

TYPE 6,35/11 kV 3x300 mm² Cu/XLPE/SWA/LDPE

Rated voltage	6,35/11 (12) kV	Conductor material	Cu
Conductor cross-section	3x300 mm ²	Insulation material	XLPE

MANUFACTURER Jeddah Cable Company
Jeddah, Saudi Arabia

CLIENT Jeddah Cable Company
Jeddah, Saudi Arabia

TESTED BY KEMA HIGH-VOLTAGE LABORATORY
Arnhem, the Netherlands

DATES OF TESTS 12 June 2007 until 17 July 2007

The apparatus, constructed in accordance with the description, drawings and photographs incorporated in this Certificate, has been subjected to the series of proving tests in accordance with

IEC 60502-2

This Type Test Certificate has been issued by KEMA following exclusively the STL Guides.

The results are shown in the record of Proving Tests and the oscillograms attached hereto. The values obtained and the general performance are considered to comply with the above Standard and to justify the ratings assigned by the manufacturer as listed on page 4.

The Certificate applies only to the object tested. The responsibility for conformity of any object having the same designations with that tested rests with the Manufacturer.

This Certificate consists of 40 sheets in total.

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KEMA Nederland B.V.

P.G.A. Bus
KEMA T&D Testing Services
Managing Director

Arnhem, 23 July 2007





08-1053

TYPE TEST CERTIFICATE OF COMPLETE TYPE TEST**OBJECT** three-core power cable**TYPE** 19/33 kV 3x300 mm² CU/XLPE/STA/HDPE

Rated voltage, (U _p /U _m)	19/33 (36) kV	Conductor material	Cu
Conductor cross-section	3x300 mm ²	Insulation material	XLPE

MANUFACTURER Jeddah Cable Company – Energya Cables – Middle East
Jeddah, Saudi Arabia**CLIENT** Jeddah Cable Company – Energya Cables – Middle East
Jeddah, Saudi Arabia**TESTED BY** KEMA HIGH-VOLTAGE LABORATORY
Arnhem, the Netherlands**DATES OF TESTS** 7 August 2008 until 30 September 2008

The object, constructed in accordance with the description, drawings and photographs incorporated in this Certificate, has been subjected to the series of proving tests in accordance with

IEC 60502-2

This Type Test Certificate has been issued by KEMA following exclusively the STL Guides.

The results are shown in the record of Proving Tests and the oscillograms attached hereto. The values obtained and the general performance are considered to comply with the above Standard and to justify the ratings assigned by the manufacturer as listed on page 4.

The Certificate applies only to the object tested. The responsibility for conformity of any object having the same designations with that tested rests with the Manufacturer.

This Certificate consists of 36 pages in total.

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KEMA Nederland B.V.

P. S. A. Bus
KEMA T&D Testing Services
Managing Director

Arnhem, 12 November 2008

Order No: 70770204

Version: 1



TEST REPORT

Report no. 70670038-HVL 06-1361
Client Jeddah Cable Company
Jeddah, Saudi-Arabia

Concerning tests
Date 18 October up to and including 28 November 2006
Place KEMA High-Voltage Laboratory, Arnhem, the Netherlands
Object 0,6/1 kV LV cable
Type 1x630 mm², Cu/XLPE/PVC
Manufacturer same as client

REQUIREMENTS

The requirements as specified in the standard IEC 60502-1 (2004).

TEST PROGRAMME

For the test programme we refer to pages 2 and 3.

SUMMARY AND CONCLUSION

The results obtained relate only to the work ordered and to the material tested.
The tests as mentioned in the test programme were passed.

Author P.J. Hülkenberg

KEMA Nederland B.V.


P.G.A. Bus
KEMA T&D Testing Services
Managing Director

This report consists of:
22 pages
1 appendix

Arnhem, 30 January 2007

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TEST REPORT

Report no. 70670138-HVL 06-1362
Client Jeddah Cable Company
Jeddah, Saudi-Arabia

Concerning tests
Date 18 October up to and including 6 December 2006
Place KEMA High-Voltage Laboratory, Arnhem, the Netherlands
Object 0,6/1 kV LV cable
Type 4x300 mm², Al/XLPE/PVC
Manufacturer same as client

REQUIREMENTS

The requirements as specified in the standard IEC 60502-1 (2004).

TEST PROGRAMME

For the test programme we refer to pages 2 and 3.

SUMMARY AND CONCLUSION

The results obtained relate only to the work ordered and to the material tested.
The tests as mentioned in the test programme were passed.

Author P.J. Hülkenberg

KEMA Nederland B.V.

P.G.A. Bus
KEMA T&D Testing Services
Managing Director

This report consists of:
12 pages
1 appendix

Arnhem, 30 January 2007



TEST REPORT

Report no. 70670173-HVL 06-1315
Client Jeddah Cable Company
Jeddah, Saudi Arabia

Reference -

Concerning test
Date 16 October 2006 up to and including 12 December 2006
Place KEMA Nederland B.V.,
Arnhem, the Netherlands

Object 450/750 V cable
Type 1x16 mm² Cu/PVC
Manufacturer same as client

REQUIREMENTS

The requirements as specified in the standards IEC 60227-3 (1993) and SSA 1320 (1997)

TEST PROGRAMME

The programme was specified by the client and was as follows:

- 1 Type tests according to IEC 60227-3 (1993) SSA 1320 (1997)

SUMMARY AND CONCLUSION

The results obtained relate only to the work ordered and to the material tested.
The tests were passed.

Author R.J.B. Gruntjes

This report consists of:
3 pages
2 appendices

KEMA Nederland B.V.


P.G.A. Bus
KEMA T&D Testing Services
Managing Director

Arnhem, 18 January 2007



59762510-TOS/MEC 07-9071 Confidential

Testing ACSR/AW "Merlin"

1 x 170,5 cable, according to ASTM B549

Arnhem, 4 April 2007

Author S. van der Weiden
KEMA Technical & Operational Services

By order of Jeddah Cable Company

author : S. van der Weiden	07-04-04	reviewed : H.G. van Zuilten	07-04-
B 7 pages - annexes	WSc	approved : C.A.M. van den Ende	07-04-

TEST CERTIFICATE

Issued to: Jeddah Cables Company
Industrial City Phase III
21497 Jeddah
Saudi Arabia

For the product: PVC insulated, non-sheathed general purpose cable, 450/750 V, single core

Trade name: ENERGIA WIRES

Type/Model: H07V-R (CU/PVC) 1x25 mm²

Ratings: 450/750 V

Manufactured by: Jeddah Cables Company
Industrial City Phase III
21497 Jeddah
Saudi Arabia

Requirements: BS 6004:2000 Incorporating AMD 14195:2004 and AMD 15636:2005

Remarks: The tested cable meets the requirement

This Test Certificate is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no 2151135.52-DCC.

The examination has been carried out on one single specimen of the product, submitted by the manufacturer. The Attestation does not include an assessment of the manufacturer's production. Conformity of his production with the specimen tested by DEKRA is not the responsibility of DEKRA.

Arnhem, 20 February 2012

Number: 2151135.02

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



H.R.M. Barends
Certification Manager

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TEST CERTIFICATE

Issued to: Jeddah Cables Company
Industrial City Phase III
21497 Jeddah
Saudi Arabia

For the product: Single-core non-sheathed cable with rigid conductor for general purposes

Trade name: ENERGIA WIRES

Type: 60227 IEC 01 (CU/PVC) 1x25 mm²

Ratings: 450/750 V

Manufactured by: Jeddah Cables Company
Industrial City Phase III
21497 Jeddah
Saudi Arabia

Requirements: IEC 60227-3:1993 + A1:1997

Remarks: The tested cable meets the requirement

This Test Certificate is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no 2151135.51-DCC.

The examination has been carried out on one single specimen of the product, submitted by the manufacturer. The Attestation does not include an assessment of the manufacturer's production. Conformity of his production with the specimen tested by DEKRA is not the responsibility of DEKRA.

Arnhem, 20 February 2012

Number: 2151135.01

DEKRA Certification B.V.

drs. G.J. Zoetbrood
Managing Director

H.R.M. Barends
Certification Manager

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