



THE INTERNATIONAL CERTIFICATION NETWORK

CERTIFICATE

IQNet and

APCER

hereby certify that the organization

**GENERAL CABLE CELCAT, ENERGIA E
TELECOMUNICAÇÕES, S.A.**

Av. Marquês de Pombal, 36 - Morelena
2715-055 PERO PINHEIRO - PORTUGAL

for the following field of activities

Conception, manufacturing and commercialization of electric cables for energy and copper telephone and data transmission cables as mentioned in attached

has implemented and maintains a

Environmental Management Systems

Which fulfils the requirements of the following standard

ISO 14001:2004

Issued on: 2016-12-22

Validity date: 2018-09-15

Registration Number: PT- 2000/AMB.019

Michael Drechsel
President of IQNet

José Leitão
APCER CEO

Any additional clarification concerning the scope of this certificate may be obtained by consulting APCER.

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**THE INTERNATIONAL CERTIFICATION NETWORK
Annex to the Certificate Nr. 2000/AMB.019**

This certificate contemplates the certified sites of

GENERAL CABLE CELCAT, ENERGIA E TELECOMUNICAÇÕES, S.A.

for the following field of activities

- Solid annealed copper conductors with PVC insulation, for 500V;
- Solid annealed and stranded copper conductors with PVC insulation, for 700V;
- Flexible copper conductors with PVC insulation, for 700V;
- Rigid or flexible copper conductors with PVC insulation and sheath, for 500V;
- Rigid cable with copper or aluminium conductors, cross-linked polyethylene or PVC insulation and PVC sheath, for 1000V;
- Rigid cable with copper or aluminium conductors, with PVC sheath and bedding, steel tape armour, non-flame or non-fire propagation, for 1000V;
- Bundle assembled aerial cable with stranded copper or aluminium conductors and cross-linked polyethylene insulation;
- Rigid cables with copper or aluminium conductors, cross-linked polyethylene insulation, with PVC sheath and bedding, steel tape armour, for 1000V;
- Medium voltage cables with copper or aluminium conductors, cross-linked polyethylene insulation, copper tape or wire individual screen, up to 36 kV;
- Medium voltage cables with copper or aluminium conductors, cross-linked polyethylene insulation, copper wire individual screen, with PVC sheath and bedding, aluminium alloy tape armour, up to 36 kV;
- Medium voltage cables with three copper or aluminium conductors, cross-linked polyethylene insulation, copper tape individual screen, with PVC sheath and bedding, steel tape armour, up to 36kV;
- Internal telephone cables with PVC and polyethylene insulation ;
- Telephone unfilled cables with solid polyethylene insulation up to 2400 pairs;
- Telephone unfilled cables with expanded polyethylene insulation up to 2400 pairs;
- Telephone petroleum jelly filled cables with solid polyethylene insulation up to 2400 pairs;
- Telephone petroleum jelly filled cables with expanded polyethylene insulation up to 2400 pairs;
- Cables for 16 MHz up to 200 pairs with and without improved fire behaviour;
- Data cables of 4 pairs UTP and FTP up to 500 MHz with and without improved fire behaviour;
- Data cables up to 25 pairs and up to 100 MHz with and without improved fire behaviour;
- Cables with improved fire behaviour, non-fire propagation and zero halogens, up to 36kV.

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