

Système Belge d'Accréditation

CERTIFICATION  
PRODUITS  
SYSTEMES  
PERSONNES



A member of EA

Belgisch Accreditatiesysteem

CERTIFICATIE  
PRODUCTEN  
SYSTEMEN  
PERSONEN

## CERTIFICATE OF ACCREDITATION

**No. 041 PR**

*In pursuance of the provisions of the Royal Decree of 6 September 1993 creating the BELCERT system, the Minister of Economy, following the advice of the "Products" Accreditation Board, testifies that the products certification body*

**CEBEC CVBA  
F. Van Kalkenlaan 9A Bus 1  
BE-1070 BRUSSELS BELGIUM**

*is accredited, in conformity with the NBN EN 45011 standard,*

*from 7 May 2002 to 30 November 2004,*

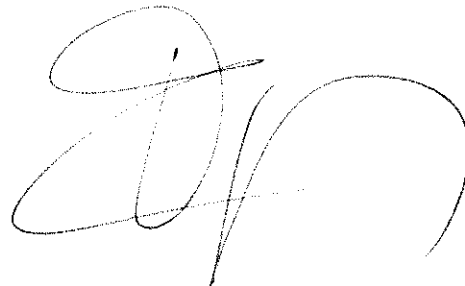
*to carry out the certification of products as described in the annex which is an integral part of the present certificate.*

*The Chairman of the  
"Products" Accreditation Board,*



**Jules DE WINDT.**

*The Minister of Economy,*

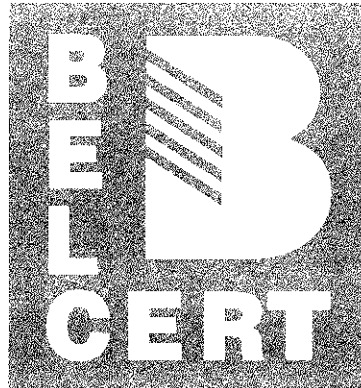


**Fientje MOERMAN.**

*The original version of the present certificate is in Dutch.*

BELCERT SECRETARIAT :  
FEDERAL PUBLIC SERVICE ECONOMY, S.M.E.S, SELF-EMPLOYED AND ENERGY

Bd Simon Bolivar, 30 - 1000 Brussels



## CERTIFICATE OF ACCREDITATION

**No. 041 PR**

***ANNEX - version of 7 May 2003 (page 1/5)***

*(This annex is an integral part of the present certificate and may not be separated from it)*

*The accreditation is issued for the following certification of products :*

- A. products:** components for electrotechnical protection;  
**mark:** INCERT;  
**reference document:** general prescriptions for the tests on alarmsystems according to the technical note T 014 of the BEC;
- B. product certification of Medical devices,** class I, IIa and IIb, according to European directive for Medical Devices (93/42), Annex III and Annex IV, in the range:
- Active Medical Devices, i.e. therapeutic equipments, diagnostic equipments and active medical devices with measuring functions, excluding those using ionising radiation.
  - Non-invasive medical devices, limited to, devices for immobilising or executing force or pressure on the body, devices for supporting patients, devices for different applications such as stethoscopes, non-invasive electrodes, ...
  - Electrical, mechanical and electromagnetical aspects of medical devices using ionizing radiations.
- C. certification of the following electrotechnical or electronic products:**
- 1. Cables and cords**
- PVC and rubber  
*international IEC standards:* 60227, 60245; *europaean EN/HD standards:* HD 21, 22;  
*belgian NBN standards:* HD 21, 22
  - Special cables  
*EN/HD standards:* 359, 360, 586; *NBN standards:* 359, 360, 586
  - Electrical accessories  
*IEC standards:* 60799; *EN/HD standards:* 60799, 50075; *NBN standards:* 60799, 50075



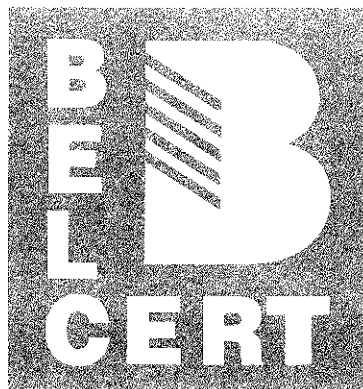
## CERTIFICATE OF ACCREDITATION

**No. 041 PR**

***ANNEX - version of 7 May 2003 (page 2/5)***

*(This annex is an integral part of the present certificate and may not be separated from it)*

- Conductors of insulated cables  
*IEC standards:* 60228, 60287; *EN/HD standards:* HD 383; *NBN standards:* HD 383, C30-228, C33-121, C33-221, C33-321, C33-322
- Test methods  
*IEC standards:* 60811; *EN/HD standards:* 60811; *NBN standards:* 60811
- Tests under fire conditions  
*IEC standards:* 60332; *EN/HD standards:* HD 405; *NBN standards:* HD 405, IEC 502-NAD
- Telecom  
*NBN standards:* 751, 759
  
- 2. Capacitors and components**
  - Motor  
*IEC standards:* 60252; *EN/HD standards:* 60252; *NBN standards:* 60252
  - Components  
*IEC standards:* 60384; *EN/HD standards:* 60384, 132000; *NBN standards:* 60384
  - Lighting  
*IEC standards:* 61048; *EN/HD standards:* 61048; *NBN standards:* 61048
  
- 3. Switches for appliances & automatic controllers for household appliances**
  - Thermal protection  
*IEC standards:* 60691; *EN/HD standards:* 60691; *NBN standards:* 60691
  - Automatic controls  
*IEC standards:* 60730; *EN/HD standards:* 60730; *NBN standards:* 60730
  - Circuit-breakers  
*IEC standards:* 60934; *EN/HD standards:* 60934; *NBN standards:* 60934
  - Switches  
*IEC standards:* 61058; *EN/HD standards:* 61058; *NBN standards:* 61058
  - Contactors  
*IEC standards:* 61095; *EN/HD standards:* 61095; *NBN standards:* 61095



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***ANNEX - version of 7 May 2003 (page 3/5)***

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#### **4. Household & similar equipment**

- Safety of toys

*EN/HD standards: 50088; NBN standards: 50088, C73-335-99-add1*

- Safety of household and electrical appliances

*IEC standards: 60335, 60342; EN/HD standards: 60335, HD 280(73-342); NBN standards: 60335, HD 280(C73-342)*

- Heating appliances

*IEC standards: 60967; EN/HD standards: 60967; NBN standards: C 73-967*

#### **5. Installation accessories & connection devices**

- Conduits and cords

*IEC standards: 60423; EN/HD standards: 50086, 60423; NBN standards: 50086, 60423, C61-113, C63-439-40*

- Plugs and accessories for industrial purposes

*IEC standards: 60309; EN/HD standards: 60309; NBN standards: 60309*

- Low-voltage

*IEC standards: 60439, 60669, 60998; EN/HD standards: 60439, 60669, 60998; NBN standards: 60439, 60669, 60998*

- Appliance plugs and couplers for household

*IEC standards: 60320, 60884; EN/HD standards: 60320, 60884; NBN standards: 60320, 60884, C61-112, C68-685*

#### **6. Lighting**

- Screw and accessories

*IEC standards: 60155, 60238, 60400, 60570; EN/HD standards: 60155, 60238, 60400, 60570; NBN standards: 60155, 60238, 60400, 60570*

- Luminaires

*IEC standards: 60598, 60901; EN/HD standards: 60958; NBN standards: 60598*



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***ANNEX - version of 7 May 2003 (page 4/5)***

*(This annex is an integral part of the present certificate and may not be separated from it)*

- Ballasts and convertors

*IEC standards:* 60920, 60921, 60922, 60923, 60924, 60925, 60926, 60927, 60928, 60929, 61046, 61050; *EN/HD standards:* 60920, 60921, 60922, 60923, 60924, 60925, 60926, 60927, 60928, 60929, 61046, 61050; *NBN standards:* 60920, 60921, 60922, 60923, 60924, 60925, 60926, 60927, 60928, 60929, 61046, 61050

**7. Measuring instruments**

*IEC standards:* 61010; *EN/HD standards:* 61010; *NBN standards:* 61010

**8. Electrical equipment for medical use**

*IEC standards:* 60601; *EN/HD standards:* 60601, HD395; *NBN standards:* 60601, HD395

**9. IT & office equipment**

*IEC standards:* 60950; *EN/HD standards:* 41003, 60950; *NBN standards:* 41003, 60950

**10. Low voltage, high power switching equipment**

*IEC standards:* 60947; *EN/HD standards:* 60947; *NBN standards:* 60947

**11. Installation protective equipment**

- Fuses

*IEC standards:* 60127, 60269; *EN/HD standards:* 60127, HD630; *NBN standards:* 60127, C63-269

- Circuit-breakers

*IEC standards:* 60898, 60691; *EN/HD standards:* 60898, 60691; *NBN standards:* C61-898, 60898, 60691, C61-691

- Residual current

*IEC standards:* 61008, 61009, 61540; *EN/HD standards:* 61008, 61009; *NBN standards:* 61008, 61009

- Prescription RGIE - AREI

*EN/HD standards:* 61540, 61543; *NBN standards:* 61540, 61543, C61-142



## CERTIFICATE OF ACCREDITATION

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***ANNEX - version of 7 May 2003 (page 5/5)***


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12. **Safety transformers & similar equipment**  
*IEC standards:* 60742, 61558; *EN/HD standards:* 50091, 60742, 61558; *NBN standards:* 50091, 60742, 61558
13. **Portable tools**  
*EN/HD standards:* 50144; *NBN standards:* 50144
14. **Electronics, entertainment**  
*IEC standards:* 60065; *EN/HD standards:* 60065; *NBN standards:* 60065
15. **Environmental testing**  
*IEC standards:* 60068; *EN/HD standards:* 50102 (IK), 60068; *NBN standards:* 50102 (IK), 60068
16. **Electrotechnical equipment**  
*IEC standards:* 60529; *EN/HD standards:* 60529; *NBN standards:* 60529, C20-529 (IP)
17. **Laser equipment - Safety**  
*IEC standards:* 60825; *EN/HD standards:* 60825; *NBN standards:* 60825
18. **Electrical equipment of machinery**  
*IEC standards:* 60204, 61310, 61496; *EN/HD standards:* 60204, 61310, 61496, 292, 418, 574, 954, 1050; *NBN standards:* 60204, 61310, 61496, 292, 418, 574, 954, 1050

The Chairman of the  
"Products" Accreditation Board,

  
**Jules DE WINDT.**

The Minister of Economy,

  
**Fientje MOERMAN.**

Validity of the certificate : from 7 May 2002 to 30 November 2004.