

Certificate of Nemko audited Laboratory

EMC Laboratory: **Eleforss Oy
Wahreninkatu 11B
30100 FORSSA**

Scope of
Laboratory: **All standards for EMC and environmental tests that are
listed on the accompanying page.**

Nemko has assessed the quality assurance system, the testing facilities, qualifications and testing practices of the relevant parts of the organization. The laboratory also fulfils the conditions described in Nemko Document NLA -10. During the visit by the Nemko representative it was found that the Laboratory is capable of performing tests within the scope presented below

In order to maintain the position of Nemko audited Laboratory, the information given in the pertinent NLA-10 must be carefully followed. Nemko is to be promptly notified about any changes in the situation at the Laboratory, which may affect the basis for this position. The position may be withdrawn at any time if the conditions are no longer considered to be fulfilled.

The Certificate of Nemko audited Laboratory is valid through [June 30, 2012](#).

Espoo, Finland **June 16, 2010**
For Nemko :



Janne Nyman, Nemko Auditor

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SCOPE OF LABORATORY

BASIC TESTS AND ASSOCIATED STANDARDS

Capability to perform a basic test implies also that any product (family) standard calling up this basic test is also within the scope if mentioned below or not.

<u>Disturbance emissions</u>		
Electromagnetic radiation disturbance, above 1 GHz, re.: EN 55011 (CISPR 11),	Mains terminal disturbance voltage, re.: EN 55011 (CISPR 11), EN 55013 (CISPR 13), EN 55014-1 (CISPR 14-1), EN 55015 (CISPR 15) EN 55022 (CISPR 22)	BLANK
<u>Immunity</u>		
Electrostatic discharge immunity test, re.: EN 61000-4-2 (IEC 61000-4-2)	Radiated, radio-frequency, electromagnetic field immunity test, 80-1000 MHz, re.: EN 61000-4-3 (IEC 61000-4-3)	Electrical fast transient/burst immunity test, re.: EN 61000-4-4 (IEC 61000-4-4)
Surge immunity test, re.: EN 61000-4-5 (IEC 61000-4-5)	Immunity to conducted disturbances, induced by radio-frequency fields, re.: EN 61000-4-6 (IEC 61000-4-6)	Immunity to voltage dips, short interruptions and voltage variation, re.: EN 61000-4-11 (IEC 61000-4-11)
<u>Environmental</u>		
Vibration, re.: IEC 60068-2 IEC 60068-2-27 IEC 60068-2-29 IEC 60068-2-32 IEC 60068-2-64	Temperature shock, re.: IEC 60068-2-1 IEC 60068-2-2 IEC 60068-2-14	BLANK

