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Environmental Engineering (EE); Environmental conditions and environmental tests for telecommunications equipment; Part 1-2: Classification of environmental conditions; Transportation

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

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Environmental conditions and environmental tests
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Foreword

This European Standard (EN) has been produced by ETSI Technical Committee Environmental Engineering (EE).

The present document is part 1, sub-part 2 of a multi-part deliverable covering the classification of environmental conditions and environmental tests for telecommunications equipment, as identified below:

Part 1: "Classification of environmental conditions": (see note 1)

Sub-part 0: "Introduction";

Sub-part 1: "Storage";

Sub-part 2: "Transportation";

Sub-part 3: "Stationary use at weatherprotected locations";

Sub-part 4: "Stationary use at non-weatherprotected locations";

Sub-part 5: "Ground vehicle installations";

Sub-part 6: "Ship environments";

Sub-part 7: "Portable and non-stationary use";

Sub-part 8: "Stationary use at underground locations";

Part 2: "Specification of environmental tests" (see note 2).

NOTE 1: Specifies different standardized environmental classes covering climatic and biological conditions, chemically and mechanically active substances and mechanical conditions during storage, transportation and in use. Sub-part 1-0 forms a general overview of part 1.

NOTE 2: Specifies the recommended test severities and test methods for the different environmental classes.

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Date of adoption of this EN:	21 April 2014
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Date of latest publication of new National Standard or endorsement of this EN (dop/e):	31 January 2015
Date of withdrawal of any conflicting National Standard (dow):	31 January 2015

1 Scope

The present document defines classes of environmental conditions and their severities to which telecommunication equipment may be exposed. The severities specified are those which will have a low probability of being exceeded; generally less than 1 %.

The present document applies to equipment being transported from one place to another after being made ready for dispatch from the manufacturer's works. The most commonly used methods of transportation have been taken into account, i.e. ground, water and air transport. Loading and unloading as well as temporary storage, have been included. Where the equipment is packaged the environmental conditions apply to the packaged equipment.

NOTE: Normal transportation time is considered to be 30 days or less. Where the total transportation time exceeds 30 days then additional storage or packaging precautions should be considered.

2 References

References are either specific (identified by date of publication and/or edition number or version number) or non-specific. For specific references, only the cited version applies. For non-specific references, the latest version of the reference document (including any amendments) applies.

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NOTE: While any hyperlinks included in this clause were valid at the time of publication, ETSI cannot guarantee their long term validity.

2.1 Normative references

The following referenced documents are necessary for the application of the present document.

Not applicable.

2.2 Informative references

The following referenced documents are not necessary for the application of the present document but they assist the user with regard to a particular subject area.

- [i.1] Void.
- [i.2] IEC 60721-3-2:1997: "Classification of environmental conditions - Part 3: Classification of groups of environmental parameters and their severities - Section 2: Transportation".
- [i.3] IEC 60721-2-1:2013: "Classification of environmental conditions. Part 2: Environmental conditions appearing in nature. Temperature and humidity".
- [i.4] IEC 60068-2-27:2008: "Environmental testing. Part 2: Tests. Test Ea and guidance: Shock".
- [i.5] ETSI EN 300 019-2-2 (2012): "Equipment Engineering (EE); Environmental conditions and environmental tests for telecommunications equipment; Part 2-2: Specification of environmental tests; Transportation".

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