

STN	Environmentálne inžinierstvo (EE). Podmienky prostredia a skúšky vplyvu prostredia na telekomunikačné zariadenia. Časť 1-4: Klasifikácia podmienok vplyvu prostredia. Stacionárne použitie na miestach nechránených pred poveternostnými vplyvmi.	STN EN 300 019-1-4 V2.2.1 87 0019
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Environmental Engineering (EE); Environmental conditions and environmental tests for telecommunications equipment; Part 1-4: Classification of environmental conditions; Stationary use at non-weatherprotected locations

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

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**Environmental Engineering (EE);
Environmental conditions and environmental tests
for telecommunications equipment;
Part 1-4: Classification of environmental conditions;
Stationary use at non-weatherprotected locations**

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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 4 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.

National transposition dates	
Date of adoption of this EN:	21 April 2014
Date of latest announcement of this EN (doa):	31 July 2014
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 purpose of the present document is to define a class of environmental conditions and their severities to which equipment may be exposed. Only severe conditions, which may be harmful to the equipment, are included. The severities specified are those which will have a low probability of being exceeded; generally less than 1 %.

The present document applies to equipment mounted for stationary use including periods of erection work, down time, maintenance and repair at non-weatherprotected locations defined in clause 5.

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.

Referenced documents which are not found to be publicly available in the expected location might be found at <http://docbox.etsi.org/Reference>.

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2.1 Normative references

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

- [1] ETSI EN 300 019-1-3 (2009): "Environmental Engineering (EE); Environmental conditions and environmental tests for telecommunications equipment; Part 1-3: Classification of environmental conditions; Stationary use at weatherprotected locations".

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 60721-3-4:1995: "Classification of environmental conditions - Part 3: Classification of groups of environmental parameters and their severities - Section 4: Stationary use at non-weatherprotected locations".
- [i.3] IEC 60721-2-4:2002: "Classification of environmental conditions - Part 2: Environmental conditions appearing in nature. Solar radiation and temperature".
- [i.4] IEC 60068-2-27:2008: "Environmental testing. Part 2: Tests. Test Ea and guidance: Shock".
- [i.5] IEC 60721-2-6:1990: "Classification of environmental conditions. Part 2: Environmental conditions appearing in nature - Earthquake vibration and shock".
- [i.6] IEC 60068-3-3:1991: "Environmental testing - Part 3: Guidance. Seismic test methods for equipment".
- [i.7] ETSI EN 300 019-2-4 (2013): "Environmental Engineering (EE); Environmental conditions and environmental tests for telecommunications equipment; Part 2-4: Specification of environmental tests; Stationary use at non-weatherprotected locations".

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