
Okoljski inženiring (EE) - Okoljski pogoji in preskusi vplivov okolja na telekomunikacijsko opremo - 2-3. del: Specifikacija preskusov vplivov okolja - Stacionarna uporaba na lokacijah, zaščitениh pred vremenskimi vplivi

Environmental Engineering (EE) - Environmental conditions and environmental tests for telecommunications equipment - Part 2-3: Specification of environmental tests - Sub-part 3: Stationary use at weatherprotected locations

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ICS:

19.040	Preskušanje v zvezi z okoljem	Environmental testing
33.050.01	Telekomunikacijska terminalska oprema na splošno	Telecommunication terminal equipment in general

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**Environmental Engineering (EE);
Environmental conditions and environmental tests
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Part 2: Specification of environmental tests;
Sub-part 3: Stationary use at weatherprotected locations**

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Foreword

This draft European Standard (EN) has been produced by ETSI Technical Committee Environmental Engineering (EE), and is now submitted for the combined Public Enquiry and Vote phase of the ETSI EN Approval Procedure (ENAP).

The present document is part 2, sub part 3 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)

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

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".

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.

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

Proposed national transposition dates	
Date of latest announcement of this EN (doa):	3 months after ETSI publication
Date of latest publication of new National Standard or endorsement of this EN (dop/e):	6 months after doa
Date of withdrawal of any conflicting National Standard (dow):	6 months after doa

Modal verbs terminology

In the present document "**shall**", "**shall not**", "**should**", "**should not**", "**may**", "**need not**", "**will**", "**will not**", "**can**" and "**cannot**" are to be interpreted as described in clause 3.2 of the [ETSI Drafting Rules](#) (Verbal forms for the expression of provisions).

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1 Scope

The present document specifies test severities and methods for the verification of the required resistibility of equipment according to the relevant environmental class.

The tests in the present document apply to stationary use of equipment at weatherprotected locations covering the environmental conditions stated in ETSI EN 300 019-1-3 [1].

2 References

2.1 Normative 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 referenced document (including any amendments) applies.

Referenced documents which are not found to be publicly available in the expected location might be found in the [ETSI docbox](#).

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

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

- [1] [ETSI EN 300 019-1-3 \(V3.1.1\) \(2026\)](#): "Environmental Engineering (EE); Environmental conditions and environmental tests for telecommunications equipment; Part 1: Classification of environmental conditions; Sub-part 3: Stationary use at weatherprotected locations".
- [2] [IEC 60068-2-1:2025](#): "Environmental testing - Part 2-1: Tests - Test A: Cold".
- [3] Void.
- [4] [IEC 60721-3-3:2019](#): "Classification of environmental conditions - Part 3-3: Classification of groups of environmental parameters and their severities - Stationary use at weatherprotected locations".
- [5] [IEC 60068-2-6:2007](#): "Environmental testing - Part 2-6: Tests - Test Fc: Vibration (sinusoidal)".
- [6] [IEC 60068-2-2:2025](#): "Environmental testing - Part 2-2: Tests - Test B: Dry heat".
- [7] [IEC 60068-2-14:2023](#): "Environmental testing - Part 2-14: Tests - Test N: Change of temperature".
- [8] [IEC 60068-2-78:2025](#): "Environmental testing - Part 2-78: Tests - Test Cab: Damp heat, steady state".
- [9] [IEC 60068-2-30:2025](#): "Environmental testing - Part 2-30: Tests - Test Db: Damp heat, cyclic (12 h + 12 h cycle)".
- [10] [IEC 60068-2-64:2008+AMD1:2019](#): "Environmental testing - Part 2-64: Tests - Test Fh: Vibration, broadband random and guidance".
- [11] Void.
- [12] [IEC 60068-2-57:2013](#): "Environmental testing - Part 2-57: Tests - Test Ff: Vibration - Time-history and sine-beat method".
- [13] [IEC 60068-2-68:1994](#): "Environmental testing - Part 2-68: Tests - Test L: Dust and sand".
- [14] [IEC 60068-2-13:2021](#): "Environmental testing - Part 2-13: Tests - Test M: Low air pressure".
- [15] [IEC 60068-2-18:2017](#): "Environmental testing - part 2-18: Tests - Test R and guidance: Water".

- [16] [ISO 9223:2012](#): "Corrosion of metals and alloys — Corrosivity of atmospheres — Classification, determination and estimation".

2.2 Informative references

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The following referenced documents may be useful in implementing an ETSI deliverable or add to the reader's understanding, but are not required for conformance to the present document.

- [i.1] ETSI EN 300 019-1-0: "Environmental Engineering (EE); Environmental conditions and environmental tests for telecommunications equipment; Part 1-0: Classification of environmental conditions; Introduction".
- [i.2] ETSI EN 300 019-2-0: "Environmental Engineering (EE); Environmental conditions and environmental tests for telecommunications equipment; Part 2: Specification of environmental tests; Sub-part 0: Introduction".
- [i.3] ISO 9226:2012: "Corrosion of metals and alloys — Corrosivity of atmospheres — Determination of corrosion rate of standard specimens for the evaluation of corrosivity".

3 Definition of terms, symbols and abbreviations

3.1 Terms

For the purposes of the present document, the terms given in ETSI EN 300 019-1-0 [i.1] apply.

3.2 Symbols

Void.

3.3 Abbreviations

Void.

4 Environmental test specifications

4.0 General

The equipment shall be tested in its operational state throughout the test conditions described in the present document. The detailed descriptions of the environmental conditions are given in clauses 4 and 5 of ETSI EN 300 019-1-3 [1].

ETSI EN 300 019-2-0 [i.2] forms a general overview of part 2 of this multi-part deliverable.