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Environmental Engineering (EE); Environmental conditions and environmental tests for telecommunications equipment; Part 2: Specification of environmental tests; Sub-part 0: Introduction

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

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650 Route des Lucioles
F-06921 Sophia Antipolis Cedex - FRANCE

Tel.: +33 4 92 94 42 00 Fax: +33 4 93 65 47 16

Siret N° 348 623 562 00017 - APE 7112B
Association à but non lucratif enregistrée à la
Sous-Préfecture de Grasse (06) N° w061004871

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Foreword

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

The present document is part 2, sub-part 0 of a multi-part deliverable covering environmental conditions and environmental tests for telecommunications equipment, as identified below:

Part 1: "Classification of environmental conditions";

Part 2: "Specification of environmental tests";

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 1 specifies different standardized environmental classes covering climatic, biological, chemically and mechanically active substances, and mechanical conditions during storage, transportation and in use.

Part 2 specifies the test severities, test methods and performance criteria for the different environmental classes.

National transposition dates	
Date of adoption of this EN:	9 August 2022
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Date of latest publication of new National Standard or endorsement of this EN (dop/e):	31 May 2023
Date of withdrawal of any conflicting National Standard (dow):	31 May 2023

Modal verbs terminology

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1 Scope

The present document specifies the test severities and methods for verification of the required resistibility for equipment which is to be stored, transported and used in the environments which characteristics are defined in ETSI EN 300 019-1 [2].

The purpose of the present document is to provide a general overview of ETSI EN 300 019-2 [3].

ETSI TR 100 035 [i.1] should be used in conjunction with ETSI EN 300 019 multi-parts deliverable [2] and [3]. It gives an introduction to the main concepts of environmental engineering, the purpose and use of environmental classes and the corresponding test philosophy.

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.

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

- [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".
- [2] ETSI EN 300 019-1 (all sub-parts): "Environmental Engineering (EE); Environmental conditions and environmental tests for telecommunications equipment; Part 1: Classification of environmental conditions".
- [3] ETSI EN 300 019-2 (all sub-parts): "Environmental Engineering (EE); Environmental conditions and environmental tests for telecommunications equipment; Part 2: Specification of environmental tests".
- [4] Void.
- [5] IEC 60068-2 series: "Environmental testing".

2.2 Informative references

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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] ETSI TR 100 035: "Environmental Engineering (EE); Environmental engineering; Guidance and terminology".

- [i.2] IEC 60721-2-4: "Classification of environmental conditions - Part 2-4: Environmental conditions appearing in nature - Solar radiation and temperature".
- [i.3] IEC 60068-2-5: "Environmental testing - Part 2-5: Tests - Test S: Simulated solar radiation at ground level and guidance for solar radiation testing and weathering".

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