



# SLOVENSKI STANDARD

## SIST ETS 300 019-1-2 E1:2006

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**Inženiring opreme – Okoljski pogoji in preskusi vplivov okolja na telekomunikacijsko opremo – 1-2. del: : Klasifikacija okoljskih pogojev – Prevoz**

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

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**Ta slovenski standard je istoveten z: ETS 300 019-1-2 Edition 1**

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**ICS:**

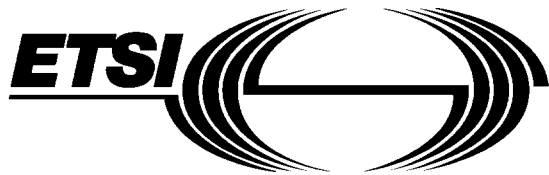
19.040	Preskušanje v zvezi z okoljem	Environmental testing
33.050.01	Telekomunikacijska terminalska oprema na splošno	Telecommunication terminal equipment in general

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**Equipment Engineering**  
**Environmental conditions and environmental tests for**  
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**Part 1-2: Classification of environmental conditions**  
**Transportation**

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## Foreword

This multi-part European Telecommunication Standard (ETS) has been produced by the Equipment Engineering (EE) Technical Committee of the European Telecommunications Standards Institute (ETSI).

This standard is concerned with environmental conditions and environmental tests for telecommunications equipment and comprises two main parts, each with subdivisions:

- ETS 300 019-1: "Classification of environmental conditions".

This part of the standard, Part 1, specifies different standardised environmental classes covering climatic and biological conditions, chemically and mechanically active substances and mechanical conditions during storage, transportation and in use.

- ETS 300 019-2: "Specification of environmental tests".

This part of the standard will specify the test requirements for the different environmental classes.

Each part of the standard is divided into sub-parts. Sub-part 1-0 will form a general overview of Part 1. This sub-part, Sub-part 1-2, deals with transportation.

This part of the standard (Part 1) was submitted to Public Enquiry as prETS 300 019 Part B. The original Part A is to be published as ETSI Technical Report ETR 035 entitled: "Equipment Engineering (EE); Environmental engineering Guidance and terminology".

Annex A to this sub-part is normative.

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## 1 Scope

The purpose of this sub-part of this standard is to define the classes of environmental conditions and their severities to which equipment may be exposed when being transported. 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 %.

This sub-part 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 packaging protecting the 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 must be considered.

## 2 Normative references

This ETS incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to, or revisions of any of these publications apply to this ETS only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

- [1] ETR 035: "Equipment Engineering (EE): Environmental engineering Guidance and terminology"
- [2] IEC Publication 721-3-2: "Transportation".
- [3] IEC Publication 721-2-1: "Temperature and Humidity".
- [4] IEC Publication 68-2-27: "Test Ea: Shock".

## 3 Definitions

In this sub-part of this standard, the following definitions apply:

**Weatherprotected:** The equipment, packaged or unpackaged, is contained within an enclosure which affords some protection from the environment, ranging from a temperature controlled container to a waterproof cover placed over the equipment. Ventilation ranges from controlled air flow to the raising of part of a waterproof cover to allow for natural air flow.

**Non-weatherprotected:** The equipment, packaged or unpackaged, is not protected in any way from the environment.