



SLOVENSKI STANDARD

SIST ETS 300 019-1-8 E1:2006

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Inženiring opreme (EE) – Okoljski pogoji in preskusi vplivov okolja na telekomunikacijsko opremo – 1-8. del: : Klasifikacija okoljskih pogojev – Fiksna uporaba na podzemnih lokacijah

Equipment Engineering (EE); Environmental conditions and environmental tests for telecommunications equipment; Part 1-8: Classification of environmental conditions; Stationary use at underground locations

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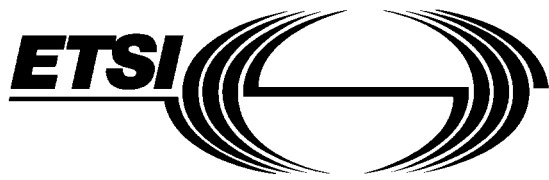
19.040	Preskušanje v zvezi z okoljem	Environmental testing
33.050.01	Telekomunikacijska terminalska oprema na splošno	Telecommunication terminal equipment in general

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**Equipment Engineering (EE);
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Part 1-8: Classification of environmental conditions
Stationary use at underground locations**

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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 ETS consists of 2 parts as follows:

Part 1: "Classification of environmental conditions";

Part 2: "Specification of environmental tests".

Part 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.

Part 2 specifies the recommended test requirements for the different environmental classes.

Each part of the standard is divided into sub-parts. Sub-part 1-0 forms a general overview of part 1. This sub-part 1-8, deals with stationary use at underground locations and supersedes the application of class 3.2 in ETS 300 019-1-3 for such locations.

Transposition dates	
Date of adoption:	5 September 1997
Date of latest announcement of this ETS (doa):	31 December 1997
Date of latest publication of new National Standard or endorsement of this ETS (dop/e):	30 June 1998
Date of withdrawal of any conflicting National Standard (dow):	30 June 1998

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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 at specified locations below ground level. The severities specified are those which will have a low probability of being exceeded; generally less than 1 %.

This sub-part applies to equipment installed for stationary use at underground locations during:

- normal operation;
- on site installation and lining up;
- repair, maintenance and restoration of functions failed.

2 Normative references

This ETS incorporates by dated and 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] [reserved]
- [2] [reserved]
- [3] IEC Publication 721-3-3: "Stationary use at weatherprotected locations".
- [4] IEC Publication 68-2-27: "Test Ea: Shock".
- [5] IEC Publication 721-2-6: "Earthquake vibration and shock".
- [6] IEC Publication 68-3-3: "Guidance. Seismic test methods for equipment".

3 Definitions and abbreviations

3.1 Definitions

For the purposes of this ETS, the following definitions apply:

stationary use: The equipment is permanently placed at a certain site. It is not intended for portable use but short periods of handling during erection work, down time, maintenance and repair at the location are accepted.

totally weatherprotected location: Direct weather influences are totally excluded.

partly weatherprotected location: Direct weather influences are not completely excluded.

3.2 Abbreviations

For the purposes of this ETS, the following abbreviations apply:

RS	Response Spectrum
ZPA	Zero Period Acceleration