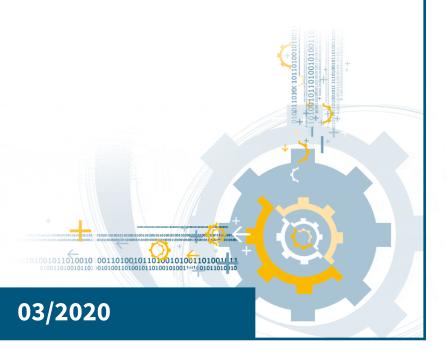


Institut luxembourgeois de la normalisation de l'accréditation, de la sécurité et qualité des produits et services

ILNAS-EN 300 019-2-8 V2.2.1 (2020-03)

Environmental Engineering (EE);
Environmental conditions and
environmental tests for
telecommunications equipment; Part



National Foreword

This European Standard EN 300 019-2-8 V2.2.1 (2020-03) was adopted as Luxembourgish Standard ILNAS-EN 300 019-2-8 V2.2.1 (2020-03).

Every interested party, which is member of an organization based in Luxembourg, can participate for FREE in the development of Luxembourgish (ILNAS), European (CEN, CENELEC) and International (ISO, IEC) standards:

- Participate in the design of standards
- Foresee future developments
- Participate in technical committee meetings

https://portail-qualite.public.lu/fr/normes-normalisation/participer-normalisation.html

THIS PUBLICATION IS COPYRIGHT PROTECTED

Nothing from this publication may be reproduced or utilized in any form or by any mean - electronic, mechanical, photocopying or any other data carries without prior permission!

ILNAS-EN 300 019-2-8 V2.2.1 (2020-03) - Preview only Copy via ILNAS e-Shop

ETSI EN 300 019-2-8 V2.2.1 (2020-03)



Environmental Engineering (EE);
Environmental conditions and environmental tests for telecommunications equipment;
Part 2-8: Specification of environmental tests;
Stationary use at underground locations

Reference

REN/EE-017006

Keywords

environment, equipment practice, testing

ETSI

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 - NAF 742 C Association à but non lucratif enregistrée à la Sous-Préfecture de Grasse (06) N° 7803/88

Important notice

The present document can be downloaded from: http://www.etsi.org/standards-search

The present document may be made available in electronic versions and/or in print. The content of any electronic and/or print versions of the present document shall not be modified without the prior written authorization of ETSI. In case of any existing or perceived difference in contents between such versions and/or in print, the prevailing version of an ETSI deliverable is the one made publicly available in PDF format at www.etsi.org/deliver.

Users of the present document should be aware that the document may be subject to revision or change of status.

Information on the current status of this and other ETSI documents is available at

https://portal.etsi.org/TB/ETSIDeliverableStatus.aspx

If you find errors in the present document, please send your comment to one of the following services: https://portal.etsi.org/People/CommitteeSupportStaff.aspx

Copyright Notification

No part may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm except as authorized by written permission of ETSI.

The content of the PDF version shall not be modified without the written authorization of ETSI.

The copyright and the foregoing restriction extend to reproduction in all media.

© ETSI 2020. All rights reserved.

DECT™, **PLUGTESTS™**, **UMTS™** and the ETSI logo are trademarks of ETSI registered for the benefit of its Members. **3GPP™** and **LTE™** are trademarks of ETSI registered for the benefit of its Members and of the 3GPP Organizational Partners.

oneM2M[™] logo is a trademark of ETSI registered for the benefit of its Members and of the oneM2M Partners.

GSM® and the GSM logo are trademarks registered and owned by the GSM Association.

Contents

Intel	lectual Property Rights	4
Fore	word	
	lal verbs terminology	
1	Scope	
1	scope	
2	References	5
2.1	Normative references	5
2.2	Informative references	6
3	Definition of terms, symbols and abbreviations	6
3.1	Terms	
3.2	Symbols	
3.3	Abbreviations	
4	Environmental test specifications	6
4.0	General	
4.1	Equipment setup and configuration	
4.2	Performance criteria	
4.3	Specification T 8.1: Partly weatherprotected underground locations	7
5	Earthquake test specification	11
5.0	General	
5.1	Vibration response investigation	11
5.2	Test conditioning	
Ann	ex A (informative): Bibliography	14
	ory	

Intellectual Property Rights

Essential patents

IPRs essential or potentially essential to normative deliverables may have been declared to ETSI. The information pertaining to these essential IPRs, if any, is publicly available for **ETSI members and non-members**, and can be found in ETSI SR 000 314: "Intellectual Property Rights (IPRs); Essential, or potentially Essential, IPRs notified to ETSI in respect of ETSI standards", which is available from the ETSI Secretariat. Latest updates are available on the ETSI Web server (https://ipr.etsi.org/).

Pursuant to the ETSI IPR Policy, no investigation, including IPR searches, has been carried out by ETSI. No guarantee can be given as to the existence of other IPRs not referenced in ETSI SR 000 314 (or the updates on the ETSI Web server) which are, or may be, or may become, essential to the present document.

Trademarks

The present document may include trademarks and/or tradenames which are asserted and/or registered by their owners. ETSI claims no ownership of these except for any which are indicated as being the property of ETSI, and conveys no right to use or reproduce any trademark and/or tradename. Mention of those trademarks in the present document does not constitute an endorsement by ETSI of products, services or organizations associated with those trademarks.

Foreword

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

The present document is part 2, sub-part 8 of a multi-part deliverable. Full details of the entire series can be found in part 2, sub-part 0 [i.1].

National transposition dates		
Date of adoption of this EN:	9 March 2020	
Date of latest announcement of this EN (doa):	30 June 2020	
Date of latest publication of new National Standard or endorsement of this EN (dop/e):	31 December 2020	
Date of withdrawal of any conflicting National Standard (dow):	31 December 2020	

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 <u>ETSI Drafting Rules</u> (Verbal forms for the expression of provisions).

"must" and "must not" are NOT allowed in ETSI deliverables except when used in direct citation.