

STN	Vonkajšie elektrické vedenia so striedavým napätím nad 1 kV Časť 2-13: Národné normatívne hľadiská (NNA) pre TALIANSKO (založené na EN 50341-1: 2012)	STN EN 50341-2-13 33 3300
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Overhead electrical lines exceeding AC 1 kV - Part 2-13: National Normative Aspects (NNA) for ITALY (based on EN 50341-1:2012)

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

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 07/17

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Úrad pre normalizáciu, metrológiu a skúšobníctvo Slovenskej republiky, 2017
Podľa zákona č. 264/1999 Z. z. o technických požiadavkách na výrobky a o posudzovaní zhody a o zmene a doplnení niektorých zákonov v znení neskorších predpisov sa slovenská technická norma a časti slovenskej technickej normy môžu rozmnožovať alebo rozširovať len so súhlasom slovenského národného normalizačného orgánu.

EUROPEAN STANDARD

EN 50341-2-13

NORME EUROPÉENNE

EUROPÄISCHE NORM

January 2017

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English Version

**Overhead electrical lines exceeding AC 1 kV - Part 2-13:
National Normative Aspects (NNA) for ITALY (based on EN
50341-1:2012)**

Lignes électriques aériennes dépassant 1 kV en courant
alternatif - Partie 2-13: Aspects normatifs nationaux (NNA)
pour l'ITALIE (basés sur l'EN 50341-1:2012)

This European Standard was approved by CENELEC on 2016-12-13.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.



European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

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European foreword

1. The Italian National Committee (NC) is identified by the following address:

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2. The Italian NC has prepared this Part 2-13 (EN 50341-2-13) listing the Italian National Normative Aspects (NNA) under its sole responsibility and duly passed it through the CENELEC and CLC/TC 11 procedures.

NOTE: The Italian NC takes sole responsibility for the technically correct co-ordination of this NNA with EN 50341-1. It has performed the necessary checks in the frame of quality assurance/control. However, it is noted that this quality control has been already made in the framework of the general responsibility of a standards committee under the national laws/regulations.

3. This NNA is normative in Italy and informative for other countries.
4. This NNA has to be read in conjunction with Part 1 (EN 50341-1). All clause numbers used in this NNA correspond to those of Part 1. Specific subclauses, which are prefixed "IT", are to be read as amendments to the relevant text in Part 1. Any necessary clarification regarding the application of this NNA in conjunction with Part 1, shall be referred to the Italian NC who will, in co-operation with CLC/TC 11, clarify the requirements.

When no reference is made in this NNA to a specific subclause, then Part 1 applies.

5. In the case of "boxed values" defined in Part 1, amended values (if any), which are defined in this NNA, shall be taken into account in Italy.
However, any boxed value, whether defined in Part 1 or in this NNA, shall not be amended in the direction of greater risk in a Project Specification.
6. The national Italian standards/regulations related to overhead electrical lines exceeding 1 kV (AC) are listed in subclause 2.1/IT.1 and 2.1/IT.2.

NOTE: All national standards referred to in this NNA will be replaced by the relevant European Standards as soon as they become available and are declared by the Italian NC to be applicable and thus reported to the secretary of CLC/TC 11.

1 Scope

1.1 General

(ncpt)

IT.1 New overhead line

This NNA (National Normative Annex) is only applicable to all new overhead lines equipped with bare conductors, covered conductors or cables, with voltages above 1kV AC. This standard is not applicable to overhead lines pre-existing before its coming into force and shall not be applied to maintenance or reconductoring; the standard can be applied in case of significant modifications of existing lines.

1.2 Field of application

(ncpt)

IT.1 Field of application

This standard specifies the general safety requirements, clarifies the actions that shall be carried out in the project and their relevant combinations, defines the characteristics of materials, products and any other aspects relevant to safety of electrical overhead lines as reported in the following clause 2. With reference to structural safety aspects, in absence of specific indications, and as an integration to this standard, the dispositions reported in “Norme tecniche sulle costruzioni” apply (see subclause 2.1).

For what concerns structural aspects this standard applies also to D.C. overhead lines.

For details concerning the application of this standard to telecommunication systems involving optical fibres either incorporated in or wrapped around earth-wires or conductors or suspended from overhead line supports, reference should be made to the Project Specifications.

2 Normative references, definitions and symbols

2.1 Normative references

(A-dev)

IT.1 National normative laws, government regulations

List of Law Decrees, Ministerial Decrees, Decrees of the President of the Minister's Council:

- In the following text the new Italian Technical Standard, reported in the Ministerial Decree 14.01.2008 promulgated in force of article 5, subsection 2 of Law Decree 28 May 2004 n. 136 turned into law 27.07.2004 n. 186 and the articles 52 e 83 of D.P.R. 06.06.2001, n. 380, contained the “*Testo Unico delle disposizioni legislative e regolamentari in materia edilizia*” will be referred as “*Norme tecniche sulle costruzioni*”.

- Decree of the President of the Ministers' Council, 23 April 1992.

Limiti massimi di esposizione ai campi elettrico e magnetico generati alla frequenza industriale nominale (50 Hz) negli ambienti abitativi e nell'ambiente esterno.

Maximum limits of exposure to power frequency (50 Hz) electric and magnetic fields in inhabited buildings and external environment.

- Decree of the Ministers of Public Works and of Internal Affairs, 16 January 1996.

Technical standard related to “*Criteri generali per la verifica di sicurezza delle costruzioni e dei carichi e sovraccarichi*”.

- Decree of the President of the Ministers' Council, 8 July 2003.

“Fissazione dei limiti di esposizione, dei valori di attenzione e degli obiettivi di qualità per la protezione della popolazione dalle esposizioni ai campi elettrici e magnetici alla frequenza di rete (50 Hz) generati dagli elettrodotti”.

Prescription of the exposition limits, attention values and quality objectives for the protection of people from the expositions to electrical and magnetic fields at power frequency (50 Hz).

(ncpt)

IT.2 National technical standards

List of Standard:

- CEI 103-6 (1997-12)

Protezione delle linee di telecomunicazione agli effetti dell'induzione elettromagnetica provocata dalle linee elettriche vicine in caso di guasto.

Protection of telecommunication lines against harmful effects produced by power lines in fault conditions

- CEI 7-1 (1997-09)

Norme per conduttori di rame e leghe di rame per linee elettriche aeree.

Requirements for copper and copper-alloy conductors for electrical overhead lines.

- CEI 7-2 (1997-09)

Norme per conduttori di alluminio, alluminio-acciaio, lega di alluminio, e lega di alluminio-acciaio per linee elettriche aeree.

Requirements for all aluminium, aluminium-steel reinforced, all aluminium alloy and aluminium alloy-steel reinforced conductors for electrical overhead lines.

- CEI 7-6 (1997-04)

Norme per il controllo della zincatura a caldo per immersione su elementi di materiale ferroso destinati a linee e impianti elettrici.

Requirements for checking hot galvanizing by immersion on ferrous components used in lines and electrical installations.

- CEI 7-10 (1997-09)

Norme per conduttori di acciaio rivestito di rame a filo unico ovvero cordati destinati a linee di telecomunicazione ed a linee di trasporto energia.

Requirements for copper clad steel conductors, single wire and stranded, for telecommunication and power lines.

- CEI 7-11 (1997-09)

Norme per conduttori di acciaio rivestito di alluminio a filo unico e a corda per linee elettriche aeree.

Requirements for aluminium clad steel conductors, single wire and stranded, for electrical overhead lines.

- Guida CEI 36 (1997-10)

Resistenza meccanica residua di elementi di catene di isolatori di vetro o di ceramica per linee aeree dopo il danneggiamento meccanico della parte isolante.

Residual strength of insulators units of glass or ceramic materials for overhead lines after mechanical damage of dielectric.

–CEI EN 50443 (2012-12)

Effetti delle interferenze elettromagnetiche sulle tubazioni causate da sistemi di trazione elettrica ad alta tensione in corrente alternata e/o da sistemi di alimentazione ad alta tensione in corrente alternata.

Effects of electromagnetic interference on pipelines caused by high voltage a.c. electric traction system and/or high voltage a.c. power supply system.

–CEI UNI EN ISO/IEC 17065 (2012-12) (CEI 501-22) ex EN 45011

Valutazione della conformità - Requisiti per organismi che certificano prodotti, processi e servizi.

Conformity assessment – Requirements for bodies certifying products, processes and services.

koniec náhľadu – text ďalej pokračuje v platenej verzii STN