BSI Standards Publication

Overhead electrical lines exceeding AC 1 kV

Part 2-2: National Normative Aspects (NNA) for
BELGIUM (based on EN 50341-1:2012)

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National foreword

This British Standard is the UK implementation of EN 50341-2-2:2019.

This standard, together with the following list of National Normative Aspect standards, supersedes BS EN 50423-3:2005 and BS EN 50341-3:2001.

Country Code	Origin	Ref
AT	Austrian National Committee	BS EN 50341-2-1
BE	Belgian National Committee	BS EN 50341-2-2:2019
CH	Swiss National Committee	BS EN 50341-2-3
DE	German National Committee	BS EN 50341-2-4:2019
DK	Danish National Committee	BS EN 50341-2-5:2017
ES	Spanish National Committee	BS EN 50341-2-6:2017
FI	Finnish National Committee	BS EN 50341-2-7:2015
FR	French National Committee	BS EN 50341-2-8:2017
GB	British National Committee	BS EN 50341-2-9:2017+A1:2018
GR	Greek National Committee	BS EN 50341-2-10
IE	Irish National Committee	BS EN 50341-2-11
IS	Iceland National Committee	BS EN 50341-2-12:2018
IT	Italian National Committee	BS EN 50341-2-13:2017+A1:2017
LU	Luxemburg National Committee	No NNA available
NL	Nederland's National Committee	BS EN 50341-2-15:2019
NO	Norwegian National Committee	BS EN 50341-2-16:2016
PT	Portuguese National Committee	BS EN 50341-2-17
SE	Swedish National Committee	BS EN 50341-2-18:2016
CZ	Czech National Committee	BS EN 50341-2-19:2015
EE	Estonian National Committee	BS EN 50341-2-20:2018
PL	Polish National Committee	BS EN 50341-2-22:2016
SK	Slovak National Committee	BS EN 50341-2-23:2016

BS EN 50423-3:2005 and BS EN 50341-3:2001 will be withdrawn upon publication of the rest of the series.

The UK participation in its preparation was entrusted to Technical Committee PEL/11, Overhead Lines.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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Compliance with a British Standard cannot confer immunity from legal obligations.

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 30 June 2019.

Amendments/corrigenda issued since publication

Date	Text affected

EUROPEAN STANDARD **EN 50341-2-2**

EUROPÄISCHE NORM

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English Version

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

This European Standard was approved by CENELEC on 2019-04-10.

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: Rue de la Science 23, B-1040 Brussels

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European foreword

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

Belgian Electrotechnical Committee (BEC)

Diamant Building
Boulevard Reyerslaan, 80
B-1030 Brussels
Belgium

Contact The secretary of SC11
E-mail centraloffice@ceb-bec.be
Phone +32 2 706 85 70

2 The Belgian NC has prepared this Part 2-2 (EN 50341-2-2) listing the Belgian National Normative Aspects (NNA), under its sole responsibility, and duly passed it through the CENELEC and CLC/TC11 procedures.

NOTE The Belgian NC also 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 made in the framework of the general responsibility of a standards committee under the national laws/regulations.

3 This NNA is normative in Belgium 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 “BE”, 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 Belgian NC who will, in co-operation with CLC/TC11, clarify the requirements.

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

5 In case of “boxed values” defined in Part 1, amended values (if any), which are defined in this NNA shall be taken into account in Belgium.

However, any boxed value, whether in Part 1 or this NNA, shall not be amended in the direction of greater risk in a Project Specification.

6 The national Belgian standards/regulations related to overhead electrical lines exceeding 1 kV (AC) are listed in subclauses 2.1/BE.1 and BE.2.

Only significant extracts and summaries of the Belgian national regulations are presented in the A-deviations. They must be read in conjunction with the Belgian national regulations identified in 2.1/BE.1 which is in any case the relevant document.

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 Belgian NC to be applicable and thus reported to the secretary of CLC/TC11.

7 Supplementary requirements in this NNA in addition to the part 1 are indicated by preceding the corresponding paragraphs by (snc) or (ncpt).

Paragraphs preceded by (A-dev) are required by national law: i.e. the General Regulations of the Electrical Installations (GREI).

1 Scope

1.1 General

BE.1 Scope of Part 1 and Part 2-2

(ncpt) Part 1 and the present Part 2-2 are only applicable to completely new or completely replaced overhead lines between two points, A and B, as well as to new supports on new foundations with nominal voltages above AC 50 kV.

(A-dev) Overhead lines or supports with nominal voltages exceeding AC 1 kV up to and including AC 50 kV are treated as a high voltage of the first category in the General Regulations of the Electrical Installations (GREI) and follow completely the GREI for their dimensioning.

1.2 Field of application

(ncpt) #### BE.1 Application to telecommunication equipment

Part 1 and this NNA apply to telecommunication equipment mounted on the new supports (e.g. dishes, antennas), particularly with respect to wind assumptions.

2 Normative references, definitions and symbols

2.1 Normative references

(A-dev) #### BE.1 National regulations

The General Regulations of the Electrical Installations (GREI) are given by the Belgian Royal Decree of March 1981 (latest issue) which has been published in the Belgian Statute Book of 29 April 1981.

The installations for transmission and distribution of electrical energy are covered in Book 3 after the restructuring of the GREI in 2019. The articles as mentioned in this NNA must therefore be translated to corresponding sections to find the relevant extracts.

(ncpt) #### BE.2 National standards

Reference	Title
NBN B21-602	*Poteaux préfabriqués en béton pour supports de lignes aériennes – Spécifications d'application en complément à la NBN EN 12843: Produits préfabriqués en béton – Mâts et poteaux*
NBN C34-100	*Solid and stranded conductors for overhead lines for power transmission*
NBN EN 1090-2	*Execution of steel structures and aluminium structures – Part 2: Technical requirements for steel structures*
	Hot rolled products of structural steels
NBN EN 10025-1	*Part 1: General technical delivery conditions*
NBN EN 10025-2	*Part 2: Technical delivery conditions for non-alloy structural steels*
NBN EN 10025-3	*Part 3: Technical delivery conditions for normalized rolled weldable fine grain structural steels*
NBN EN 10027-1	*Designation systems for steels – Part 1: Steel names*
	Structural steel equal and unequal leg angles
NBN EN 10056-1	*Part 1: Dimensions*
NBN EN 10056-2	*Part 2: Tolerances on shape and dimensions*