

<b>STN</b>	<b>Súčasti systému ochrany pred bleskom (LPSC) Časť 7: Požiadavky na zmesi zlepšujúce uzemnenie</b>	<b>STN EN IEC 62561-7</b>  35 7605
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Lightning protection system components (LPSC) - Part 7: Requirements for earthing enhancing compounds

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. 08/18

Obsahuje: EN IEC 62561-7:2018, IEC 62561-7:2018

Oznámením tejto normy sa od 01.03.2021 ruší  
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**EN IEC 62561-7**

NORME EUROPÉENNE

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Supersedes EN 62561-7:2012

English Version

**Lightning protection system components (LPSC) - Part 7:  
Requirements for earthing enhancing compounds  
(IEC 62561-7:2018)**

Composants des systèmes de protection contre la foudre  
(CSPPF) - Partie 7: Exigences pour les enrichisseurs de terre  
(IEC 62561-7:2018)

Blitzschutzsystembauteile (LPSC) - Teil 7: Anforderungen  
an Mittel zur Verbesserung der Erdung  
(IEC 62561-7:2018)

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**EN IEC 62561-7:2018 (E)****European foreword**

The text of document 81/576/FDIS, future edition 2 of IEC 62561-7, prepared by IEC/TC 81 "Lightning protection" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62561-7:2018.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2018-12-01
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2021-03-01

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In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 62305 (series)	NOTE	Harmonized as EN 62305 (series).
IEC 62561-2	NOTE	Harmonized as EN 62561-2.

## Annex ZA (normative)

### Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: [www.cenelec.eu](http://www.cenelec.eu).

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
ISO 4689-3	-	Iron ores -- Determination of sulfur content -- Part 3: Combustion/infrared method	-	-
ISO 14869-1	-	Soil quality_ - Dissolution for the determination of total element content_ - Part_1: Dissolution with hydrofluoric and perchloric acids	-	-
		Characterization of waste – Leaching – Compliance test for leaching of granular waste materials and sludges – Part 2: One stage batch test at a liquid to solid ratio of 10 l/kg for materials with particle size below 4 mm (without or with size reduction)	EN 12457-2	
		Characterization of waste – Analysis of eluates	EN 16192	
ASTM G102-89	-	Standard Practice for Calculation of Corrosion Rates and Related Information from Electrochemical Measurements	-	-
ASTM G57-06	-	Standard Test Method for Field Measurement of Soil Resistivity Using the Wenner Four-Electrode Method	-	-
ASTM G59-97	-	Standard Test Method for Conducting Potentiodynamic Polarization Resistance Measurements	-	-



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# INTERNATIONAL STANDARD

# NORME INTERNATIONALE

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**Lightning protection system components (LPSC) –  
Part 7: Requirements for earthing enhancing compounds**

**Composants des systèmes de protection contre la foudre (CSPF) –  
Partie 7: Exigences pour les enrichisseurs de terre**





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**Lightning protection system components (LPSC) –  
Part 7: Requirements for earthing enhancing compounds**

**Composants des systèmes de protection contre la foudre (CSPF) –  
Partie 7: Exigences pour les enrichisseurs de terre**

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

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### **LIGHTNING PROTECTION SYSTEM COMPONENTS (LPSC) –**

#### **Part 7: Requirements for earthing enhancing compounds**

#### **FOREWORD**

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International Standard IEC 62561-7 has been prepared by IEC technical committee 81: Lightning protection.

This second edition cancels and replaces the first edition, published in 2011. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) information concerning the execution of the test for the determination of the resistivity in 5.4.3;
- b) addition of Annex A for the assessment of the corrosion load.

The text of this International Standard is based on the following documents:

FDIS	Report on voting
81/576/FDIS	81/579/RVD

Full information on the voting for the approval of this International Standard can be found in the report on voting indicated in the above table.

This document has been drafted in accordance with the ISO/IEC Directives, Part 2.

A list of all parts in the IEC 62561 series, published under the general title *Lightning protection system components (LPSC)*, can be found on the IEC website.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under "<http://webstore.iec.ch>" in the data related to the specific document. At this date, the document will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

## INTRODUCTION

This part of IEC 62561 deals with the requirements and tests for earthing enhancing compounds as being a lightning protection system component (LPSC) designed and implemented according to IEC 62305 (all parts).

## LIGHTNING PROTECTION SYSTEM COMPONENTS (LPSC) –

### Part 7: Requirements for earthing enhancing compounds

#### 1 Scope

This part of IEC 62561 specifies the requirements and tests for earthing enhancing compounds producing low resistance of an earth termination system.

#### 2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

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EN 16192, *Characterization of waste – Analysis of eluates*

ASTM G57-06, *Standard Test Method for Field Measurement of Soil Resistivity, Using the Wenner, Four-Electrode Method*

ASTM G59-97, *Standard Test Method for Conducting Potentiodynamic Polarization Resistance Measurements*

ASTM G102-89, *Standard Practice for Calculation of Corrosion Rates and Related Information from Electrochemical Measurements*

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