



SLOVENSKI STANDARD
SIST EN IEC 62561-7:2024

01-junij-2024

Elementi za zaščito pred strelo (LPSC) - 7. del: Zahteve za spojine, ki izboljšajo ozemljitev (IEC 62561-7:2024)

Lightning protection system components (LPSC) - Part 7: Requirements for earthing enhancing compounds (IEC 62561-7:2024)

Blitzschutzsystembauteile (LPSC) - Teil 7: Anforderungen an Mittel zur Verbesserung der Erdung (IEC 62561-7:2024)

Composants des systèmes de protection contre la foudre (CSPF) - Partie 7: Exigences pour les enrichisseurs de terre (IEC 62561-7:2024)

Ta slovenski standard je istoveten z: EN IEC 62561-7:2024

[SIST EN IEC 62561-7:2024](https://standards.slovenski-institut.si/standard/sist/62561-7:2024)

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91.120.40 Zaščita pred strelo Lightning protection

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**Lightning protection system components (LPSC) - Part 7:
Requirements for earthing enhancing compounds
(IEC 62561-7:2024)**

Composants des systèmes de protection contre la foudre
(CSPPF) - Partie 7: Exigences pour les enrichisseurs de terre
(IEC 62561-7:2024)

Blitzschutzsystembauteile (LPSC) - Teil 7: Anforderungen
an Mittel zur Verbesserung der Erdung
(IEC 62561-7:2024)

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Comité Européen de Normalisation Electrotechnique
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EN IEC 62561-7:2024 (E)

European foreword

The text of document 81/755/FDIS, future edition 3 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 62561-7:2024.

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) 2024-12-28
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2027-03-28

This document supersedes EN IEC 62561-7:2018 and all of its amendments and corrigenda (if any).

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In the official version, for Bibliography, the following note has to be added for the standard indicated:

IEC 62561-2 NOTE Approved as EN IEC 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.cencenelec.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	-	-
-	-	Characterisation 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	-
-	-	Waste - Guidance on analysis of eluates	CEN/TR 16192	-
ASTM G102-89	-	Standard Practice for Calculation of Corrosion Rates and Related Information from Electrochemical Measurements	-	-
ASTM G57-20	-	Standard Test Method for 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

**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

LIGHTNING PROTECTION SYSTEM COMPONENTS (LPSC) –**Part 7: Requirements for earthing enhancing compounds**

FOREWORD

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

This third edition cancels and replaces the second edition published in 2018. This edition constitutes a technical revision.

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

- a) Figure A.1 has been replaced with a simpler one that clearly shows the high and low corrosion load limits of the earth enhancing compounds without the need for special knowledge;
- b) pH measurement has been introduced.