

STN	Žiarové striekanie Drôty, tyče a pásy pre striekanie plameňom a elektrickým oblúkom Klasifikácia a technické dodacie podmienky (ISO 14919: 2023)	STN EN ISO 14919 03 8741
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Thermal spraying - Wires, rods and cords for flame and arc spraying - Classification and technical supply conditions (ISO 14919:2023)

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. 01/24

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EUROPEAN STANDARD

EN ISO 14919

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English Version

Thermal spraying - Wires, rods and cords for flame and arc spraying - Classification and technical supply conditions (ISO 14919:2023)

Projection thermique - Fils, baguettes et cordons pour projection thermique à l'arc et au pistolet dans une flamme - Classification et conditions techniques d'approvisionnement (ISO 14919:2023)

Thermisches Spritzen - Drähte, Stäbe und Schnüre zum Flammsspritzen und Lichtbogenspritzen - Einteilung - Technische Lieferbedingungen (ISO 14919:2023)

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

EN ISO 14919:2023 (E)

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European foreword

This document (EN ISO 14919:2023) has been prepared by Technical Committee ISO/TC 107 "Metallic and other inorganic coatings" in collaboration with Technical Committee CEN/TC 240 "Thermal spraying and thermally sprayed coatings" the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by May 2024, and conflicting national standards shall be withdrawn at the latest by May 2024.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN ISO 14919:2015.

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Endorsement notice

The text of ISO 14919:2023 has been approved by CEN as EN ISO 14919:2023 without any modification.

INTERNATIONAL STANDARD

ISO 14919

Third edition
2023-10

Thermal spraying — Wires, rods and cords for flame and arc spraying — Classification and technical supply conditions

*Projection thermique — Fils, baguettes et cordons pour projection
thermique à l'arc et au pistolet dans une flamme — Classification et
conditions techniques d'approvisionnement*



Reference number
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CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Email: copyright@iso.org
Website: www.iso.org

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ISO 14919:2023(E)

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO document should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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This document was prepared by Technical Committee ISO/TC 107, *Metallic and other inorganic coatings*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 240, *Thermal spraying and thermally sprayed coatings*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This third edition cancels and replaces the second edition (ISO 14919:2015), which has been technically revised.

The main changes are as follows:

- addition of the alloy ZnAl2, ZnAl4 and ZnAl22 in [Table 4](#).

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Thermal spraying — Wires, rods and cords for flame and arc spraying — Classification and technical supply conditions

1 Scope

This document specifies requirements for classification of metal and non-metal wires (solid and cored), rods, cords processed by means of thermal spraying, especially by arc and flame spraying.

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.

ISO 544:2017, *Welding consumables — Technical delivery conditions for filler materials and fluxes — Type of product, dimensions, tolerances and markings*

ISO 10474:2013, *Steel and steel products — Inspection documents*

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