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Thermal spraying - Terminology, classification (ISO 14917:2017)

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. 08/17

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**Thermal spraying - Terminology, classification (ISO
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14917:2017)

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Contents	Page
European foreword.....	3

European foreword

This document (EN ISO 14917:2017) 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.

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**Thermal spraying — Terminology,
classification**

Projection thermique — Terminologie, classification





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ISO copyright office
Ch. de Blandonnet 8 • CP 401
CH-1214 Vernier, Geneva, Switzerland
Tel. +41 22 749 01 11
Fax +41 22 749 09 47
copyright@iso.org
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Contents

Page

Foreword	v
Introduction	vi
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Process variations	1
4.1 Classification according to the type of spray material.....	1
4.2 Classification according to the operation.....	2
4.2.1 Manual spraying.....	2
4.2.2 Mechanized spraying.....	2
4.2.3 Automatic spraying.....	2
4.3 Classification and abbreviations for thermal spraying, coatings and their technological properties, post-treatments.....	2
4.3.1 Thermal spraying, coatings and properties.....	2
4.3.2 Condition of spray coatings and post-treatments.....	2
4.3.3 Classification according to the energy carrier and/or to the type of spray material — Abbreviations for spray processes and special surfacing processes by welding.....	2
5 Process descriptions	3
5.1 Flame spraying.....	3
5.1.1 General.....	3
5.1.2 Wire flame spraying (Combustion wire spray).....	4
5.1.3 Powder flame spraying.....	4
5.2 High velocity flame spraying.....	5
5.2.1 High velocity flame spraying with gaseous fuel.....	5
5.2.2 High velocity flame spraying with liquid fuel.....	6
5.2.3 High velocity flame suspension spraying.....	6
5.2.4 Detonation spraying.....	7
5.3 Cold spraying (Cold gas spraying).....	8
5.4 Arc spraying processes — Arc spraying.....	9
5.5 Plasma spraying processes.....	9
5.5.1 Atmospheric plasma spraying.....	9
5.5.2 Plasma suspension spraying.....	10
5.5.3 Plasma spraying in chambers.....	10
5.6 Other plasma spraying processes.....	11
5.6.1 Water-stabilized plasma spraying.....	11
5.6.2 Induction plasma spraying — Inductively coupled plasma spraying.....	12
5.6.3 Plasma transferred wire arc spraying.....	13
5.7 Laser cladding.....	14
5.8 Plasma transferred arc surfacing (PTA).....	15
6 Thermal spraying — Terms	16
6.1 General terms.....	16
6.1.1 Coatability.....	16
6.1.2 Coating suitability.....	16
6.1.3 Spray suitability — Sprayability.....	17
6.1.4 Coating functionality.....	17
6.1.5 Coating feasibility.....	17
6.1.6 Accompanying specimens.....	17
6.2 Thermal spraying equipment, terms.....	17
6.2.1 Spray gun, torch.....	17
6.2.2 Spray nozzle.....	17
6.2.3 Supplementary nozzle.....	17

6.2.4	Contact tube.....	17
6.2.5	Wire feed mechanism.....	18
6.2.6	Powder feeder.....	18
6.2.7	Powder injector.....	18
6.3	Process specific terms of thermal spraying, terms.....	18
6.3.1	Spray material.....	18
6.3.2	Carrier gas.....	18
6.3.3	Atomizing gas.....	18
6.3.4	Propellant gas.....	18
6.3.5	Spray jet.....	18
6.3.6	Spray particles.....	18
6.3.7	Splat.....	18
6.3.8	Spray deposit.....	18
6.3.9	Spray distance.....	18
6.3.10	Spray angle.....	18
6.3.11	Spray velocity.....	19
6.3.12	Spray trace overlapping.....	19
6.3.13	Spray spot.....	19
6.3.14	Deposition rate.....	19
6.3.15	Spray losses.....	19
6.3.16	Deposition efficiency.....	19
6.3.17	Masking.....	19
6.3.18	Sealing.....	19
6.3.19	Thermal treatment.....	19
6.3.20	Fusing of sprayed deposits.....	19
6.4	Coating specific terms.....	19
6.4.1	Sprayed coating.....	19
6.4.2	Substrate.....	20
6.4.3	Bond coat.....	20
6.4.4	Top coat.....	20
6.4.5	Interface.....	20
6.4.6	Non-melted particles.....	20
6.4.7	Re-solidified particles.....	20
6.5	Properties of thermally sprayed deposits, terms.....	20
6.5.1	Tensile adhesive strength, R_H	20
6.5.2	Cohesive strength.....	20
6.5.3	Hardness.....	20
6.5.4	Shear load resistance.....	21
6.5.5	Other properties.....	21
Annex A (informative) Master chart of thermal spraying processes — Classification according to the energy carriers used for spraying.....		22
Annex B (informative) Keyword index.....		23
Bibliography.....		25

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 documents 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*.

This second edition cancels and replaces the first edition (ISO 14917:1999), which has been technically revised.

Introduction

Requests for official interpretations of technical aspects of this document should be directed to the Secretariat of ISO/TC 107, *Metallic and other inorganic coatings*, via your national standards body; a listing of these bodies can be found at www.iso.org.

Thermal spraying — Terminology, classification

1 Scope

This document defines processes and general terms for thermal spraying. It classifies thermal spraying processes according to type of spray material, to type of operation and to type of energy carrier. It specifies abbreviations for spray processes, sprayed coatings, and manufacturing steps.

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 6508-1, *Metallic materials — Rockwell hardness test — Part 1: Test method*

ISO 17836, *Thermal spraying — Determination of the deposition efficiency for thermal spraying*

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