

Thermal spraying - Components with thermally sprayed coatings - Technical supply conditions (ISO 12670:2011)

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN ISO 12670:2015 sisaldab Euroopa standardi EN ISO 12670:2015 ingliskeelset teksti.	This Estonian standard EVS-EN ISO 12670:2015 consists of the English text of the European standard EN ISO 12670:2015.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 14.10.2015.	Date of Availability of the European standard is 14.10.2015.
Standard on kättesaadav Eesti Standardikeskusest.	The standard is available from the Estonian Centre for Standardisation.

Tagasisidet standardi sisu kohta on võimalik edastada, kasutades EVS-i veebilehel asuvat tagasiside vormi või saates e-kirja meiliaadressile standardiosakond@evs.ee.

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English Version

Thermal spraying - Components with thermally sprayed coatings - Technical supply conditions (ISO 12670:2011)

Projection thermique - Éléments traités par projection thermique - Conditions techniques de livraison (ISO 12670:2011)

Thermisches Spritzen - Bauteile mit thermisch gespritzten Schichten - Technische Lieferbedingungen (ISO 12670:2011)

This European Standard was approved by CEN on 27 September 2015.

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

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European foreword

The text of ISO 12670:2011 has been prepared by Technical Committee ISO/TC 107 “Metallic and other inorganic coatings” of the International Organization for Standardization (ISO) and has been taken over as EN ISO 12670:2015 by 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of an identical text or by endorsement, at the latest by April 2016, and conflicting national standards shall be withdrawn at the latest by April 2016.

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

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Endorsement notice

The text of ISO 12670:2011 has been approved by CEN as EN ISO 12670:2015 without any modification.

Thermal spraying — Components with thermally sprayed coatings — Technical supply conditions

1 Scope

This International Standard specifies technical supply conditions for parts with thermally sprayed coatings for the manufacturing or repair of components.

This International Standard applies to applications where quality requirements according to ISO 14922-2 (comprehensive requirements) or ISO 14922-3 (standard requirements) are required.

2 Normative references

The following referenced documents are indispensable for the application 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 2063, *Thermal spraying — Metallic and other inorganic coatings — Zinc, aluminium and their alloys*

ISO 4288, *Geometrical Product Specifications (GPS) — Surface texture: Profile method — Rules and procedures for the assessment of surface texture*

ISO 6507-1, *Metallic materials — Vickers hardness test — Part 1: Test method*

ISO 12690, *Metallic and other inorganic coatings — Thermal spray coordination — Tasks and responsibilities*

ISO 14232, *Thermal spraying — Powders — Composition and technical supply conditions*

ISO 14916, *Thermal spraying — Determination of tensile adhesive strength*

ISO 14918, *Thermal spraying — Approval testing of thermal sprayers*

ISO 14919, *Thermal spraying — Wires, rods and cords for flame and arc spraying — Classification — Technical supply conditions*

ISO 14923, *Thermal spraying — Characterization and testing of thermally sprayed coatings*

EN 473, *Non destructive testing — Qualification and certification of NDT personnel — General principles*

EN 657, *Thermal spraying — Terminology, classification*

EN 1395-1, *Thermal spraying — Acceptance inspection of thermal spraying equipment — Part 1: General requirements*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 657 apply.