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Aerospace series - Metallic materials - Micrographic determination of content of non-metallic inclusions

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

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English Version

Aerospace series - Metallic materials - Micrographic determination of content of non-metallic inclusions

Série aérospatiale - Matériaux métalliques -
Détermination par micrographie de la distribution
d'inclusions non-métalliques

Luft- und Raumfahrt - Metallische Werkstoffe -
Mikrographische Bestimmung von nichtmetallischen
Einschlüssen

This European Standard was approved by CEN on 30 December 2018.

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This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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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

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European foreword

This document (EN 2951:2019) has been prepared by the Aerospace and Defence Industries Association of Europe - Standardization (ASD-STAN).

After enquiries and votes carried out in accordance with the rules of this Association, this Standard has received the approval of the National Associations and the Official Services of the member countries of ASD, prior to its presentation to CEN.

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of an identical text or by endorsement, at the latest by November 2019, and conflicting national standards shall be withdrawn at the latest November 2019.

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.

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EN 2951:2019 (E)**Introduction**

This document is part of the series of EN metallic material standards for aerospace applications. The general organization of this series is described in EN 4258.

1 Scope

This document specifies the general requirements for the micrographic determination of content of non-metallic inclusions of metallic materials for aerospace applications.

It also gives tables of standard acceptance criteria for particular steel types.

It shall be applied when referred to in the EN technical specification or material standard unless otherwise specified on the drawing, order or inspection schedule.

This document is mainly applicable to steel but may be used on other metallic materials.

This document is not normally applicable to austenitic corrosion resisting steel, other than precipitation hardening, or to free-machining steel unless invoked in the material standards.

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.

EN 4258, *Aerospace series — Metallic materials — General organization of standardization — Links between types of EN standards and their use*

EN 4259, *Aerospace series — Metallic materials — Definition of general terms* ¹⁾

ASTM E45, *Standard Test Methods for Determining the Inclusion Content of Steel* ²⁾

koniec náhľadu – text ďalej pokračuje v platenej verzii STN

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2) Published by: ASTM National (US) American Society for Testing and Materials <http://www.astm.org/>