



SLOVENSKI STANDARD
oSIST prEN 2955:2024
01-marec-2024

Aeronavtika - Recikliranje odpadnega titana in titanovih zlitin

Aerospace series - Recycling of titanium and titanium alloy scrap

Luft- und Raumfahrt - Wiederaufbereitung von Schrott aus Titan und Titanlegierungen

Série aérospatiale - Recyclage des chutes de titane et d'alliages de titane

Ta slovenski standard je istoveten z: prEN 2955

ICS:

13.030.50 Recikliranje
49.025.30 Titan

[oSIST prEN 2955:2024](https://standards.sist/5bb74e2e-81d9e8eed41341/osist-pren-2955-2024)

Recycling
Titanium

oSIST prEN 2955:2024

en,fr,de

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

DRAFT
prEN 2955

January 2024

ICS 49.025.30

Will supersede EN 2955:1993

English Version

Aerospace series - Recycling of titanium and titanium alloy scrap

Série aérospatiale - Recyclage des chutes de titane et
d'alliages de titane

Luft- und Raumfahrt - Wiederaufbereitung von Schrott
aus Titan und Titanlegierungen

This draft European Standard is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee ASD-STAN.

If this draft becomes a European Standard, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

This draft European Standard was established by CEN 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.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and United Kingdom.

Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

Warning : This document is not a European Standard. It is distributed for review and comments. It is subject to change without notice and shall not be referred to as a European Standard.

<https://standards.iteh.ai/catalog/standards/sist/5bb74e2e-03ba-472c-be81-d9e8eed41341/osist-pren-2955-2024>



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

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

Contents	Page
European foreword	3
1 Scope.....	4
2 Normative references.....	4
3 Terms and definitions.....	4
4 Recycling.....	5
4.1 General requirements.....	5
4.2 Approval.....	6
4.3 Procedure	6
4.4 Technical requirements	6
4.4.1 General.....	6
4.4.2 Turnings.....	7
Annex A (normative) Flow chart for scrap recycling	13

iTeh Standards
(<https://standards.iteh.ai>)
Document Preview

[oSIST prEN 2955:2024](https://standards.iteh.ai/catalog/standards/sist/5bb74e2e-03ba-472c-be81-d9e8eed41341/osist-pren-2955-2024)

<https://standards.iteh.ai/catalog/standards/sist/5bb74e2e-03ba-472c-be81-d9e8eed41341/osist-pren-2955-2024>

European foreword

This document (prEN 2955:2024) 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 document has received the approval of the National Associations and the Official Services of the member countries of ASD-STAN, prior to its presentation to CEN.

This document is currently submitted to the CEN Enquiry.

This document will supersede EN 2955:1993.

Major element of this revision is the authorization of recycling of material that have been used in flight.

iTeh Standards
(<https://standards.iteh.ai>)
Document Preview

[oSIST prEN 2955:2024](https://standards.iteh.ai/catalog/standards/sist/5bb74e2e-03ba-472c-be81-d9e8eed41341/osist-pren-2955-2024)

<https://standards.iteh.ai/catalog/standards/sist/5bb74e2e-03ba-472c-be81-d9e8eed41341/osist-pren-2955-2024>

prEN 2955:2024 (E)

1 Scope

This document specifies the general requirements for recycling, by vacuum remelting or cold hearth melting, titanium and titanium alloy scrap used for the production of ingots.

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 2000, *Aerospace series — Quality assurance — EN aerospace products — Approval of the quality system of manufacturers*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <https://www.iso.org/obp/>
- IEC Electropedia: available at <https://www.electropedia.org/>

3.1

scrap processor

processor that classifies the scrap and guarantees conformity to the melter's requirements acting in accordance with the aerospace purchaser's requirements

Note 1 to entry: scrap processing may be carried out by an independent processor (scrap dealer), by the melter's processing department or by the purchaser's processing department.

3.2

melter

company which manufactures titanium or titanium alloy ingots

3.3

purchaser

body which purchases the products from a manufacturer or a stockist in accordance with the requirements of the user

Note 1 to entry: the purchaser may also be the user.

3.4

user

see EN 2000

3.5

melter's recovery department

department responsible for recovering the scrap produced by the melter and preparing it for treatment by the scrap processor