

Lead and lead alloys - Methods of sampling for analysis

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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 12402:2000 sisaldab Euroopa standardi EN 12402:1999 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 11.01.2000 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 12402:2000 consists of the English text of the European standard EN 12402:1999.</p> <p>This document is endorsed on 11.01.2000 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p>Käsitlusala: This European Standard specifies the methods of sampling of lead and lead alloys for the purpose of chemical analysis or for the purpose of spectrometric analysis by Optical Emission Spectrometry (OES), with spark excitation</p>	<p>Scope: This European Standard specifies the methods of sampling of lead and lead alloys for the purpose of chemical analysis or for the purpose of spectrometric analysis by Optical Emission Spectrometry (OES), with spark excitation</p>
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ICS 77.120.60

Võtmesõnad:

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English version

Lead and lead alloys
Methods of sampling for analysis

Plomb et alliages de plomb –
Méthodes d'échantillonnage pour
analyse

Blei und Bleilegierungen –
Probenahme für die Analyse

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Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

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CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

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Foreword

This European Standard has been prepared by Technical Committee CEN/TC 306 "Lead and lead alloys", the secretariat of which is held by AFNOR.

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of an identical text or by endorsement, at the latest by February 2000, and conflicting national standards shall be withdrawn at the latest by February 2000.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

1 Scope

This European Standard specifies the methods of sampling of lead and lead alloys for the purpose of chemical analysis or for the purpose of spectrometric analysis by Optical Emission Spectrometry (OES), with spark excitation.

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

ENV 12908 1997 Lead and lead alloys - Analysis by Optical Emission Spectrometry (OES), with spark excitation.

3 Definitions

For the purposes of this European Standard, the following definitions apply :

3.1

cast

product of one furnace or crucible melt.

NOTE All the ingots from a single cast have the same identifying mark.

3.2

ingot

cast product intended for remelting and/or processing.

3.3

jumbo or block

very large ingot with a mass generally much more than 50 kg.

3.4

bundle

collection of ingots taken from a single cast and secured if necessary, for the purposes of handling, shipment and storage.

3.5

sample

portion of lead or lead alloy representative of the chemical composition.

3.6

laboratory sample

final form of the sample submitted for analysis.

4 Principle

Since lead and lead alloys can have different shapes and masses (ingots, jumbos) which are not easily handled, sampling from the molten metal during the casting process is recommended. Nevertheless, sampling from a consignment shall be feasible, if required, in any case of dispute.