

	Európske certifikované referenčné materiály (EURONORM-CRMs) na stanovenie chemického zloženia výrobkov zo železa a ocele pripravené pod dohľadom Európskeho výboru pre normalizáciu železa a ocele.	TNI CEN/TR 10317 42 0571
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European certified reference materials (EURONORM-CRMs) for the determination of the chemical composition of iron and steel products prepared under the auspices of the European Committee for Iron and Steel Standardization (ECISS)

Táto technická normalizačná informácia obsahuje anglickú verziu CEN/TR 10317:2014.
This Technical standard information includes the English version of CEN/TR 10317:2014.

Táto technická normalizačná informácia bola oznámená vo Vestníku ÚNMS SR č. 03/15

Oznámením tohto dokumentu sa ruší
TNI CEN/TR 10317 (42 0571) z júna 2013

120343

Úrad pre normalizáciu, metrológiu a skúšobníctvo SR, odbor SÚTN, 2015
Tento dokument a ani jeho časti sa nesmú rozmnožovať a rozširovať v akejkoľvek podobe
a akýmkoľvek prostriedkami bez písomného povolenia ÚNMS SR.

English Version

European certified reference materials (EURONORM-CRMs) for
the determination of the chemical composition of iron and steel
products prepared under the auspices of the European
Committee for Iron and Steel Standardization (ECISS)

Matériaux de référence certifiés européens (EURONORM-MRC) destinés à la détermination de la composition chimique des produits en acier et en fonte préparés sous les auspices du comité européen de normalisation du fer et de l'acier (ECISS)

Europäische zertifizierte Referenzmaterialien (EURONORM-ZRMs) für die Bestimmung der chemischen Zusammensetzung von Eisen- und Stahlerzeugnissen, hergestellt unter der Schirmherrschaft des Europäischen Komitees für Eisen- und Stahlnormung (ECISS)

This Technical Report was approved by CEN on 10 May 2014. It has been drawn up by the Technical Committee ECISS/TC 102.

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

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Foreword

This document (CEN/TR 10317:2014) has been prepared by Technical Committee ECISS/TC 102 "Methods of chemical analysis for iron and steel", the secretariat of which is held by SIS.

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.

This document supersedes CEN/TR 10317:2013.

In comparison with the previous edition, CEN/TR 10317:2013, significant technical changes were made to the introduction and Clause 5 following the withdrawal of Bureau of Analysed Samples Limited from the Euronorm-CRM Producers' Group in 2013.

Introduction

In accordance with the definition in ISO Guide 30, Amendment 1:2008, a Certified Reference Material (CRM) as described in this CEN Technical Report is a “reference material characterized by a metrologically valid procedure for one or more specified properties, accompanied by a certificate that provides the value of the specified property, its associated uncertainty, and a statement of metrological traceability”. Furthermore, it is accompanied by a certificate issued by the producing organization on behalf of the Co-ordinating Committee (COCOR) of ECISS after approval by the participating laboratories and all the producing organizations:

a) France:

- 1) ArcelorMittal Maizières Research SA (AMMZ) [former Institut de Recherches de la Sidérurgie Française (IRSID)],
- 2) Centre Technique des Industries de la Fonderie (CTIF);

b) Germany: Iron and Steel CRM Working Group (AGZRM) comprising:

- 1) BAM Bundesanstalt für Materialforschung und -prüfung,
- 2) Max-Planck-Institut für Eisenforschung (MPI),
- 3) Stahlinstitut VDEh;

c) Nordic Countries: Nordic CRM Working Group, (NCRMWG) comprising:

- 1) Swerea KIMAB [former Swedish Institute for Metals Research (SIMR)],
- 2) Jernkontoret.

NOTE Bureau of Analysed Samples Ltd (BAS) - United Kingdom – was a member of the EURONORM-CRM Producer's Group from 1975 until 2013.

Since 1968, EURONORM-CRMs have been analysed by laboratories in most countries in the European Union (EU) or former European Community (EC).

Pending their eventual replacement by EURONORM-CRMs, a number of former national CRMs prepared, analysed and certified by laboratories in Germany, France and the United Kingdom respectively, were accepted as EURONORM-CRMs after their accuracy had been checked by other European laboratories. This procedure ceased in 1990.

1 Scope

This Technical Report describes the classification, method of sample preparation, certification main rules and certificate content of the EURONORM-CRMs.

It also details the sample presentation of the various producers' organizations and the distributing sources.

koniec náhľadu – text ďalej pokračuje v platenej verzii STN