



SLOVENSKI STANDARD
kSIST FprEN ISO 6509-1:2014
01-marec-2014

Korozija kovin in zlitin - Ugotavljanje odpornosti razcinkanja bakrovih zlitin s cinkom (ISO/FDIS 6509:2014)

Corrosion of metals and alloys - Determination of dezincification resistance of copper alloys with zinc (ISO/FDIS 6509:2014)

Korrosion von Metallen und Legierungen - Bestimmung der Entzinkungsbeständigkeit von Kupfer-Zink-Legierungen (ISO/FDIS 6509:2014)

Corrosion des métaux et alliages - Détermination de la résistance à la dézincification des alliages de cuivre avec le zinc (ISO/FDIS 6509:2014)

Ta slovenski standard je istoveten z: FprEN ISO 6509-1

ICS:

77.060 Korozija kovin Corrosion of metals

kSIST FprEN ISO 6509-1:2014 **en,fr,de**

FINAL
DRAFT

INTERNATIONAL
STANDARD

ISO/FDIS
6509-1

ISO/TC 156

Secretariat: SAC

Voting begins on:
2014-02-06

Voting terminates on:
2014-04-06

Corrosion of metals and alloys — Determination of dezincification resistance of copper alloys with zinc —

Part 1: Test method

*Corrosion des métaux et alliages — Détermination de la résistance à
la dézincification des alliages de cuivre avec le zinc —*

Partie 1: Méthode d'essai

Please see the administrative notes on page iii

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.

IN ADDITION TO THEIR EVALUATION AS BEING ACCEPTABLE FOR INDUSTRIAL, TECHNOLOGICAL, COMMERCIAL AND USER PURPOSES, DRAFT INTERNATIONAL STANDARDS MAY ON OCCASION HAVE TO BE CONSIDERED IN THE LIGHT OF THEIR POTENTIAL TO BECOME STANDARDS TO WHICH REFERENCE MAY BE MADE IN NATIONAL REGULATIONS.



Reference number
ISO/FDIS 6509-1:2014(E)

© ISO 2014



COPYRIGHT PROTECTED DOCUMENT

© ISO 2014

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

Published in Switzerland

ISO/CEN PARALLEL PROCESSING

This final draft has been developed within the International Organization for Standardization (ISO), and processed under the **ISO-lead** mode of collaboration as defined in the Vienna Agreement. The final draft was established on the basis of comments received during a parallel enquiry on the draft.

This final draft is hereby submitted to the ISO member bodies and to the CEN member bodies for a parallel two-month approval vote in ISO and formal vote in CEN.

Positive votes shall not be accompanied by comments.

Negative votes shall be accompanied by the relevant technical reasons.

Contents		Page
Foreword		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Principle	1
5	Reagents and materials	1
6	Apparatus	2
7	Test specimens	2
8	Preparation of test specimens	3
9	Procedure	4
	9.1 Positioning of test specimens for test	4
	9.2 Operating conditions	4
	9.3 Duration of test	4
	9.4 Preparation of sections for microscopic examination	4
	9.5 Microscopic examination	4
10	Test report	6
Bibliography		7

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2. www.iso.org/directives

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received. www.iso.org/patents

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT), see the following URL: [Foreword - Supplementary information](#)

The committee responsible for this document is ISO/TC 156, *Corrosion of metals and alloys*.

This second edition, together with ISO 6509-2, cancels and replaces the first edition (ISO 6509:1981), which has been technically revised. The clause formerly concerning acceptance limits has been removed since it has been taken up in the new Part 2.

ISO 6509 consists of the following parts, under the general title *Corrosion of metals and alloys — Determination of dezincification resistance of copper alloys with zinc*:

— *Part 2: Acceptance criteria*¹⁾

1) In preparation.

