ISO/FDIS 11972

ISO/TC-17/SC-1

Secretariat: ANSI

Date: 2023-08-09

Corrosion-resistant cast steels for general applications

Aciers moulés résistant à la corrosion pour applications courantes générales

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

ISO 11972

https://standards.iteh.ai/catalog/standards/sist/eecf9d69-d7ee-45a0-aa2d-557ba3c3e06e/iso-11972

FDIS stage

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

ISO 11972

https://standards.iteh.ai/catalog/standards/sist/eecf9d69-d7ee-45a0-aa2d-557ba3c3e06e/iso-11972

ISO-/FDIS 11972:20152023(E)

© ISO 2023

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanica, 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 CP 401 • Ch. de Blandonnet 8 CH-1214 Vernier, Geneva Phone: + 41 22 749 01 11 E-mail: copyright@iso.org Website: www.iso.org

Published in Switzerland

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

ISO 11972

https://standards.iteh.ai/catalog/standards/sist/eecf9d69-d7ee-45a0-aa2d-557ba3c3e06e/iso-11972

© ISO 2015 - All rights reserved

© ISO 2023 - All rights reserved

ii

ISO-/FDIS 11972:20152023(E)

Contents

Forew	Forewordv		
1	Scope	1	
2	Normative reference	.1	
	Terms and definitions		
	General conditions for delivery		
5	Chemical composition	1	
	Mechanical properties		
7	Heat treatment	2	
	Supplementary requirements		
	Annex A (informative) UNS cast grades similar to ISO cast grades		
	Bibliography		

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

ISO 11972

https://standards.iteh.ai/catalog/standards/sist/eecf9d69-d7ee-45a0-aa2d-557ba3c3e06e/iso-11972

iv © ISO 2023 – All rights reserved

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 (see www.iso.org/directives www.iso.org/directives).-

Attention is drawn ISO draws attention to the possibility that some of the elements implementation of this document may be involve the subjectuse of (a) patent(s). ISO takes no position concerning the evidence validity or applicability of any claimed patent rights: in respect thereof. As of the date of publication of this document, ISO had not received notice of (a) patent(s) which may be required to implement this document. However, implementers are cautioned that this may not represent the latest information, which may be obtained from the patent database available at www.iso.org/patents. 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 (see 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 onof the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the <u>World Trade Organization (WTO)</u> principles in the Technical Barriers to Trade (TBT), see the following URL: Foreword Supplementary information www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 17, Steel, Subcommittee SC11, Steel Castings.

This third edition cancels and replaces the second edition (ISO 11972:2015), which has been editoriallytechnicallz revised with the following changes:

- Conformthe mandatory Terms and definitions clause (see Clause 3) has been added and subsequent clauses have been renumbered;
- the title for Table 1 has been changed;
- supplementary requirements (see Clause 8) has been updated;
- the document has been editorially revised to conform to the most recent version of the ISO/IEC-Directives, Part 2.
- Updates to Table 1 title.

© ISO 2015 – All rights reserved

ISO-	/FDIS 11972:20152023(I	ā

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

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

ISO 11972

https://standards.iteh.ai/catalog/standards/sist/eecf9d69-d7ee-45a0-aa2d-557ba3c3e06e/iso-11972

i ⊕ ISO 2015 – All rights reserved