

ISO/FDIS 9557:~~2023~~(E)

ISO-~~/TC-8/SC-8/WG-29~~

Secretariat:-~~KATS~~

Date: 2023-10-11

Ships and marine technology — Wire rope lifting platform for inspection

~~First edition~~

~~Date: 2023-07-31~~

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

ISO/FDIS 9557

<https://standards.itih.ai/catalog/standards/sist/3ba63132-c2f4-4546-b4cb-cda81b9e8ac2/iso-fdis-9557>

FDIS stage

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

[ISO/FDIS 9557](https://standards.iteh.ai/catalog/standards/sist/3ba63132-c2f4-4546-b4cb-cda81b9e8ac2/iso-fdis-9557)

<https://standards.iteh.ai/catalog/standards/sist/3ba63132-c2f4-4546-b4cb-cda81b9e8ac2/iso-fdis-9557>

© 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 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~~ISO's member body in the country of the requester.

ISO ~~Copyright Office~~copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: + 41 22 749 01 11

~~Email:~~ copyright@iso.org

~~E-mail:~~ copyright@iso.org

~~Website:~~ www.iso.orgwww.iso.org

Published in Switzerland.

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

ISO/FDIS 9557

<https://standards.iteh.ai/catalog/standards/sist/3ba63132-c2f4-4546-b4cb-cda81b9e8ac2/iso-fdis-9557>

Contents—Page

Foreword vi

1 Scope 1

2 Normative references..... 1

3 Terms and definitions 1

4 Classification 3

4.1 Drive type..... 3

4.2 Rated working load 3

5 Design requirements 3

5.1 General requirements 3

5.2 Safety requirements..... 3

5.3 Main platform structure..... 3

5.4 Hoisting device..... 4

5.5 Fastening device..... 4

5.6 Fall arrest device 4

6 Test methods 5

6.1 Prototype test..... 5

6.2 Operation under no load..... 5

6.3 Operation under rated load 5

6.4 Brake performance test..... 5

6.4.1 Slippage measurement..... 5

6.4.2 Emergency stop test..... 5

6.4.3 Emergency lowering test 5

7 Designation..... 5

8 Documentation..... 6

Bibliography 7

~~Foreword—4~~

~~1—Scope—1~~

~~2—Normative references—1~~

~~3—Terms and definitions—1~~

~~4—Classification—2~~

~~4.1—Drive type—2~~

~~4.2—Rated working load—2~~

~~5—Design requirements—2~~

~~5.1—General requirements—2~~

~~5.2—Safety requirements—3~~

5.3	Main platform structure	3
5.4	Hoisting device	3
5.5	Fastening device	4
5.6	Fall arrest device	4
6	Test methods	4
6.1	Prototype test	4
6.2	Operation under no load	4
6.3	Operation under rated load	4
6.4	Brake performance test	4
6.4.1	Slippage measurement	4
6.4.2	Emergency stop test	4
6.4.3	Emergency lowering test	5
7	Designation	5
8	Documentation	5

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

[ISO/FDIS 9557](#)

<https://standards.iteh.ai/catalog/standards/sist/3ba63132-c2f4-4546-b4cb-cda81b9e8ac2/iso-fdis-9557>

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 document 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).

ISO draws attention to the possibility that the implementation of this document may involve the use 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~~www.iso.org/patents. ISO shall not be held responsible for identifying any or all such patent rights.

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

For an explanation of 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 World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see www.iso.org/iso/foreword.html~~www.iso.org/iso/foreword.html~~.

This document was prepared by Technical Committee ISO/TC 8, *Ships and marine technology*, Subcommittee SC 8, *Ship design*.

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~~www.iso.org/members.html~~.