### ISO/FDIS 10785:2025(en)

ISO/TC 20/SC 14<del>/WG 1</del>

Secretariat: ANSI/AIAA

Date: 2025-04-<del>02</del>30

## Space systems — Bellows — Design and operation

Systèmes spatiaux — Soufflets — Conception et fonctionnement

## iTeh Standards

# FDIS stage

ISO/FDIS 10785

https://standards.iteh.ai/catalog/standards/iso/97ece0b8-b04a-47f0-9821-c5da1f57aa26/iso-fdis-10785

#### ISO/<del>DIS FDIS</del> 10785:<del>202X2025(en)</del>

#### © ISO <del>2024</del>2025

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 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 EmailE-mail: copyright@iso.org

Website: www.iso.org

Published in Switzerland

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

#### <u> ISO/FDIS 10785</u>

https://standards.iteh.ai/catalog/standards/iso/97ece0b8-b04a-47f0-9821-c5da1f57aa26/iso-fdis-10785

#### ISO/FDIS 10785:2025(en)

#### **Contents**

Fore	word	iv
Intro	oduction	
1	Scope	1
2	Normative references	
3	Terms and definitions	
4	Abbreviated terms	8
5	RequirementsGeneral	8
5.1	General	8
5.2	Design requirements	9
5.3	Material requirements	12
5.4	Fabrication and process control requirements	12
5.5	Quality assurance requirements	13
5.6	Operation and maintenance requirements	14
5.7	Specific qualification test requirements	16
Bibliography		18

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

ISO/FDIS 10785

https://standards.iteh.ai/catalog/standards/iso/97ece0b8-b04a-47f0-9821-c5da1f57aa26/iso-fdis-10785

#### ISO/<del>DIS-FDIS</del> 10785:<del>202X</del>2025(en)

#### **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 <a href="https://www.iso.org/directives">www.iso.org/directives</a>).

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 <a href="https://www.iso.org/patents">www.iso.org/patents</a>. 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 <a href="https://www.iso.org/iso/foreword.html">www.iso.org/iso/foreword.html</a>.

This document was prepared by Technical Committee ISO/TC 20, *Aircraft and space vehicles*, Subcommittee SC 14, *Space systems and operations*.

This second edition cancels and replaces the first edition (ISO 10785:2011), which has been technically revised.

The main changes are as follows:

- —clarification of the Scope;
- updates of the normative references and their citations in the text;
- updates of the terms and definitions to harmonize with the other ISO structural related standards;
- harmonization of requirements with ISO 24638 and ISO 21347.

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 <a href="https://www.iso.org/members.html">www.iso.org/members.html</a>.