



SLOVENSKI STANDARD SIST EN ISO 10855-3:2018

01-oktober-2018

Nadomešča:
SIST EN 12079-3:2007

Plavajoče kontejnerske enote in z njimi povezan dvizni pribor - 3. del: Periodični nadzor, pregled in preskušanje (ISO 10855-3:2018)

Offshore containers and associated lifting sets - Part 3: Periodic inspection, examination and testing (ISO 10855-3:2018)

Offshore container - Teil 3: Wiederkehrende Kontrolle, Inspektion und Prüfung (ISO 10855-3:2018)

STANDARD PREVIEW
(standards.iteh.ai)

Containers offshore - Partie 3: Inspection périodique, examen et test (ISO 10855-3:2018)

<https://standards.iteh.ai/catalog/standards/sist/2b24da28-3bf2-4b4a-a119-c739cd85101f/sist-en-iso-10855-3-2018>

Ta slovenski standard je istoveten z: EN ISO 10855-3:2018

ICS:

55.180.10	Večnamenski kontejnerji	General purpose containers
75.180.10	Oprema za raziskovanje, vrtanje in odkopavanje	Exploratory, drilling and extraction equipment

SIST EN ISO 10855-3:2018 en

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN ISO 10855-3:2018](#)

<https://standards.iteh.ai/catalog/standards/sist/2b24da28-3bf2-4b4a-a119-c739cd85101f/sist-en-iso-10855-3-2018>

EUROPEAN STANDARD

EN ISO 10855-3

NORME EUROPÉENNE

EUROPÄISCHE NORM

July 2018

ICS 75.180.10

Supersedes EN 12079-3:2006

English Version

Offshore containers and associated lifting sets - Part 3: Periodic inspection, examination and testing (ISO 10855- 3:2018)

Containeurs offshore et dispositifs de levage associés -
Partie 3: Inspection périodique, examen et test (ISO
10855-3:2018)

Offshore-Container und dazugehörige
Anschlaggarnituren - Teil 3: Wiederkehrende
Kontrolle, Inspektion und Prüfung (ISO 10855-3:2018)

This European Standard was approved by CEN on 30 April 2018.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

iTeh STANDARD PREVIEW

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

Contents	Page
European foreword.....	3

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN ISO 10855-3:2018](https://standards.iteh.ai/catalog/standards/sist/2b24da28-3bf2-4b4a-a119-c739cd85101f/sist-en-iso-10855-3-2018)
<https://standards.iteh.ai/catalog/standards/sist/2b24da28-3bf2-4b4a-a119-c739cd85101f/sist-en-iso-10855-3-2018>

European foreword

This document (EN ISO 10855-3:2018) has been prepared by Technical Committee ISO/TC 67 "Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries" in collaboration with Technical Committee CEN/TC 12 "Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries" the secretariat of which is held by NEN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by January 2019, and conflicting national standards shall be withdrawn at the latest by January 2019.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 12079-3:2006.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

PREVIEW
(standards.iteh.ai)

Endorsement notice

The text of ISO 10855-3:2018 has been approved by CEN as EN ISO 10855-3:2018 without any modification.

SIST EN ISO 10855-3:2018
<https://standards.iteh.ai/catalog/standards/sist/2624da28-36f2-4b4a-a119-c739cd85101f/sist-en-iso-10855-3-2018>

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN ISO 10855-3:2018](#)

<https://standards.iteh.ai/catalog/standards/sist/2b24da28-3bf2-4b4a-a119-c739cd85101f/sist-en-iso-10855-3-2018>

INTERNATIONAL
STANDARD

ISO
10855-3

First edition
2018-05

**Offshore containers and associated
lifting sets —**

**Part 3:
Periodic inspection, examination and
testing**

iTeh STANDARD PREVIEW
*Containeurs offshore et dispositifs de levage associés —
Partie 3: Inspection périodique, examen et test*
(standards.iteh.ai)

[SIST EN ISO 10855-3:2018](https://standards.iteh.ai/catalog/standards/sist/2b24da28-3bf2-4b4a-a119-c739cd85101f/sist-en-iso-10855-3-2018)

<https://standards.iteh.ai/catalog/standards/sist/2b24da28-3bf2-4b4a-a119-c739cd85101f/sist-en-iso-10855-3-2018>



Reference number
ISO 10855-3:2018(E)

© ISO 2018

iTeh STANDARD PREVIEW (standards.iteh.ai)

SIST EN ISO 10855-3:2018

<https://standards.iteh.ai/catalog/standards/sist/2b24da28-3bf2-4b4a-a119-c739cd85101f/sist-en-iso-10855-3-2018>



COPYRIGHT PROTECTED DOCUMENT

© ISO 2018

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
Fax: +41 22 749 09 47
Email: copyright@iso.org
Website: www.iso.org

Published in Switzerland

Contents	Page
Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	2
4 Symbols	2
5 Container inspection plate	3
5.1 General.....	3
5.2 Contents of inspection plate.....	3
6 Schedule of periodic inspection/examination and test — Containers	4
7 Container lifting test	4
7.1 General.....	4
7.2 Test equipment and calibration.....	5
8 Non-destructive examination (NDE) of welds	5
8.1 General.....	5
8.2 NDE methods.....	5
8.3 Use of Eddy Current Testing at periodic inspections.....	5
8.4 NDE operators.....	6
9 Visual inspection	6
9.1 General.....	6
9.2 Markings.....	6
9.3 Welds.....	6
9.4 Pad eyes and lashing points.....	6
9.5 Structure.....	6
9.6 Door closures.....	7
9.7 Floor.....	7
10 Marking of the inspection plate	7
11 Inspection report	7
12 Record keeping	8
13 Damage and repair procedures	8
14 Schedule of inspection/examination and test — Lifting sets	8
15 Inspection of attachment of lifting set to an offshore container	11
15.1 Attachment.....	11
15.2 Inspection report.....	11
15.3 Record keeping.....	11
16 Pre-trip inspections	12
Annex A (informative) Regulations for offshore containers	13
Annex B (informative) Recommended knowledge and experience of staff responsible for inspection of offshore containers	15
Annex C (informative) Recommended knowledge and experience of staff responsible for inspection of lifting sets intended for use with offshore containers	16
Bibliography	17

ISO 10855-3:2018(E)

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).

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 (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 on 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 WTO principles in the Technical Barriers to Trade (TBT) see the following URL: [Foreword - Supplementary information](#).

A list of all the parts of ISO 10855 can be found on the ISO website.

[SIST EN ISO 10855-3:2018
https://standards.iteh.ai/catalog/standards/sist/2b24da28-3bf2-4b4a-a119-c739cd85101f/sist-en-iso-10855-3-2018](https://standards.iteh.ai/catalog/standards/sist/2b24da28-3bf2-4b4a-a119-c739cd85101f/sist-en-iso-10855-3-2018)

Introduction

ISO 10855 (all parts) meets the requirements of IMO MSC/Circular 860^[1] for the design, construction, inspection, testing and in-service examination of offshore containers and associated lifting sets which are handled in open seas.

This document does not specify certification requirements for offshore containers which are covered by the IMO Circular 860 and SOLAS. IMO MSC/Circ.860 requires certification of offshore containers “by national administrations or organizations duly authorized by the Administration”, which should take account of both the calculations and the testing, “taking into account the dynamic lifting and impact forces that can occur when handling such equipment in open seas”. Further information about certification can be found in informative [Annex A](#) of this document.

ISO 10855 (all parts) does not cover operational use or maintenance, for which there are a number of industry guidelines which can be referred to. Some are listed in the Bibliography.

Under conditions in which offshore containers are often transported and handled, the 'normal' rate of wear and tear is high, and damage necessitating repair will occur. However, containers designed and manufactured according to ISO 10855 (all parts) will have sufficient strength to withstand the normal forces encountered in offshore operations, and will not suffer complete failure even if subject to more extreme loads.

iTeh STANDARD PREVIEW (standards.iteh.ai)

[SIST EN ISO 10855-3:2018](#)

<https://standards.iteh.ai/catalog/standards/sist/2b24da28-3bf2-4b4a-a119-c739cd85101f/sist-en-iso-10855-3-2018>