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Prodaja strokovne literature

- slovenski standardi SIST
- publikacije SIST
- kopije standardov JUS (do 25. 6. 1991)
- posredovanje tujih standardov in literature
- licenčne kopije standardov ISO in IEC, ETS, DIN BS in predlogov prEN
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Objava novih slovenskih nacionalnih standardov

SIST/TC AVM Avdio, video in večpredstavitveni sistemi ter njihova oprema

SIST EN 61938:2019

SIST EN 61938:2013

2019-04 (po) (en;fr;de) 37 str. (H)

Večpredstavnostni sistemi - Navodilo za priporočene karakteristike analognih vmesnikov, ki omogočajo medobratovalnost

Multimedia systems - Guide to the recommended characteristics of analogue interfaces to achieve interoperability (GMT)

Osnova: EN IEC 61938:2018

ICS: 33.160.60, 35.200

This document gives guidance on current practice for the characteristics of multimedia analogue interfaces to achieve interoperability between equipment from different manufacturers. It is not a performance standard.

Recommendations for interfaces for equipment used in vehicles, and for analogue video interfaces for broadcast and similar equipment, are not given.

Refer to IEC 60958 for the interconnection of digital signals.

Figure 1 shows in a diagram the possible interfaces of the audio and video sources and destinations.

SIST EN 62702-1-1:2016/AC:2019

2019-04 (po) (en;fr;de) 3 str. (AC)

Sistem zvočnega arhiva - 1-1. del: DVD-plošča in prenos podatkov za dolgoročno hrambo zvočnih podatkov

Audio Archive System - Part 1-1: DVD disk and data migration for long term audio data storage

Osnova: EN 62702-1-1:2016/AC:2018-04

ICS: 35.220.30, 33.160.30

Popravek k standardu SIST EN 62702-1-1:2016.

Ta del standarda IEC 62702 določa metodo zagotavljanja kakovosti podatkov za zapisljive DVD-plošče (v nadaljevanju plošče), ki so opredeljene za dolgoročno hrambo podatkov, in metodo prenosa podatkov, ki lahko shrani zapisane podatke na ploščah za dolgoročno hrambo zvočnih podatkov. Zapisljive plošče vključujejo snemalne plošče v oblikah zapisov DVD-R in +R ter prepisljive plošče v oblikah zapisov DVD-RW, +RW in DVD-RAM.

SIST/TC BBB Beton, armirani beton in prednapeti beton

SIST EN 12390-10:2019

SIST-TS CEN/TS 12390-10:2008

2019-04 (po) (en;fr;de) 22 str. (F)

Preskušanje strjenega betona - 10. del: Določevanje odpornosti betona proti karbonatizaciji pri atmosferski koncentraciji ogljikovega dioksida

Testing hardened concrete - Part 10: Determination of the carbonation resistance of concrete at atmospheric levels of carbon dioxide

Osnova: EN 12390-10:2018

ICS: 91.100.30

This European Standard describes the procedures used to determine the carbonation rate of a concrete expressed in mm/ $\sqrt{\text{year}}$. This European Standard describes the procedure where a standardized storage chamber is used and where specimens are placed on a natural, but protected from direct rainfall exposure site. These procedures are suitable for the initial testing of concrete, but they are not appropriate for factory production control.

SIST-TP CEN/TR 15868:2019

SIST-TP CEN/TR 15868:2009

2019-04 (po) (en;fr;de) 195 str. (R)

Pregled zahtev, veljavnih v kraju uporabe v povezavi z evropskim standardom za beton EN 206 ter razvojem uporabljene prakse

Survey on provisions valid in the place of use used in conjunction with the European concrete standard and developing practice

Osnova: CEN/TR 15868:2018

ICS: 91.100.30

This CEN Report provides a summary of provisions valid in the place of use used with EN 206:2013. The aims of this CEN Report are to:

- a) provide a picture of how EN 206:2013 is being applied in practice;
- b) identify areas where EN 206 is being interpreted in different ways;
- c) identify areas where CEN Member Countries have found simplification to be necessary;
- d) identify where the options listed in EN 206:2013, Annex M to have provisions valid in the place of use have been taken up;
- e) identify other clauses in EN 206 where CEN Member Countries have amended or added to the requirements;
- f) identify areas within the scope of concrete production and supply not covered by EN 206, but covered by national provisions;
- g) identify developing practice that may lead to a need for standardization in the future.

EN 206 uses the phrase 'provisions valid in the place of use'. This survey uses the term 'provisions valid in the place of use' to include regulations, standards and other documents that form the basis of local practice.

As a summary of national requirements, the information in this CEN Report is incomplete and may have been subject to later revisions, particularly if the entry was based on information in CEN/TR15868:2009. It is insufficient and not intended to provide the basis for design and specification: for this the national requirements (see Table 2) should be studied.

Table 2 identifies CEN Member Countries who did not respond to the questionnaire. The other tables in this CEN Report only include information from CEN Member Countries, or in the view of the authors, the information in CEN/TR 15868:2009 is still likely to be valid.

SIST/TC CAA Mineralna veziva in zidarstvo

SIST EN 13454-2:2019

SIST EN 13454-2:2004+A1:2007

2019-04 (po) (en;fr;de) 22 str. (F)

Veziva za estrihe na osnovi kalcijevega sulfata - 2. del: Preskusne metode

Binders for floor screeds based on calcium sulphate - Part 2: Test methods

Osnova: EN 13454-2:2019

ICS: 91.100.50, 91.100.10

This European Standard describes the test methods for binders for floor screeds based on calcium sulphate specified in prEN 13454 1. This European Standard describes the test methods for factory made mixtures for floor screeds based on calcium sulphate specified in EN 13813.

This European Standard describes reference test methods. If other than these methods and conditions are used, it is necessary to show that they give results equivalent to those given by the reference methods. In the event of a dispute, only the reference test method is used.

SIST/TC DTN Dvigalne in transportne naprave

SIST EN 13001-3-4:2019

2019-04 (po) (en;fr;de) 110 str. (N)

Žerjavi - Konstrukcija, splošno - 3-4. del: Mejna stanja in dokaz varnosti mehanizma - Ležaji

Cranes - General design - Part 3-4: Limit states and proof of competence of machinery - Bearings

Osnova: EN 13001-3-4:2018

ICS: 21.100.01, 53.020.20

This European Standard is to be used together with EN 13001-1 and EN 13001-2 and as such they specify general conditions, requirements and methods to prevent mechanical hazards of cranes by design and theoretical verification.

NOTE Specific requirements for particular types of crane are given in the appropriate European Standard for the particular crane type.

This European Standard covers bearings that are not dealt with by other EN 13001 standards.

The following is a list of significant hazardous situations and hazardous events that could result in risks to persons during intended use and reasonably foreseeable misuse. Clauses 4 to 7 of this standard are necessary to reduce or eliminate risks associated with the following hazards:

- exceeding the limits of strength (yield, ultimate, fatigue);
- exceeding temperature limits of material or components;
- elastic instability of the crane or its parts (buckling, bulging).

This European Standard is not applicable to cranes which are manufactured before the date of its publication as EN and serves as reference base for the European Standards for particular crane types (see Annex I).

NOTE prEN 13001-3-4 deals only with limit state method in accordance with EN 13001-1.

SIST EN 1459-2:2015+A1:2019

SIST EN 1459-2:2015

2019-04 (po) (en;fr) 67 str. (K)

Vozila za talni transport - Terenska vozila - Varnostne zahteve in preverjanje - 2. del: Vozila z vrtljivim mehanizmom za dviganje s spremenljivim dosegom

Rough-terrain trucks - Safety requirements and verification - Part 2: Slewing variable-reach trucks

Osnova: EN 1459-2:2015+A1:2018

ICS: 53.060

This European Standard specifies the general safety requirements of slewing variable-reach rough-terrain trucks (here-after referred to as trucks), consisting of a lower chassis with a slewing upper structure equipped with a telescopic lifting means (pivoted boom), on which a load handling device (e.g. carriage and fork arms) is typically fitted.

Fork arms are covered by this European Standard and considered to be parts of the truck.

This European Standard deals with all significant hazards, hazardous situations and events relevant to the trucks when they are used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer (see Annex A) with the exception of hazards listed in 1.3 and 1.4.

This European Standard does not apply to:

- variable-reach rough terrain trucks covered by prEN 1459-1 (non-slewing);
- industrial variable-reach trucks covered by prEN ISO 3691 2;
- lorry-mounted variable-reach trucks;
- variable reach trucks fitted with tilting or elevating operator position;
- mobile cranes covered by EN 13000;
- machines designed primarily for earth moving, such as loaders and dozers, even if their buckets and blades are replaced with forks (see EN 474 series);
- trucks designed primarily with variable length load suspension elements (e.g., chain, ropes) from which the load may swing freely in all directions;
- trucks designed primarily for container handling;
- trucks on tracks;
- attachments (prEN 1459-5).

This European Standard does not address hazards linked to:

- hybrid power systems;
- gas power system;
- trucks equipped with gasoline engine;
- battery power system;
- tractor specific devices (e.g. PTO).

This European Standard does not address hazards which may occur when:

- a) handling suspended loads which may swing freely (additional requirements are given in prEN 1459-4);
- b) using trucks on public roads;
- c) operating in potentially explosive atmospheres;
- d) operating underground;
- e) when towing trailers;
- f) fitted with a personnel work platform (additional requirements are given in EN 1459-3).

SIST EN 16842-5:2019

2019-04 (po) (en;fr) 12 str. (C)

Vozila za talni transport - Gnana vozila za talni transport - Vidno polje voznika - Preskusna metoda za preverjanje - 5. del: Tovorna vozila z zmogljivostjo do vključno 10 000 kg

Powered industrial trucks - Visibility - Test method and verification - Part 3: Reach trucks up to and including 10 000 kg

Osnova: EN 16842-5:2018

ICS: 53.060

This European Standard specifies the requirements and test procedures for 360° visibility of reach trucks with a sit-on or stand-on operator, without load (herein referred to as truck), with a capacity up to and including 10 000 kg in accordance with ISO 5053 1 and is intended to be used in conjunction with FprEN 16842-1. Where specific requirements in this part are modified from the general requirements in FprEN 16842-1, the requirements of this part are truck specific and to be used for reach trucks with a sit-on or stand-on operator with a capacity ≤ 10 000 kg. This part of EN 16842 deals with all significant hazards, hazardous situations or hazardous events as listed in Annex ZA, Table ZA.1, relevant to the visibility of the operator for applicable machines when used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer.

SIST EN 16842-6:2019

2019-04 (po) (en;fr) 16 str. (D)

Vozila za talni transport - Gnana vozila za talni transport - Vidno polje voznika - Preskusna metoda za preverjanje - 6. del: Čelni viličarji z voznikovim sedežem in težki terenski viličarji z zmogljivostjo več kot 10 000 kg

Powered industrial trucks - Visibility - Test methods and verification - Part 6: Sit-on counterbalance trucks and rough terrain masted trucks greater than 10 000 kg capacity

Osnova: EN 16842-6:2018

ICS: 53.060

This European Standard specifies the requirements and test procedures for 360° visibility of sit-on self-propelled industrial counterbalance trucks and rough terrain masted trucks (herein referred to as truck) with a capacity greater than 10 000 kg in accordance with ISO 5053-1 and is intended to be used in conjunction with FprEN 16842-1.

Where specific requirements in this part are modified from the general requirements in FprEN 16842-1, the requirements of this part are truck specific and to be used for sit-on self-propelled industrial counterbalance trucks and rough terrain masted trucks with a capacity greater than 10 000 kg.

This part of EN 16842 deals with all significant hazards, hazardous situations or hazardous events as listed in Annex ZA, Table ZA.1, relevant to the visibility of the operator for applicable machines when used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer.

SIST EN 16842-7:2019**2019-04 (po) (en;fr) 13 str. (D)**

Vozila za talni transport - Gnana vozila za talni transport - Vidno polje voznika - Preskusna metoda za preverjanje - 7. del: Tovorni zabojniki s kontejnerji s spremenljivim dosegom 6 m in več

Powered industrial trucks - Visibility - Test method for verification - Part 7: Variable reach and masted container trucks handling freight containers of 6 m length and longer

Osnova: EN 16842-7:2018

ICS: 53.060

This European Standard specifies the requirements and test procedures for 360° visibility of sit-on self-propelled industrial variable reach truck and masted trucks (herein referred to as truck) specifically designed for the transport of freight containers of 6 m length and longer, equipped with a spreader in accordance with ISO 5053-1 and is intended to be used in conjunction with FprEN 16842-1.

Where specific requirements in this part are modified from the general requirements in FprEN 16842-1, the requirements of this part are truck specific and to be used for sit-on self-propelled industrial variable reach truck and masted trucks handling freight containers.

This part of EN 16842 deals with all significant hazards, hazardous situations or hazardous events as listed in Annex ZA, Table ZA.1, relevant to the visibility of the operator for applicable machines when used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer.

This standard does not apply to trucks equipped with forks.

SIST EN 17064:2019

SIST CEN/TR 14819-1:2004

SIST-TP CEN/TR 14819-2:2006

2019-04 (po) (en;fr;de) 28 str. (G)

Varnostne zahteve za žičniške naprave za prevoz oseb - Preprečevanje in gašenje požara

Safety requirements for cableway installations designed to carry persons - Prevention and fight against fire

Osnova: EN 17064:2018

ICS: 13.220.20, 45.100

This European standard establishes the safety requirements that apply to prevention and fight against fire in cableway installations designed to carry persons.

This standard defines safety principles relating to the prevention of and fight against fires in terms of design, operability and maintainability of cableway installations, and operation and maintenance instructions.

This document supplements the existing standards listed in the foreword exclusively in respect of aspects of fire prevention and firefighting.

This standard does not apply to cableway installations for the transportation of goods nor to lifts.

SIST EN 81-28:2018+AC:2019

SIST EN 81-28:2018

2019-04 (po) (en;fr;de) 21 str. (F)

Varnostna pravila za konstruiranje in vgradnjo dvigal (liftov) - Dvigala za prevoz oseb in blaga - 28. del: Alarmi v osebnih in osebno-tovornih dvigalih

Safety rules for the construction and installation of lifts - Lifts for the transport of persons and goods - Part 28: Remote alarm on passenger and goods passenger lifts

Osnova: EN 81-28:2018+AC:2019

ICS: 91.140.90, 13.520

This European Standard applies to alarm systems for all types of passenger and goods passenger lifts, in particular those covered in the EN 81 series.

This European Standard also deals with the minimum information to be provided as part of the instruction manual related to maintenance and the rescue service.

This European Standard deals with the following significant hazard relevant to lifts when they are used as intended and under the conditions foreseen by the installer/manufacturer:

- entrapment of users due to the lift not working properly.

This European Standard is not applicable to alarm systems intended to be used to call for help in other cases, e.g. heart attack, seeking information.

This European Standard is applicable to alarm systems used for lifts manufactured and installed after the date of publication by CEN of this standard. However, this European Standard can be taken into account when applied to existing lifts.

EN 81 70 gives additional requirements for persons with disabilities (e.g. inductive loop, alarm button).

SIST EN 81-71:2018+AC:2019

SIST EN 81-71:2018

2019-04 (po) (en) 50 str. (G)

Varnostna pravila za konstruiranje in vgradnjo dvigal (liftov) - Posebne izvedbe osebnih in osebno-tovornih dvigal - 71. del: Dvigala, odporna proti vandalizmu

Safety rules for the construction and installation of lifts - Part 71: Vandal resistant lifts and goods passenger lifts

Osnova: EN 81-71:2018+AC:2019

ICS: 91.140.90

This document gives additional and deviating requirements to EN 81-20 as applicable in order to ensure the safety of lift users and the availability of lifts, which may be used for vandal resistant purposes. In all other respects such lifts are designed in accordance with EN 81-20. This document deals with the significant hazards, hazardous situations and events relevant to lifts which can be affected by vandalism (as listed in Clause 4) when they are used under the conditions as foreseen by the installer.

It does not cover building security or Category 0 lifts (see definition 3.2).

For other types of lifts, e.g. inclined lifts according to EN 81-22, this standard can usefully be taken as a basis.

SIST EN 81-77:2019

SIST EN 81-77:2014

2019-04 (po) (en;fr;de) 50 str. (G)

Varnostna pravila za konstruiranje in vgradnjo dvigal (liftov) - Posebne izvedbe osebnih in tovorno-osebnih dvigal - 77. del: Dvigala (lifti) za potresne razmere

Safety rules for the construction and installations of lifts - Part 77: Lifts subject to seismic conditions and goods passenger lifts

Osnova: EN 81-77:2018

ICS: 91.120.25, 91.140.90

This European Standard specifies the special provisions and safety rules for passenger and goods passenger lifts where these lifts are permanently installed in buildings that are in compliance with EN 1998-1 (Eurocode 8).

This standard defines additional requirements to EN 81 1 and EN 81 2.

It applies to new passenger lifts and goods passenger lifts. However, it may be used as a basis to improve the safety of existing passenger and goods passenger lifts.

It does not apply to seismic lift category 0 as defined in Table A.1.

This European Standard does not address other risks due to seismic events (for example fire, flood, explosion).

SIST EN ISO 21183-2:2019

SIST EN ISO 21183-2:2007

2019-04 (po) (en;fr) 21 str. (F)

Lahki trakovi tračnih transporterjev - 2. del: Seznam enakovrednih izrazov (ISO 21183-2:2018)

Light conveyor belts - Part 2: List of equivalent terms (ISO 21183-2:2018)

Osnova: EN ISO 21183-2:2018

ICS: 53.040.20, 01.040.53

This document establishes a list of equivalent terms relating to light conveyor belts.

NOTE In addition to terms used in the three official ISO languages (English, French and Russian), this

document gives the equivalent terms in German, Spanish, Italian and Japanese; these are published under the responsibility of the member bodies for Germany (DIN), Spain (AENOR), Italy (UNI) and Japanese (JISC). However, only the terms given in the official languages can be considered as ISO terms.

SIST EN ISO 24134:2019

SIST EN 1526:1998+A1:2008

2019-04 (po) (en;fr) 16 str. (D)

Vozila za talni transport - Dodatne zahteve za avtomatiko na vozilih (ISO 24134:2006)

Industrial trucks - Additional requirements for automated functions on trucks (ISO 24134:2006)

Osnova: EN ISO 24134:2018

ICS: 53.060

ISO 24134:2006 specifies the safety requirements for controls and control systems for the following automated functions of industrial trucks: steering (excluding direct mechanical guidance); travel; lifting and lowering operations; load manipulations, e.g. rotation, reach, slewing, tilting, clamping; combination and/or sequence of these movements.

ISO 24134:2006 is intended for use in conjunction with one or more of the applicable parts of ISO 3691. It is not applicable to, and does not include, requirements for the following: safety equipment (e.g. devices for height limitation, speed limitation) used to override driver control; operation in severe conditions (e.g. extreme climates, freezer applications, strong magnetic fields); operation in environments subject to special rules (e.g. potentially explosive atmospheres); electromagnetic compatibility; transportation of passengers; handling of loads, the nature of which could lead to dangerous situations (e.g. molten metals, acids/bases, radiating materials).

Limitations in the scopes of the applicable parts of ISO 3691 also apply to ISO 24134:2006.

SIST/TC EPO Embalaža - prodajna in ovojna

SIST-TP CEN/TR 13695-2:2019

SIST-TP CEN/TR 13695-2:2005

2019-04 (po) (en;fr;de) 18 str. (E)

Embalaža - Zahteve za merjenje in overjanje štirih težkih kovin in drugih nevarnih snovi v embalaži ter njihovo sproščanje v okolje - 2. del: Zahteve za merjenje in overjanje nevarnih snovi v embalaži ter njihovo sproščanje v okolje

Packaging - Requirements for measuring and verifying the four heavy metals and other dangerous substances present in packaging, and their release into the environment - Part 2: Requirements for measuring and verifying dangerous substances present in packaging, and their release into the environment

Osnova: CEN/TR 13695-2:2019

ICS: 55.020, 13.020.30

This document specifies the methodology and procedure for determining the presence and minimization of other dangerous substances in relation with Annex II Para 1 Indent 3 of Directive 94/62/EC. This document is intended to be of practical use, and to enable efficient application of Directive 94/62/EC, even for small and medium-sized companies in the packaging industry, providing them with a methodology for assessing compliance with the Directive. This document cannot by itself provide presumption of conformity. The procedure for applying this document is contained in EN 13427.

SIST/TC EPR Električni pribor

SIST EN 60898-1:2019

SIST EN 60898-1:2004
SIST EN 60898-1:2004/A1:2006
SIST EN 60898-1:2004/A11:2006
SIST EN 60898-1:2004/A12:2008
SIST EN 60898-1:2004/A13:2012
SIST EN 60898-1:2004/IS1:2007
SIST EN 60898-1:2004/IS2:2007
SIST EN 60898-1:2004/IS3:2007
SIST EN 60898-1:2004/IS4:2007

2019-04 (po) (en;fr;de) 175 str. (R)

Električni pribor - Odklopniki za nadtokovno zaščito za gospodinske in podobne inštalacije - 1. del:

Odklopniki za izmenični tok (IEC 60898-1:2015, spremenjen)

Electrical accessories - Circuit-breakers for overcurrent protection for household and similar installations - Part 1: Circuit-breakers for a.c. operation (IEC 60898-1:2015, modified))

Osnova: EN 60898-1:2019

ICS: 29.120.50

IEC 60898-1:2015(E) applies to a.c. air-break circuit-breakers for operation at 50 Hz, 60 Hz or 50/60 Hz, having a rated voltage not exceeding 440 V (between phases), a rated current not exceeding 125 A and a rated short-circuit capacity not exceeding 25 000 A. This second edition cancels and replaces the first edition published in 2002, Amendment 1:2002 and Amendment 2:2003. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition:

- a) Revision of 9.5 Terminals
- b) Revision of the test of glow wire
- c) Simplification of the figures for short circuit tests.

The contents of the corrigendum of November 2015 have been included in this copy.

SIST EN 61058-2-6:2019

SIST EN 61058-2-6:2017

2019-04 (po) (en;fr;de) 24 str. (F)

Stikala za aparate - 2-6. del: Posebne zahteve za stikala, ki se uporabljajo v električnih ročnih orodjih na motorni pogon, prenosnih orodjih ter strojih za trato in vrt (IEC 61058-2-6:2018)

Switches for appliances - Part 2-6: Particular requirements for switches used in electric motor-operated hand-held tools, transportable tools and lawn and garden machinery (IEC 61058-2-6:2018)

Osnova: EN IEC 61058-2-6:2019

ICS: 29.120.40

Clause 1 of IEC 61058-1:2016 is applicable except as follows.

Addition:

This part of IEC 61058 is a subset based on IEC 61058-1. The clauses outlined below are intended to address the specific requirements for switches incorporated into or integrated with electric motor-operated hand-held tools, transportable tools and lawn and garden machinery.

This document is intended for switches with an ambient temperature up to and including 55 °C. Switches tested according to IEC 61058-1 are considered to comply with this document and additional testing is not required provided ratings, loads, and endurance are correct.

NOTE This document takes into account the fact that tests are conducted as part of the end-product evaluation (e.g. products tested according to the IEC 60745 and IEC 62841 series, and lawn and gardening equipment tested according to the IEC 60335 series), and that tests are not conducted on the component switch.

SIST/TC EVA Električne varovalke

SIST EN IEC 60127-8:2019

2019-04 (po) (en;fr;de) **29 str. (G)**

Miniaturne varovalke - 8. del: Varovalčni upori s posebno nadtokovno zaščito (IEC 60127-8:2018)

Miniature fuses - Part 8: Fuse resistors with particular overcurrent protection (IEC 60127-8:2018)

Osnova: EN IEC 60127-8:2018

ICS: 29.120.50

This part of IEC 60127 relates to fuse resistors with particular overcurrent protection rated up to AC 500 V and/or DC 500 V for printed circuits and other substrate systems, used for the protection of electric appliances, electronic equipment and component parts thereof, normally intended to be used indoors.

It does not apply to fuse resistors with particular overcurrent protection for appliances intended to be used under special conditions, such as in a corrosive or explosive atmosphere. The object of this part of IEC 60127 is

a) to establish uniform requirements for fuse resistors with particular overcurrent protection so as to protect appliances or parts of appliances in the most suitable way;

b) to define the performance of the fuse resistors with particular overcurrent protection, so as to give guidance to manufacturers of electrical appliances and electronic equipment and to ensure replacement of fuse resistors with particular overcurrent protection by those of similar dimensions and characteristics;

c) to establish uniform test methods for fuse resistors with particular overcurrent protection, so as to allow verification of the values (for example rated dissipation, functioning characteristic and rated breaking capacity values) specified by the manufacturer.

Manufacturers of fuse resistors with particular overcurrent protection shall ensure on their own responsibility that their products comply with the requirements of the resistor-related standards IEC 60115-1, IEC 60115-4-101 and IEC 60115-4-1021.

This part of IEC 60127 applies in addition to the requirements of IEC 60127-1.

SIST/TC IESV Električne svetilke

SIST EN 60188:2002/A11:2019

2019-04 (po) (en) **13 str. (D)**

Visokotlačne živosrebrne sijalke - Tehnične specifikacije - Dopolnilo A11

High-pressure mercury vapour lamps - Performance specifications

Osnova: EN 60188:2001/A11:2019

ICS: 29.140.30

Dopolnilo A11:2019 je dodatek k standardu SIST EN 60188:2002.

Specifies the performance requirements for high-pressure mercury vapour lamps for general lighting purposes, with or without a red correcting fluorescent coating.

SIST EN 60662:2012/A11:2019

2019-04 (po) (en) **14 str. (D)**

Visokotlačne natrijeve sijalke - Tehnične specifikacije - Dopolnilo A11

High-pressure sodium vapour lamps - Performance specifications

Osnova: EN 60662:2012/A11:2019

ICS: 29.140.30

Dopolnilo A11:2019 je dodatek k standardu SIST EN 60662:2012.

Ta mednarodni standard določa zahteve za delovanje za visokotlačne natrijeve sijalke za splošno uporabo v razsvetljavi, ki izpolnjujejo varnostne zahteve iz standarda IEC 62035. Pri nekaterih zahtevah iz tega standarda je omenjen »tehnični list ustrezne sijalke«. Tehnični listi nekaterih sijalk so zajeti v tem standardu. Ustrezne podatke za druge sijalke, ki sodijo v področje uporabe tega standarda, zagotovi

njihov proizvajalec ali odgovorni prodajalec. Zahteve iz tega standarda se nanašajo samo na tipsko preskušanje. Zahteve glede preskusa s prižiganjem sijalk in ustreznih informacij o projektiranju dušilke/sprožilca se razlikujejo glede na prakso države, v kateri je bila sijalka prvotno razvita.

SIST/TC IFEK Železne kovine

SIST EN ISO 683-3:2019

SIST EN ISO 683-3:2018

2019-04 (po) (en;fr;de) 44 str. (I)

Toplotno obdelana, legirana in avtomatna jekla - 3. del: Cementacijska jekla (ISO 683-3:2019)

Heat-treatable steels, alloy steels and free-cutting steels - Part 3: Case-hardening steels (ISO 683-3:2019)

Osnova: EN ISO 683-3:2019

ICS: 77.140.20, 77.140.10

This document specifies the technical delivery requirements for

- semi-finished products, hot formed, e.g. blooms, billets, slabs (see NOTE 1),
- bars (see NOTE 1),
- wire rod,
- finished flat products, and
- hammer or drop forgings (see NOTE 1)

manufactured from the case-hardening non-alloy or alloy steels listed in Table 3 and supplied in one of the heat-treatment conditions given for the different types of products in Table 1 and in one of the surface conditions given in Table 2.

The steels are, in general, intended for the manufacture of case-hardened machine parts.

NOTE 1 Hammer-forged semi-finished products (blooms, billets, slabs, etc.), seamless rolled rings and hammer-forged bars are covered under semi-finished products or bars and not under the term “hammer and drop forgings”.

NOTE 2 For International Standards relating to steels complying with the requirements for the chemical

composition in Table 3, however, supplied in other product forms or treatment conditions than given above or intended for special applications, and for other related International Standards, see the Bibliography.

In special cases, variations in these technical delivery requirements or additions to them can form the subject of an agreement at the time of enquiry and order (see 5.2 and Annex A).

In addition to this document, the general technical delivery requirements of ISO 404 are applicable.

SIST/TC INIR Neionizirna sevanja

SIST EN 62252:2019

SIST EN 50385:2010

SIST EN 50385:2010/AC:2013

SIST EN 50400:2006

SIST EN 50400:2006/A1:2014

SIST EN 50400:2006/AC:2012

SIST EN 50492:2009

SIST EN 50492:2009/A1:2014

2019-04 (po) (en) 243 str. (T)

Določitev RF poljske jakosti, gostote moči in SAR v okolici radiokomunikacijskih baznih postaj za namene ocenjevanja izpostavljenosti ljudi

Determination of rf field strength, power density and sar in the vicinity of radiocommunication base stations for the purpose of evaluating human exposure

Osnova: EN 62252:2017

ICS: 13.280, 17.240

This document provides methods for the determination of radio-frequency (RF) field strength and specific absorption rate (SAR) in the vicinity of radiocommunication base stations (RBS) for the purpose of evaluating human exposure.

This document:

- a) considers intentionally radiating RBS which transmit on one or more antennas using one or more frequencies in the range 110 MHz to 100 GHz;
- b) considers the impact of ambient sources on RF exposure at least in the 100 kHz to 300 GHz frequency range;
- c) specifies the methods to be used for RF exposure evaluation for compliance assessment applications, namely:
 - 1) product compliance – determination of compliance boundary information for an RBS product before it is placed on the market;
 - 2) product installation compliance – determination of the total RF exposure levels in accessible areas from an RBS product and other relevant sources before the product is put into service;
 - 3) in-situ RF exposure assessment – measurement of in-situ RF exposure levels in the vicinity of an RBS installation after the product has been taken into operation;
- d) describes several RF field strength and SAR measurement and computation methodologies with guidance on their applicability to address both the in-situ evaluation of installed RBS and laboratory-based evaluations;
- e) describes how surveyors, with a sufficient level of expertise, establish their specific evaluation procedures appropriate for their evaluation purpose;
- f) provides guidance on how to report, interpret and compare results from different evaluation methodologies and, where the evaluation purpose requires it, determine a justified decision against a limit value;
- g) provides short descriptions of the informative example case studies given in the companion Technical Report IEC TR 62669 [1].

SIST/TC IOVO Oskrba z vodo, odvod in čiščenje odpadne vode

SIST EN 12873-3:2019

SIST EN 12873-5:2006

2019-04

(po)

(en;fr;de)

15 str. (D)

Vpliv materiala na pitno vodo - Vpliv migracije - 3. del: Preskusna metoda za ionsko izmenjavo in vpojne smole

Influence of materials on water intended for human consumption - Influence due to migration - Part 3: Test method for ion exchange and adsorbent resins

Osnova: EN 12873-3:2019

ICS: 67.250, 13.060.20

This European Standard specifies a procedure to determine the migration of substances from ion exchange, adsorbent or hybrid resin materials for use in contact with water intended for human consumption.

Resins comprise synthetic organic macromolecular materials.

This standard is applicable to resins of the following types:

- ion exchange resins: used to modify the composition of water (e.g. softening by removal of calcium ions). They can be in either an anionic or cationic state;
- adsorbent resins: used to lower the concentration of undesirable substances (usually organic pollutants) from water. They are used in a neutral state;
- hybrid adsorbents: Organic polymer based ion exchange resin or adsorbent resin with incorporated inorganic (e.g. iron hydroxide) or second organic phase. Used to lower the concentration of undesirable substances (specific inorganic or organic pollutants) from water. They can be in either an anionic, cationic or neutral state.

SIST/TC IPKZ Protikorozijska zaščita kovin

SIST EN ISO 10111:2019

SIST EN ISO 10111:2003

2019-04 (po) (en) 18 str. (E)

Kovinske in druge anorganske prevleke - Merjenje mase na enoto površine - Pregled gravimetrijskih in kemijskih analiznih metod (ISO 10111:2019)

Metallic and other inorganic coatings - Measurement of mass per unit area - Review of gravimetric and chemical analysis methods (ISO 10111:2019)

Osnova: EN ISO 10111:2019

ICS: 17.060, 71.040.40, 25.220.40

This document gives guidelines for determining the average surface density over a measured area of anodic oxide or of a coating deposited autocatalytically, mechanically, by chemical conversion, by electrodeposition, by hot dip galvanizing and by chemical or physical vapour deposition using gravimetric and other chemical analysis procedures that have attained some degree of national or international standardization.

A variety of procedures are described and include:

- gravimetric procedures for chemical or electrochemical dissolution of the coating or the substrate to determine the coating surface density;
- gravimetric procedures for weighing the uncoated substrate and the coated (finished) specimen to determine the coating surface density;
- analytical procedures that utilize dissolution of the coating for determination of the coating surface density by instrumental chemical analysis methods.

With the exception of the gravimetric method as described in ISO 3892, this document does not give the measurement uncertainties of the methods cited.

SIST/TC IPMA Polimerni materiali in izdelki

SIST EN ISO 294-4:2019

SIST EN ISO 294-4:2003

SIST EN ISO 294-4:2003/AC:2011

2019-04 (po) (en;fr;de) 17 str. (E)

Polimerni materiali - Preskušanci iz plastomerov, oblikovani z injekcijskim vbrizgavanjem - 4. del:

Določitev skrčka pri oblikovanju (ISO 294-4:2018)

Plastics - Injection moulding of test specimens of thermoplastic materials - Part 4: Determination of moulding shrinkage (ISO 294-4:2018)

Osnova: EN ISO 294-4:2019

ICS: 83.080.20

This document specifies a method of determining the moulding shrinkage and post-moulding shrinkage of injection-moulded test specimens of thermoplastic material in the directions parallel to and normal to the direction of melt flow.

For the determination of shrinkage of thermosets, see ISO 2577[2].

Moulding shrinkage as defined in this document excludes the effects of humidity uptake. This is included in post-moulding shrinkage and thus in total shrinkage. For cases when post-moulding shrinkage is caused by the uptake of humidity only, see ISO 175[1].

Moulding shrinkage as defined in this document represents the so-called free shrinkage with unrestricted deformation of the cooling plates in the mould during the hold period. It is considered, therefore, as the maximum value of any restricted shrinkage.

SIST/TC ISCB Sekundarne celice in baterije

SIST EN 50342-1:2016/A1:2019

2019-04 (po) (en) 7 str. (B)

Svinčeno-kislinske zaganjalne baterije - 1. del: Splošne zahteve in preskusne metode

Lead-acid starter batteries - Part 1: General requirements and methods of test

Osnova: EN 50342-1:2015/A1:2018

ICS: 29.220.20

Dopolnilo A1:2019 je dodatek k standardu SIST EN 50342-1:2016.

Ta standard se uporablja za svinčeno-kislinske baterije z nazivno napetostjo 12 V, ki se uporabljajo predvsem kot vir napajanja za zagon motorjev z notranjim izgorevanjem, razsvetljavo in tudi za pomožno opremo vozil z motorji z notranjim izgorevanjem. Običajno te baterije imenujemo »zaganjalne baterije«. Tudi baterije z nazivno napetostjo 6 V so zajete v področje uporabe tega standarda. Vse navedene napetosti je treba v primeru baterij z napetostjo 6 V deliti z 2.

Ta standard se uporablja za baterije za naslednje namene:

- baterije za potniške avtomobile;
- baterije za komercialna in industrijska vozila.

Ta standard se ne uporablja za baterije za druge namene, na primer za zagon železniških motornih vozil z motorjem z notranjim izgorevanjem ali za motorna kolesa.

NOTE: V pripravi je ločen standard za baterije motornih koles.

SIST EN 50342-6:2016/A1:2019

2019-04 (po) (en) 5 str. (B)

Svinčeno-kislinske zaganjalne baterije - 6. del: Baterije za mikrociklične aplikacije

Lead-acid starter batteries - Part 6: Batteries for Micro-Cycle Applications

Osnova: EN 50342-6:2015/A1:2018

ICS: 29.220.20

Dopolnilo A1:2019 je dodatek k standardu SIST EN 50342-6:2016.

Ta standard se uporablja za svinčeno-kislinske baterije z nazivno napetostjo 12 V, ki se uporabljajo predvsem kot vir napajanja za zagon motorjev z notranjim izgorevanjem (ICE), razsvetljavo in tudi za pomožno opremo vozil z motorji ICE. Običajen te baterije imenujemo »zaganjalne baterije«. Tudi baterije z nazivno napetostjo 6 V so zajete v področje uporabe tega standarda. Vse navedene napetosti je treba v primeru baterij z napetostjo 6 V deliti z 2. V področje uporabe tega standarda spadajo baterije, ki se uporabljajo za mikrociklične aplikacije v vozilih, ki jih je mogoče imenovati tudi aplikacije Start-Stop (ali Stop-Start, sistem zaustavitve v prostem teku, mikrohibridne aplikacije ali sistem »ustavi v prostem teku in spelji«). Pri vozilih s to posebno funkcijo se motor z notranjim izgorevanjem izklopi, ko se vozilo povsem zaustavi, v prostem teku z nizko hitrostjo ali v prostem teku brez potrebe po omogočanju premikanja vozila z motorjem z notranjim izgorevanjem. V času, ko je motor izklopljen, se mora večina električnih in elektronskih komponent vozila napajati prek baterije brez podpore alternatorja. Poleg tega je v večini primerov nameščena dodatna funkcija regenerativnega zaviranja (povrnitev ali obnovitev zavorne energije). Baterije v tovrstnih aplikacijah so obremenjene povsem drugače kot običajne zaganjalne baterije. Poleg teh dodatnih lastnosti morajo te baterije pognati ročico motorja ICE in omogočati delovanje svetil in pomožnih funkcij v standardnem načinu obratovanja s podporo alternatorja, ko je motor z notranjim izgorevanjem izklopljen. Vse baterije, ki spadajo v področje uporabe tega standarda, morajo izpolnjevati osnovne funkcije, preskušene v okviru uporabe standarda EN 50342-1. Ta standard se uporablja za baterije za naslednje namene:

- svinčeno-kislinske baterije z dimenzijami v skladu s standardom EN 50342-2 za vozila s funkcijo samodejnega izklopa motorja ICE med uporabo nepremikajočega se ali premikajočega se vozila (»Start-Stop«);
- svinčeno-kislinske baterije z dimenzijami v skladu s standardom EN 50342-2 za vozila z aplikacijami Start-Stop in funkcijo obnavljanja zavorne energije ali energije iz drugih virov. Ta standard se ne

uporablja za baterije za druge namene. Opomba: Upošteva se tudi uporaba tega standarda za baterije v skladu s standardom EN 50342-4.

SIST/TC ISS EIT.NZG Naprave za gospodinjstvo

SIST EN 60730-2-9:2019

SIST EN 60730-2-9:2011

2019-04 (po) (en) 66 str. (K)

Avtomatske električne krmilne naprave - 2-9. del: Posebne zahteve za temperaturne regulatorje
Automatic electrical controls for household and similar use - Part 2-9: Particular requirements for temperature sensing controls

Osnova: EN IEC 60730-2-9:2019

ICS: 97.120

Standard applies to automatic electrical temperature sensing controls for use in, on or in association with equipment, including electrical controls for heating, air-conditioning and similar applications. The equipment may use electricity, gas, oil, solid fuel, solar thermal energy, etc., or a combination thereof. This standard is applicable to automatic electrical temperature sensing controls forming part of a building automation control system within the scope of ISO 16484. This standard also applies to automatic electrical temperature sensing controls for equipment that may be used by the public, such as equipment intended to be used in shops, offices, hospitals, farms and commercial and industrial applications. This standard does not apply to automatic electrical temperature sensing controls intended exclusively for industrial process applications, unless explicitly mentioned in the relevant equipment standard.

SIST/TC ITC Informacijska tehnologija

SIST-TP CEN/TR 17311:2019

2019-04 (po) (en;fr;de) 31 str. (G)

Javni prevoz - Medobratovalni sistem upravljanja voznin - Primeri in smernice za uporabo vozovnic, ki temeljijo na tehnologiji BLE (bluetooth low energy)

Public transport - Interoperable fare management system - Bluetooth low energy ticketing use cases and guidelines

Osnova: CEN/TR 17311:2019

ICS: 35.240.60

The intention of this document is to review what was done, to envision the limits of the proposed technique and related schemes which will be described and to define what could be submitted to standards. Concepts which are to be used for BLE in IFM are based on a highly spread technology which is BLE. This is not limited to any trademark or proprietary scheme. Therefore any person having a smartphone can use this technology with prerequisite to have a Bluetooth version greater than 4.0 and a dedicated application on board the smartphone. The background of this document is related to usage in Account Based Ticketing frame (see related document made in TC204 WG8). There is no information related to the IFM itself.

SIST/TC ITEK Tekstil in tekstilni izdelki

SIST EN ISO 18254-2:2019

2019-04 (po) (en;fr;de) 26 str. (F)

Tekstilije - Metoda za odkrivanje in določevanje alkilfenoletoksilatov (APEO) - 2. del: Metoda z uporabo NPLC (ISO 18254-2:2018)

Textiles - Method for the detection and determination of alkylphenol ethoxylates (APEO) - Part 2: Method using NPLC (ISO 18254-2:2018)

Osnova: EN ISO 18254-2:2019

ICS: 59.080.01

This document specifies the normal phase liquid chromatography (NPLC) separation method for the qualitative and quantitative analysis of extractable alkylphenol ethoxylates (APEO) in textiles and textile products.

This method provides several instrument options for the determination of alkylphenol ethoxylates (APEO) such as normal phase liquid chromatograph with mass spectrometer (NPLC/MS), normal phase liquid chromatograph with fluorescence detector (NPLC/FLD), normal phase liquid chromatograph with charged aerosol detector (NPLC/CAD) and normal phase liquid chromatograph with evaporative light scattering detector (NPLC/ELSD).

SIST/TC ITIV Tiskana vezja in ravnanje z okoljem

SIST EN 61189-2-630:2019

2019-04 (po) (en) 10 str. (C)

Preskusne metode za električne materiale, tiskana vezja in druge povezovalne strukture in sestave - 2-630. del: Preskusne metode za osnovne materiale za toga tiskana vezja - Absorpcija vlage po kondicioniranju tlačne posode

Test methods for electrical materials, printed board and other interconnection structures and assemblies - Part 2-630: Test methods for base materials for rigid printed boards - Moisture Absorption after pressure vessel conditioning

Osnova: EN IEC 61189-2-630:2018

ICS: 31.190, 31.180

This document specifies a test method to determine the amount of water absorbed by metalclad laminates after conditioning in a pressure vessel for 1 h, 2 h, 3 h, 4 h or 5 h.

SIST EN 61191-4:2019

SIST EN 61191-4:2001

2019-04 (po) (en) 22 str. (F)

Sestavi plošč tiskanih vezij - 4. del: Področna specifikacija - Zahteve za sestave s spajkalnimi priključki

Printed board assemblies - Part 4: Sectional specification - Requirements for terminal soldered assemblies

Osnova: EN 61191-4:2017

ICS: 31.180

This part of IEC 61191 prescribes requirements for terminal soldered assemblies. The requirements pertain to those assemblies that are entirely terminal/wire interconnecting structures or to the terminal/wire portions of those assemblies that include other related technologies (i.e. surface mounting, through-hole mounting, chip mounting).

SIST EN 62474:2019

SIST EN 62474:2012

2019-04 (po) (en) 39 str. (H)

Deklaracija materialov za izdelke elektronske industrije

Material declaration for products of and for the electrotechnical industry

Osnova: EN IEC 62474:2019

ICS: 29.020, 31.020, 01.110

This document specifies the procedure, content, and form relating to material declarations for products and accessories of organizations operating in and supplying to the electrotechnical industry. Process chemicals, emissions during product use and product packaging material are not in the scope of this document.

The main intended use of this document is to provide data up and down the supply chain that:

- allows organizations to assess products against substance compliance requirements,
- allows organizations to use this information in their environmentally conscious design process and across all product life cycle phases.

This document specifies mandatory declaration requirements and also provides optional declaration requirements.

This document does not suggest any specific method or process to capture material declaration data in the supply chain. However, it provides a data format used to transfer information within the supply chain. Organizations have the flexibility to determine the most appropriate method to capture material declaration data without compromising data utility and quality. This document is intended to allow reporting based on engineering judgement, supplier material declarations, and/or sampling and testing.

SIST EN 63000:2019

SIST EN 50581:2012

2019-04 (po) (en) 14 str. (D)

Tehnična dokumentacija za presojo električnih in elektronskih naprav v zvezi z omejitvami pri nevarnih snoveh

Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

Osnova: EN IEC 63000:2018

ICS: 31.020, 29.020, 01.110

This document specifies the technical documentation that the manufacturer compiles in order to declare compliance with the applicable substance restrictions.

The documentation of the manufacturer's management system is outside the scope of this document.

SIST/TC IUSN Usnje

SIST EN ISO 17226-1:2019

SIST EN ISO 17226-1:2009

2019-04 (po) (en;fr;de) 16 str. (D)

Usnje - Kemijsko določevanje formaldehida - 1. del: Metoda s tekočinsko kromatografijo z visoko ločljivostjo (ISO 17226-1:2018)

Leather - Chemical determination of formaldehyde content - Part 1: Method using high performance liquid chromatography (ISO 17226-1:2018)

Osnova: EN ISO 17226-1:2019

ICS: 71.040.50, 59.140.30

This document specifies a method for the determination of free and released formaldehyde in leathers. This method, based on high performance liquid chromatography (HPLC), is selective and not sensitive to coloured extracts and is intended to be used for precise quantification of formaldehyde.

The formaldehyde content is taken to be the quantity of free-formaldehyde and formaldehyde extracted through hydrolysis contained in a water extract from the leather under standard conditions.

SIST EN ISO 17226-2:2019

SIST EN ISO 17226-2:2009

SIST EN ISO 17226-2:2009/AC:2009

2019-04 (po) (en;fr;de) 15 str. (D)

Usnje - Kemijsko določevanje formaldehida - 2. del: Analiza s kolorimetrijsko metodo (ISO 17226-2:2018)

Leather - Chemical determination of formaldehyde content - Part 2: Method using colorimetric analysis (ISO 17226-2:2018)

Osnova: EN ISO 17226-2:2019

ICS: 59.140.30

This document specifies a method for the determination of free and released formaldehyde in leathers. This method, based on colorimetric analysis, is not intended to be used for a precise quantification of formaldehyde.

The formaldehyde content is taken to be the quantity of free-formaldehyde and formaldehyde extracted through hydrolysis contained in a water extract from the leather under standard conditions. This process is not absolutely selective for formaldehyde. Other compounds such as extracted dyes could interfere at 412 nm.

SIST EN ISO 5398-4:2019

SIST EN ISO 5398-4:2009

2019-04 (po) (en;fr;de) 15 str. (D)

Usnje - Kemijsko določevanje kromovega oksida - 4. del: Kvantitativno določevanje z induktivno sklopljeno plazmo (ICP) (ISO 5398-4:2018)

Leather - Chemical determination of chromic oxide content - Part 4: Quantification by inductively coupled plasma (ICP) (ISO 5398-4:2018)

Osnova: EN ISO 5398-4:2019

ICS: 59.140.30

This document describes a method for the determination of chromium in aqueous solution obtained from leather. This is an analysis for total chromium in leather; it is not compound specific or specific to its oxidation state.

This method describes the determination of chromium by inductively coupled plasma (ICP) and is applicable to leathers which are expected to have chromic oxide contents in excess of 1 mg/kg. Two techniques for the preparation of the solution to be analysed are included. In the event of dispute, the wet oxidation technique is intended to be used.

SIST/TC IŽNP Železniške naprave

SIST EN 13146-1:2019

SIST EN 13146-1:2012+A1:2015

2019-04 (po) (en;fr;de) 12 str. (C)

Železniške naprave - Zgornji ustroj proge - Preskušanje pritrdilnih sistemov - 1. del: Ugotavljanje vzdolžnega odpora

Railway applications - Track - Test methods for fastening systems - Part 1: Determination of longitudinal rail restraint

Osnova: EN 13146-1:2019

ICS: 93.100

This European Standard specifies a laboratory test procedure to determine:

- the maximum longitudinal force that can be applied to a rail, secured to a sleeper, bearer or element of slab track by a rail fastening assembly, without non-elastic displacement of the rail occurring, or
- the longitudinal stiffness at a specified longitudinal displacement of a specimen of embedded rail with an adhesive fastening system, and, (for any type of fastening system)
- to determine values of shear displacement and slip data for track-bridge interaction calculations.

SIST EN 13146-7:2019

SIST EN 13146-7:2012

2019-04 (po) (en;fr;de) 9 str. (C)

Železniške naprave - Zgornji ustroj proge - Preskušanje pritrdilnih sistemov - 7. del: Ugotavljanje pritiskne sile vzmeti in dvizne togosti

Railway applications - Track - Test methods for fastening systems - Part 7: Determination of clamping force and uplift stiffness

Osnova: EN 13146-7:2019

ICS: 93.100

This European Standard specifies a laboratory test procedure for determining the clamping force exerted by the fastening system on the foot of a rail by measuring the force to separate the rail foot from its immediate support. When required the procedure is also used to determine the uplift stiffness of the fastening system. It is applicable to systems with and without baseplates on all types of sleepers, bearers and elements of slab track. The test does not determine the security of fastening components fixed into the sleeper or other fastening system support. This test procedure applies to a complete fastening assembly. It is not applicable to fastening systems for embedded rail.

SIST EN 14033-4:2019**2019-04 (po) (en;fr;de) 24 str. (F)**

Železniške naprave - Zgornji ustroj proge - Težka tirna mehanizacija za gradnjo in vzdrževanje - 4. del:
Tehnične zahteve za pogon, obratovanje in delovanje mestne železnice

Railway applications - Track - Railbound construction and maintenance machines - Part 4: Technical requirements for running, travelling and working on urban rail

Osnova: EN 14033-4:2019

ICS: 93.100, 45.120

This European Standard deals with the technical requirements to minimize the specific railway hazards of railbound construction and maintenance machines - henceforward referred to as machines, intended for use on urban rail. These hazards can arise during the commissioning, the operation and the maintenance of machines when carried out in accordance with the specification given by the manufacturer or his authorized representative.

The requirements in this standard amend those in EN 14033-1 to -3 as required for the use of the machine on urban railways. Where a machine is designed and intended for use on mainline and urban rail, compliance with the most onerous conditions of EN 14033-1 and EN 14033-4 will be required.

This European Standard does not apply to the following:

- the requirements for quality of the work or performance of the machine;
- the specific requirements established by the machine operator for the use of machines, which will be the subject of negotiation between the manufacturer and the Urban Rail Manager;
- moving and working whilst not on rails.

This European Standard does not establish the additional requirements for the following:

- operation subject to special rules, e.g. potentially explosive atmospheres;
- hazards due to natural causes, e.g. earthquake, lightning, flooding;
- working methods;
- operation in severe working conditions requiring special measures, e.g. in tunnels or cuttings, extreme environmental conditions such as: freezing temperatures, high temperatures, corrosive environments, tropical environments, contaminating environments, strong magnetic fields;
- hazards occurring when used to handle suspended loads which may swing freely.

Other track construction and maintenance machines used on railway tracks are dealt with in other European Standards, see Annex B.

SIST-TP CEN/TR 17320:2019**2019-04 (po) (en;fr;de) 14 str. (D)**

Železniške naprave - Infrastruktura - Določitev laboratorijskih preskusnih parametrov za ocenjevanje mehanske vzdržljivosti sistemov za pritrjevanje tirnic - Komplementarni element

Railway applications - Infrastructure - Determination of laboratory test parameters for assessing the mechanical durability of rail fastening systems - Complementary element

Osnova: CEN/TR 17320:2019

ICS: 93.100

This European Technical Report has been prepared to provide a technical basis for determining the laboratory test parameters (load, angle and position of load application) to be used when carrying out repeated load tests according to the method of EN 13146-4, taking into account evidence from both track testing and theoretical analysis and also considering experience in using the past versions of the EN 13481 series of standards. Statistical variations in applied loads and their influence on safety factors are also considered.

This report may be used to determine and justify loading parameters which will be required by future versions of the EN 13481 standards, including cases outside the current Scope of those standards e.g. track with wider support spacing, higher axle loads, sharper curves, etc.

SIST/TC KAT Karakterizacija tal, odpadkov in blata

SIST EN 14701-4:2019

SIST EN 14701-4:2010

2019-04 (po) (en;fr;de) 18 str. (E)

Karakterizacija blata - Lastnosti filtriranja - 4. del: Določevanje prepustnosti kosmičenega blata
Characterization of sludges - Filtration properties - Part 4: Determination of the drainability of flocculated sludges

Osnova: EN 14701-4:2018

ICS: 13.030.20

This European Standard specifies a method for the determination of drainability of flocculated sludges. It is applicable to sludge and sludge suspensions from:

- a) storm water handling;
- b) urban wastewater collecting systems;
- c) urban wastewater treatment plants;
- d) treating industrial wastewater similar to urban wastewater (as defined in Directive 91/271/EEC);
- e) water supply treatment plants.

This method is also applicable to sludge suspensions from other origin.

SIST EN 14702-3:2019

2019-04 (po) (en;fr;de) 21 str. (F)

Karakterizacija blata - Lastnosti usedanja - 3. del: Določevanje hitrosti usedanja

Characterisation of sludges - Settling properties - Part 3: Determination of zone settling velocity (ZSV)

Osnova: EN 14702-3:2019

ICS: 13.030.20

This draft European Standard specifies a method for determining the zone settling velocity (ZSV) and the Compression point. This draft European standard is applicable to sludge and sludge suspensions from: - storm water handling; - urban wastewater collecting systems; - urban wastewater treatment plants; - plants treating industrial wastewater similar to urban wastewater (as defined in Directive 91/271/EEC); - water supply treatment plants.

This method is also applicable to sludge and sludge suspensions of other origins.

SIST EN 17185:2019

2019-04 (po) (en;fr;de) 15 str. (D)

Karakterizacija blata - Vrednotenje gostote blata

Characterization of sludge - Evaluation of sludge density

Osnova: EN 17185:2018

ICS: 13.030.20

This draft European Standard specifies a method for the determination of the sludge (bulk) density. The procedure to determine density of the liquid and of the solid fractions of a suspension is described in Annex C.

This document is applicable to sludge suspensions from:

- storm water handling;
- urban wastewater collecting systems;
- urban wastewater treatment plants;
- treating industrial wastewater similar to urban wastewater (as defined in Directive 91/271 EEC);
- water supply treatment plants.

This method is also applicable to sludge suspensions from other origin, provided the necessary verifications are done.

SIST/TC MOC Mobilne komunikacije

SIST EN 303 098 V2.2.1:2019

2019-04 (po) (en) 50 str. (I)

Pomorski osebni javljalniki lokacije majhne moči z uporabo AIS - Harmonizirani standard za dostop do radijskega spektra

Maritime low power personal locating devices employing AIS - Harmonised Standard for access to radio spectrum

Osnova: ETSI EN 303 098 V2.2.1 (2019-02)

ICS: 47.020.70, 33.060.99

The present document specifies technical characteristics and methods of measurements for low power maritime personal locating devices employing AIS.

The present document does not cover requirements for the integrated GNSS receiver providing locating function. The present document incorporates the relevant provisions of the International Telecommunication Union (ITU) radio regulations [i.4] included in Recommendation ITU-R M.1371-5 [1].

For this application, both the radiated power and the length of time of operation are limited to enable the equipment to be sufficiently small and light to be worn comfortably at all times and to limit the operating range to a local area.

NOTE: The relationship between the present document and essential requirements of article 3.2 of Directive 2014/53/EU [i.1] is given in annex A.

SIST/TC MOV Merilna oprema za elektromagnetne veličine

SIST EN 60065:2015/AC:2019

2019-04 (po) (en,fr) 5 str. (AC)

Audio, video in podobni elektronski aparati - Varnostne zahteve (IEC 60065:2014/COR3:2018)

Audio, video and similar electronic apparatus - Safety requirements (IEC 60065:2014/COR3:2018)

Osnova: EN 60065:2014/AC:2018-12

ICS: 33.160.01

Popravek k standardu SIST EN 60065:2015.

Ta standard se uporablja za elektronske aparate, ki so predvideni za napajanje prek OMREŽJA, prek NAPAVALNE NAPRAVE, prek baterij ali prek DALJINSKEGA NAPAVALJA in namenjeni za sprejemanje, proizvodnjo, snemanje ali reprodukcijo avdio, video in povezanih signalov. Uporablja se tudi za aparate, zasnovane za uporabo izključno v kombinaciji z zgoraj omenjenimi aparati. Ta standard primarno obravnava aparate za gospodinjsko in podobno uporabo, ki se lahko uporabljajo tudi na javnih površinah, kot so šole, gledališča, verski objekti in delovna mesta. Ta standard zajema tudi APARATE ZA PROFESIONALNO UPORABO, namenjene za zgoraj opisane načine uporabe, razen če spadajo izrecno na področje uporabe drugih standardov. Ta standard obravnava samo varnostne vidike zgoraj omenjenih aparatov in ne obravnava drugih vidikov, kot sta oblika in zmogljivost. Ta standard se uporablja za zgoraj omenjene aparate, če so ti namenjeni za povezavo s TELEKOMUNIKACIJSKIM OMREŽJEM ali podobnim omrežjem, na primer prek vgrajenega modema. Nekateri primeri aparatov znotraj področja uporabe tega standarda: - sprejemni aparati in ojačevalniki za zvok in/ali sliko; - samostojni PRETVORNIKI OBREMENITVE in PRETVORNIKI VIROV; - NAPAVALNI APARATI, namenjeni za napajanje drugih aparatov znotraj področja uporabe tega standarda; - ELEKTRONSKA GLASBILA in elektronski pripomočki, kot so generatorji ritma/tonov, uglaševalniki ipd., namenjeni za uporabo z elektronskimi ali neelektronskimi glasbili; - avdio in/ali video aparati za izobraževalne namene; - video projektorji.

SIST EN IEC 61326-3-2:2019

SIST EN 61326-3-2:2008

2019-04 (po) (en;fr;de) 41 str. (I)

Električna oprema za merjenje, nadzor in laboratorijsko uporabo - Zahteve za elektromagnetno združljivost (EMC) - 3-2. del: Zahteve za odpornost varnostnih sistemov in za opremo, namenjeno za izvajanje z varnostjo povezanih funkcij (funkcijska varnost) - Industrijska uporaba v določenih elektromagnetnih okoljih (IEC 61326-3-2:2017)

Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 3-2: Immunity requirements for safety-related systems and for equipment intended to perform safety-related functions (functional safety) - Industrial applications with specified electromagnetic environment (IEC 61326-3-2:2017)

Osnova: EN IEC 61326-3-2:2018

ICS: 33.100.20, 25.040.40

This part of IEC 61326 covers all equipment within the scope of IEC 61326-1, but is limited to systems and equipment for industrial applications within a specified electromagnetic environment and intended to perform safety functions as defined in IEC 61508 with SIL 1-3.

The electromagnetic environments encompassed by this product family standard are industrial, both indoor and outdoor, and based on the requirements of the process industry, specifically chemical/petrochemical/pharmaceutical manufacturing plants using the mitigation measures given in Annex C. The difference between the electromagnetic environment covered by this document compared to the general industrial environment (see IEC 61326-3-1) is due to the mitigation measures employed against electromagnetic phenomena leading to a specified electromagnetic environment with test values that have been proven in practice.

The environment of industrial application with a specified electromagnetic environment typically includes the following characteristics:

- industrial area with limited access;
- limited use of mobile transmitters;
- dedicated cables for power supply and control, signal or communication lines;
- separation between power supply and control, signal or communication cables;
- factory building mostly consisting of metal construction;
- overvoltage/lightning protection by appropriate measures (for example, metal construction of the building or use of protection devices);
- pipe heating systems driven by AC main power;
- no high-voltage substation close to sensitive areas;
- presence of CISPR 11 Group 2 ISM equipment using ISM frequencies only with low power;
- competent staff;
- periodical maintenance of equipment and systems;
- mounting and installation guidelines for equipment and systems.

Equipment and systems considered as "proven-in-use" according to IEC 61508 or "prior use" according to IEC 61511 are excluded from the scope of this document.

Fire alarm systems and security alarm systems intended for protection of buildings are excluded from the scope of this document.

SIST EN IEC 61784-5-12:2019

SIST EN 61784-5-12:2012

SIST EN 61784-5-12:2012/A1:2016

2019-04 (po) (en;fr;de) 25 str. (F)

Industrijska komunikacijska omrežja - Profili - 5-12. del: Inštalacija procesnih vodil - Inštalacijski profili za CPF 12 (IEC 61784-5-12:2018)

Industrial communication networks - Profiles - Part 5-12: Installation of fieldbuses - Installation profiles for CPF 12 (IEC 61784-5-12:2018)

Osnova: EN IEC 61784-5-12:2018

ICS: 35.100.05, 25.040.40

This part of IEC 61784 specifies the installation profiles for CPF 12 (EtherCAT™) 1. The installation profiles are specified in the annex. This annex is read in conjunction with IEC 61918:2018. 18.

SIST EN IEC 61784-5-18:2019

SIST EN 61784-5-18:2014

2019-04 (po) (en;fr;de) 27 str. (G)

Industrijska komunikacijska omrežja - Profili - 5-18. del: Inštalacija procesnih vodil - Inštalacijski profili za CPF 18 (IEC 61784-5-18:2018)

Industrial communication networks - Profiles - Part 5-18: Installation of fieldbuses - Installation profiles for CPF 18 (IEC 61784-5-18:2018)

Osnova: EN IEC 61784-5-18:2018

ICS: 35.100.40, 25.040.40

This part of IEC 61784-5 specifies the installation profiles for CPF 18 (SafetyNET p1).

The installation profiles are specified in Annex A. This annex is read in conjunction with IEC 61918:2018.

SIST EN IEC 61784-5-2:2019

SIST EN 61784-5-2:2014

2019-04 (po) (en;fr;de) 166 str. (P)

Industrijska komunikacijska omrežja - Profili - 5-2. del: Inštalacija procesnih vodil - Inštalacijski profili za CPF 2 (IEC 61784-5-2:2018)

Industrial communication networks - Profiles - Part 5-2: Installation of fieldbuses - Installation profiles for CPF 2 (IEC 61784-5-2:2018)

Osnova: EN IEC 61784-5-2:2018

ICS: 35.100.40, 25.040.40

This part of IEC 61784-5 specifies the installation profiles for CPF 2 (CIP™1).

The installation profiles are specified in the annexes. These annexes are read in conjunction with IEC 61918:2018.

SIST EN IEC 61784-5-20:2019**2019-04 (po) (en;fr;de) 45 str. (I)**

Industrijska komunikacijska omrežja - Profili - 5-20. del: Inštalacija procesnih vodil - Inštalacijski profili za CPF 20 (IEC 61784-5-20:2018)

Industrial communication networks - Profiles - Part 5-20: Installation of fieldbuses - Installation profiles for CPF 20 (IEC 61784-5-20:2018)

Osnova: EN IEC 61784-5-20:2018

ICS: 35.100.40, 25.040.40

This part of IEC 61784 specifies the installation profiles for CPF 20 (ADS-net1)..

The installation profiles are specified in the annexes. These annexes are read in conjunction with IEC 61918:2018.

SIST EN IEC 61784-5-21:2019**2019-04 (po) (en;fr;de) 24 str. (F)**

Industrijska komunikacijska omrežja - Profili - 5-21. del: Inštalacija procesnih vodil - Inštalacijski profili za CPF 21 (IEC 61784-5-21:2018)

Industrial communication networks - Profiles - Part 5-21: Installation of fieldbuses - Installation profiles for CPF 21 (IEC 61784-5-21:2018)

Osnova: EN IEC 61784-5-21:2018

ICS: 35.100.40, 25.040.40

This part of IEC 61784 specifies the installation profile for CPF 21 (FL-net1).

The installation profile is specified in Annex A. The annex is read in conjunction with IEC 61918:2018.

SIST EN IEC 61784-5-6:2019

SIST EN 61784-5-6:2014

2019-04 (po) (en;fr;de) 55 str. (J)

Industrijska komunikacijska omrežja - Profili - 5-6. del: Inštalacija procesnih vodil - Inštalacijski profili za CPF 6 (IEC 61784-5-6:2018)

Industrial communication networks - Profiles - Part 5-6: Installation of fieldbuses - Installation profiles for CPF 6 (IEC 61784-5-6:2018)

Osnova: EN IEC 61784-5-6:2018

ICS: 35.100.40, 25.040.40

This part of IEC 61784-5 specifies the installation profiles for CPF 6 (INTERBUS)1.

The installation profiles are specified in the annexes. These annexes are read in conjunction with IEC 61918:2018.

SIST EN IEC 61784-5-8:2019

SIST EN 61784-5-8:2014

2019-04 (po) (en;fr;de) 73 str. (L)

Industrijska komunikacijska omrežja - Profili - 5-8. del: Inštalacija procesnih vodil - Inštalacijski profili za CPF 8 (IEC 61784-5-8:2018)

Industrial communication networks - Profiles - Part 5-8: Installation of fieldbuses - Installation profiles for CPF 8 (IEC 61784-5-8:2018)

Osnova: EN IEC 61784-5-8:2018

ICS: 35.100.40, 25.040.40

This part of IEC 61784-5 specifies the installation profiles for CPF 8 (CC-Link1).

The installation profiles are specified in the annexes. These annexes are read in conjunction with IEC 61918:2018.

SIST/TC NAD Naftni proizvodi, maziva in sorodni proizvodi**SIST EN 14214:2012+A2:2019**

SIST EN 14214:2012+A1:2014

SIST EN 14214:2012+A1:2014/AC:2014

SIST EN 14214:2012+A1:2014/kFprA2:2018

2019-04 (po) (en;fr;de) 22 str. (F)

Tekoči naftni proizvodi - Metilni estri maščobnih kislin (FAME) za dizelske motorje in ogrevanje - Zahteve in preskusne metode

Liquid petroleum products - Fatty acid methyl esters (FAME) for use in diesel engines and heating applications - Requirements and test methods

Osnova: EN 14214:2012+A2:2019

ICS: 75.160.20

This EN specifies requirements and test methods for marketed and delivered fatty acid methyl esters (hereafter known as FAME) to be used either as fuel for diesel engines and for heating applications at 100 % concentration, or as an extender for distillate fuel for diesel engines in accordance with the requirements of EN 590 and for heating fuel. At 100 % concentration it is applicable to fuel for use in diesel engines and in heating applications designed or subsequently adapted to run on 100 % FAME.

NOTE For the purposes of this European Standard, the terms "% (m/m)" and "% (V/V)" are used to represent respectively the mass fraction, μ , and the volume fraction.

SIST EN 17181:2019**2019-04 (po) (en;fr;de) 27 str. (G)**

Maziva - Določevanje aerobne biološke razgradnje polno formuliranih maziv v vodni raztopini - Preskusna metoda, ki temelji na proizvodnji CO₂

Lubricants - Determination of aerobic biological degradation of fully formulated lubricants in an aqueous solution - Test method based on CO₂-production

Osnova: EN 17181:2019

ICS: 75.100

This standard specifies a procedure for determining the degree of aerobic degradation of fully formulated lubricants. The organic material in a fully formulated lubricant is exposed in a synthetic aqueous medium under laboratory conditions to an inoculum from activated sludge. Biodegradation resulting in mineralisation of the organic material can be determined by measuring released CO₂ in a total organic carbon (TOC-) analyser. The above mentioned method applies to fully formulated lubricants which a) are water-soluble, non-water soluble or emulsifiable b) are not toxic and not inhibitory to the test microorganisms at the test concentration. The presence of inhibitory effects can be determined.

SIST EN 589:2019/A101:2019

SIST EN 589:2008+A1:2012/A101:2018

2019-04 (izv) (sl)

3 str. (SA)

Goriva za motorna vozila - Utekočinjeni naftni plin (UNP) - Zahteve in preskusne metode

Automotive fuels - LPG - Requirements and test methods

Osnova:

ICS: 75.160.20

Dopolnilo A101:2019 je dodatek k standardu SIST EN 589:2019.

Ta evropski standard določa zahteve in preskusne metode za lastnosti utekočinjenega naftnega plina (LPG) za motorna vozila pri prodaji in dobavi. Velja za utekočinjeni naftni plin, namenjen za pogon vozil z motorjem na utekočinjeni naftni plin.

Ta revizija zadeva znižanje mejnih vrednosti žvepla, vključitev standarda EN 16423 in posodobitev v skladu z revidiranimi različicami EN 15470 in EN 15471. Utekočinjeni naftni plin je izjemno hlapna ogljikovodikova tekočina, ki se običajno shranjuje pod tlakom. Če se tlak sprosti, nastanejo velike količine plina, ki z zrakom tvorijo vnetljive mešanice v obsegu približno od 2 do 10 % (V/V). Ta evropski standard vključuje vzorčenje in preskušanje utekočinjenega naftnega plina ter ravnanje z njim. Vse postopke je treba izvajati na območju, kjer ni virov vžiga, kot so odprt plamen, nezaščitena električna oprema in nevarnost elektrostatike. Preskušanje je treba izvajati pod električno varno prezračevalno napo, če je to mogoče.

Utekočinjeni naftni plin lahko povzroči ozeblino. Če obstaja možnost stika s kožo, je treba uporabljati zaščitna oblačila, kot so rokavice in zaščitna očala.

Preprečiti je treba morebitno nepotrebno vdihavanje hlapov utekočinjenega naftnega plina. Izvajalec v 8-urnem časovno tehtanem povprečnem (TWA) referenčnem obdobju naj ne bi bil izpostavljen ozračju, v katerem je več kot 1800 mg/m³ utekočinjenega naftnega plina, v kratkem 10-minutnem referenčnem obdobju pa ozračju, v katerem je utekočinjenega naftnega plina več kot 2250 mg/m³. Eden od preskusov, ki so opisani v tem evropskem standardu, vključuje izvajalca, ki vdihava mešanico zraka in hlapov utekočinjenega naftnega plina. Posebna pozornost je namenjena opozorilu iz točke A.1, ki se sklicuje na to metodo.

SIST/TC NTF Oskrba z električno energijo

SIST EN 50549-1:2019

SIST EN 50438:2014

SIST EN 50438:2014/IS1:2015

SIST-TS CLC/TS 50549-1:2015

2019-04 (po) (en;fr)

71 str. (L)

Zahteve za vzporedno vezavo generatorskih postrojev z razdelilnim omrežjem - 1. del: Vezava z nizkonapetostnim razdelilnim omrežjem - Generatorski postroji do vključno tipa A

Requirements for generating plants to be connected in parallel with distribution networks - Part 1-1: Connection to a LV distribution network - Generating plants up to and including Type A

Osnova: EN 50549-1:2019

ICS: 29.240.01, 29.160.20

These standards provide technical requirements for the connection of generating plants up to and including Type A (-1-1)/ Type B (-1-2) which can be operated in parallel with a public LV distribution network. They are intended to be used as a technical reference for connection agreements between

DNOs and electricity producers and to demonstrate compliance with COMMISSION REGULATION (EU) 2016/631 (Requirements for Generators).

SIST EN 50549-2:2019

SIST-TS CLC/TS 50549-2:2015

2019-04 (po) (en;fr) 81 str. (M)

Zahteve za vzporedno vezavo generatorskih postrojev z razdelilnim omrežjem - 2. del: Vezava s srednjenapetostnim razdelilnim omrežjem do vključno tipa B

Requirements for generating plants to be connected in parallel with distribution networks - Part 2: Connection to a MV distribution network - Generating plants up to and including Type B

Osnova: EN 50549-2:2019

ICS: 29.240.01, 29.160.20

This standard provides technical requirements for the connection of generating plants up to and including Type B which can be operated in parallel with a public MV distribution network. They are intended to be used as a technical reference for connection agreements between DSOs and electricity producers and to demonstrate compliance with COMMISSION REGULATION (EU) 2016/631 (Requirements for Generators).

SIST/TC NVV Nadzemni vodi in vodniki

SIST EN 50341-2-12:2019

2019-04 (po) (en;fr;de) 25 str. (F)

Nadzemni električni vodi za izmenične napetosti nad 1 kV - 2-12. del: Nacionalna normativna določila (NNA) za Islandijo (na podlagi EN 50341-1:2012)

Overhead electrical lines exceeding AC 1 kV - Part 2-12: National Normative Aspects (NNA) for ICELAND (based on EN 50341-1:2012)

Osnova: EN 50341-2-12:2018

ICS: 29.240.20

1.1 General

1.1 IS.1 Application to new lines

(snc) This Part 2-12 is only applicable to new overhead transmission lines exceeding 1 kV (AC). If deviations and/or extensions to existing transmission lines are planned, the Icelandic NC shall be informed and will decide case by case whether ÍST EN 50341 is applicable or not.

SIST EN 50341-2-20:2019

SIST EN 50341-2-20:2016

2019-04 (po) (en;fr;de) 49 str. (I)

Nadzemni električni vodi za izmenične napetosti nad 1 kV - 2-20. del: Nacionalna normativna določila (NNA) za Estonijo (na podlagi EN 50341-1:2012)

Overhead electrical lines exceeding AC 1 kV - Part 2-20: National Normative Aspects (NNA) for ESTONIA (based on EN 50341-1:2012)

Osnova: EN 50341-2-20:2018

ICS: 29.240.20

General

(snc) EE.1 Application to new lines

In Estonia the standard EN 50341-1 (Part 1) can only be applied using this NNA (EN 50341-2-20) containing National Normative Aspects for Estonia.

This Part 2-20 applies to all new overhead electric lines with nominal system voltages exceeding AC 1 kV and also for low voltage (below 1 kV AC) overhead lines performed by aerial cables. The requirements of the structural design are applicable also for DC overhead lines, where the electrical requirements are given in the Project Specification.

(ncpt) EE.2 “New overhead line”

A “new overhead line” means a completely new line between two points, A and B. A new branch line of the existing power line should be considered as a new power line including the junction support. Specific requirements for junction support should be defined with the Project Specification.

1.2 Field of application

(ncpt) EE.1 Application to covered conductors and aerial cables

The standard includes requirements for the design and construction of overhead lines with nominal system voltages up to 45 kV AC equipped with covered conductors and aerial cables. Additionally, the requirements of the equipment standards and manufacturers’ instructions shall be followed.

(A-dev) EE.2 Application to mounting of telecommunication equipment

The Standard EVS-EN 50341:2013 is applicable to fixing of structural elements for tele-communication (antennas, All Dielectric Self Supporting (ADSS) equipment, junction boxes, etc.), if mounted on power line supports (towers), especially regarding wind forces and ice loads on such fixed elements. The design and installation should be done under the due control of the line owner and/or the competent authority. Mounting of telecommunication equipment on power line supports must be coordinated with the line owner and stated in the Project Specification.

This standard applies to telecommunication lines only in the case of their common installation with power lines. This standard does not apply to separately installed telecommunication overhead lines.

If telecommunication equipment (antennas, dishes, etc.) will be installed in the transmission line supports, and their size, location or mounting may have major effects on the loads or design of the structures, the requirements of EVS-EN 1993-3-1/NA:2009 shall also to be taken into account. If such structures include conductive parts, the requirements on clearances in subclause 5.8 should be applied.

(ncpt) EE.3 Application to installation of other equipment

Only equipment belonging to the line (electric or telecommunication line) can be installed on the overhead lines. However, with the permission of the owner of the line, equipment serving communal services or environmental protection like road signs, warning signs or warning balls, etc., may also be installed. The installation height of equipment meant to be installed and maintained by an instructed person shall be such that the work can be done without climbing the support and the distances of safe electrical work can be followed. The additional loads due to this equipment on the line supports shall be taken into account if necessary.

SIST EN 50341-2-8:2019

2019-04 (po) (en;fr;de) 65 str. (K)

Nadzemni električni vodi za izmenične napetosti nad 1 kV - 2-8. del: Nacionalna normativna določila (NNA) za Francijo (na podlagi EN 50341-1:2012)

Overhead electrical lines exceeding AC 1 kV - Part 2-8: National Normative Aspects (NNA) for France (based on EN 50341-1:2012)

Osnova: EN 50341-2-8:2017

ICS: 29.240.20

Part 1 and the present Part 2-8 apply to new overhead lines as defined in 1.1/FR.2 "Definition of a new overhead line". A new overhead line denotes any new overhead electrical line exceeding AC 1 kV built on new foundations and: - flanked by two substations or two terminal towers preceding said substations. or - flanked by a substation or a terminal tower at one end and in a branch situation (including branch tower) or tapping situation at the other end. This standard does not apply to existing overhead lines exceeding AC 1 kV in France. Any decision to apply the requirements of the present standard to new overhead line projects for which technical studies are underway shall be stipulated in the Project Specification. The requirements of the present standard do not apply to overhead lines under construction. Part 1 and Part 2-8 apply to radio telecommunication equipment mounted on the towers of new overhead lines, particularly with respect to wind and ice assumptions. Radio equipment shall be arranged on the support so that it can be accessed and operations performed in accordance with safety regulations.

SIST EN 50341-2-9:2019

SIST EN 50341-2-9:2016

2019-04 (po) (en;fr;de) 35 str. (H)

Nadzemni električni vodi za izmenične napetosti nad 1 kV - 2-9. del: Nacionalna normativna določila (NNA) za Veliko Britanijo in Severno Irsko (na podlagi EN 50341-1:2012)

Overhead electrical lines exceeding AC 1 kV - Part 2-9: National Normative Aspects (NNA) for Great Britain and Northern Ireland (based on EN 50341-1:2012)

Osnova: EN 50341-2-9:2017

ICS: 29.240.20

This NNA is only applicable to all new overhead lines above A.C. 1kV.

This Euronorm is only applicable to new overhead lines and shall not be applied to maintenance, reconductoring, tee-offs, extensions or diversions to existing overhead lines unless specifically required by the Project Specification.

For details of the application of this standard for overhead lines constructed with covered conductor refer to the Project Specification.

For details of the application of this standard to telecommunication systems involving optical fibres either incorporated in or wrapped around earthwires or conductors or suspended from overhead line supports, reference should be made to the Project Specification.

SIST EN 50341-2-9:2019/A1:2019**2019-04 (po) (en;fr;de) 5 str. (B)**

Nadzemni električni vodi za izmenične napetosti nad 1 kV - 2-9. del: Nacionalna normativna določila (NNA) za Veliko Britanijo in Severno Irsko (na podlagi EN 50341-1:2012)

Overhead electrical lines exceeding AC 1 kV - Part 2-9: National Normative Aspects (NNA) for Great Britain and Northern Ireland (based on EN 50341-1:2012)

Osnova: EN 50341-2-9:2017/A1:2018

ICS: 29.240.20

Dopolnilo A1:2019 je dodatek k standardu SIST EN 50341-2-9:2019.

This NNA is only applicable to all new overhead lines above A.C. 1kV.

This Euronorm is only applicable to new overhead lines and shall not be applied to maintenance, reconductoring, tee-offs, extensions or diversions to existing overhead lines unless specifically required by the Project Specification.

For details of the application of this standard for overhead lines constructed with covered conductor refer to the Project Specification.

For details of the application of this standard to telecommunication systems involving optical fibres either incorporated in or wrapped around earthwires or conductors or suspended from overhead line supports, reference should be made to the Project Specification.

SIST/TC OGS Ogrevanje stavb**SIST EN 1434-5:2016+A1:2019**

SIST EN 1434-5:2016/oprA1:2017

SIST EN 1434-5:2016

2019-04 (po) (en;fr;de) 11 str. (C)

Merilniki toplote - 5. del: Preskusi prve overitve (vključno z dopolnilom A1)

Thermal energy meters - Part 5: Initial verification tests

Osnova: EN 1434-5:2015+A1:2019

ICS: 17.200.10

This European Standard specifies initial verification tests for thermal energy meters. Thermal energy meters are instruments intended for measuring the energy which in a heat-exchange circuit is absorbed (cooling) or given up (heating) by a liquid called the heat-conveying liquid. The thermal energy meter indicates the quantity of heat in legal units.

Electrical safety requirements are not covered by this European Standard.

Pressure safety requirements are not covered by this European Standard.

Surface mounted temperature sensors are not covered by this European Standard.

This standard covers meters for closed systems only, where the differential pressure over the thermal load is limited.

SIST EN 1434-6:2016+A1:2019

SIST EN 1434-6:2016/oprA1:2017

SIST EN 1434-6:2016

2019-04 (po) (en;fr;de) 23 str. (F)

Merilniki toplote - 6. del: Vgradnja, zagon, nadzor in vzdrževanje (vključno z dopolnilom A1)

Thermal energy meters - Part 6: Installation, commissioning, operational monitoring and maintenance

Osnova: EN 1434-6:2015+A1:2019

ICS: 17.200.10

This European Standard specifies commissioning, operational monitoring and maintenance and applies to thermal energy meters. Thermal energy meters are instruments intended for measuring the energy which in a heat-exchange circuit is absorbed (cooling) or given up (heating) by a liquid called the heat-conveying liquid. The thermal energy meter indicates the quantity of heat in legal units.

Electrical safety requirements are not covered by this European Standard.

Pressure safety requirements are not covered by this European Standard.

Surface mounted temperature sensors are not covered by this European Standard.

This standard covers meters for closed systems only, where the differential pressure over the thermal load is limited.

SIST EN 14825:2019

SIST EN 14825:2016

2019-04 (po) (en;fr;de) 133 str. (O)

Klimatske naprave, enote za hlajenje kapljevine ter toplotne črpalke za ogrevanje in hlajenje prostora z električnimi kompresorji - Preskušanje in ocenitev ob delni obremenitvi ter izračun letnega učinka

Air conditioners, liquid chilling packages and heat pumps, with electrically driven compressors, for space heating and cooling - Testing and rating at part load conditions and calculation of seasonal performance

Osnova: EN 14825:2018

ICS: 23.120, 91.140.30, 27.080

This European Standard covers air conditioners, heat pumps and liquid chilling packages, including comfort and process chillers. It applies to factory made units defined in EN 14511-1, except single duct, double duct, control cabinet and close control units. It also covers direct expansion-to-water(brine) heat pumps (DX-to-water) as defined in EN 15879-1.

This European Standard also covers hybrid heat pumps as defined in this standard.

This European Standard gives the temperatures and part load conditions and the calculation methods for the determination of seasonal energy efficiency SEER and SEERon, seasonal space cooling energy efficiency $\eta_{s,c}$ seasonal coefficient of performance SCOP, SCOPon and SCOPnet, and seasonal space heating energy efficiency $\eta_{s,h}$ and seasonal energy performance ratio SEPR.

Such calculation methods may be based on calculated or measured values.

In case of measured values, this European Standard covers the test methods for determination of capacities, EER and COP values during active mode at part load conditions. It also covers test methods for electric power consumption during thermostat-off mode, standby mode, off-mode and crankcase heater mode.

NOTE 1 The word "unit" is used instead of the full terms of the products.

NOTE 2 The word "cooling" is used to refer to both space cooling and process cooling.

NOTE 3 The word "heating" is used to refer to space heating.

SIST/TC OTR Izdelki za otroke

SIST EN 17072:2019

2019-04 (po) (en;fr;de) **46 str. (I)**

Izdelki za otroke - Kopalne kadi, podstavki in nesamostoječi kopalni pripomočki - Varnostne zahteve in preskusne metode

Child care articles - Bath tubs, stands and non-standalone bathing aids - Safety requirements and test methods

Osnova: EN 17072:2018

ICS: 97.190

This European Standard specifies safety requirements and test methods for children's bath tubs and stands and for non stand-alone bathing aids that are intended to be used in conjunction with a children's bath tub.

This European Standard does not cover children's bath tubs and stands designed for children with special needs.

NOTE: If the product has several functions or can be converted into another function, the relevant European Standards apply to it.

SIST EN 1888-1:2019

SIST EN 1888:2012

2019-04 (po) (en;fr;de) **111 str. (N)**

Izdelki za otroke - Otroški vozički - 1. del: Otroški vozički s sedežem in otroški vozički s košaro

Child care articles - Wheeled child conveyances - Part 1: Pushchairs and prams

Osnova: EN 1888-1:2018

ICS: 97.190

This draft European Standard specifies the safety requirements and test methods for wheeled child conveyances, designed for the carriage of one or more children, up to 15 kg each and additional 20 kg on any integrated platform on which a child can stand.

This draft European Standard does not cover toys, shopping trolleys; baby carriers fitted with wheels; wheeled child conveyances propelled by a motor and wheeled child conveyances designed for children with special needs.

Where additional products are designed to be attached to a wheeled child conveyance, a hazard and risk analysis should be undertaken to identify any potential hazards.

Where a wheeled child conveyance or any part of the wheeled child conveyance has several functions or can be converted into another function it shall comply with the relevant standard(s).

SIST EN 1888-2:2019

SIST EN 1888:2012

2019-04 (po) (en;fr;de) **11 str. (C)**

Izdelki za otroke - Otroški vozički - 2. del: Otroški vozički s sedežem za otroke, težke nad 15 kg do 22 kg

Child care articles - Wheeled child conveyances - Part 2: Pushchairs for children above 15 kg up to 22 kg

Osnova: EN 1888-2:2018

ICS: 97.190

This European Standard specifies the additional safety requirements and test methods for pushchairs, designed for the carriage of one or more children, to cover the use from 15 kg up to 22 kg each.

This standard applies in conjunction and in addition to the European standard EN 1888-1 "Child use and care articles - Wheeled child conveyances - Pushchairs and pram body"

SIST/TC PCV Polimerne cevi, fitingi in ventili

SIST EN ISO 11296-7:2019

SIST EN ISO 11296-7:2015

2019-04 (po) (en) 25 str. (F)

Cevni sistemi iz polimernih materialov za obnovo podzemnih omrežij za odvodnjavanje in kanalizacijo za obratovanje brez tlaka (vodi s prosto gladino) - 7. del: Oblaganje s spiralnimi cevmi (ISO 11296-7:2019)

Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks - Part 7: Lining with spirally-wound pipes (ISO 11296-7:2019)

Osnova: EN ISO 11296-7:2019

ICS: 23.040.05, 91.140.80, 93.030

This document, in conjunction with ISO 11296-1, specifies requirements and test methods for pipes which are formed on site by spirally winding and jointing a pre-manufactured profiled plastics strip, or a profiled plastics strip and integral locking joiner strip, and used for the renovation of underground non-pressure drainage and sewerage networks.

It applies to spirally-wound pipes of fixed or variable diameter made of profiled plastics strips, with or without steel stiffening elements, and installed by one of two methods.

The first method employs a dedicated winding machine in front of the open end of an existing pipeline, e.g. in a manhole. The pipes thus formed are simultaneously inserted into the existing pipeline by the winding forces, and by certain techniques can also be expanded in diameter after or during insertion. The second method employs a dedicated winding machine which forms the pipe as it traverses the existing pipeline from one manhole to the next.

It applies to profiled plastics strips of unplasticized poly(vinyl chloride) (PVC U) with integral locking mechanism, or of high density polyethylene (HDPE) with integrally welded joints.

SIST/TC PLN Plinske naprave za dom

SIST EN 13203-2:2019

SIST EN 13203-2:2015

2019-04 (po) (en;fr;de) 41 str. (I)

Plinske gospodinske naprave za pripravo tople sanitarne vode - 2. del: Ocenjevanje zmogljivosti rabe energije

Gas-fired domestic appliances producing hot water - Part 2: Assessment of energy consumption

Osnova: EN 13203-2:2018

ICS: 91.140.65

This European Standard is applicable to gas-fired appliances producing domestic hot water. It applies to both instantaneous and storage tank appliances; water-heaters and combination boilers that have:

- a heat input not exceeding 70 kW; and
- a hot water storage tank capacity (if any) not exceeding 500 l.

In the case of combination boilers, with or without storage tank, domestic hot water production is integrated or coupled, the whole being marketed as a single unit.

EN 13203-1 sets out in qualitative and quantitative terms the performance in delivery of domestic hot water for a selected variety of uses. It also gives a system for presenting the information to the user. The present document sets out a method for assessing the energy performance of the appliances. It defines a number of daily tapping cycles for each domestic hot water use, kitchen, shower, bath and a combination of these, together with corresponding test procedures, enabling the energy performances of different gas-fired appliances to be compared and matched to the needs of the user. Where other technologies are combined with a gas-fired boiler or a water heater to produce domestic hot water, specific parts of EN 13203 apply.

SIST EN 13203-5:2019**2019-04 (po) (en;fr;de) 51 str. (J)**

Plinske gospodinjske naprave za pripravo tople sanitarne vode - 5. del: Ocenjevanje zmogljivosti rabe energije plinskih aparatov, kombiniranih z električno toplotno črpalko

Gas-fired domestic appliances producing hot water - Part 5: Assessment of energy consumption of gas fired appliances combined with electrical heat pump

Osnova: EN 13203-5:2018

ICS: 27.080, 91.140.65

This European Standard is applicable to gas-fired appliances producing domestic hot water. It applies to both instantaneous and storage gas-fired appliances combined with electrical heat pump.

It applies to a package marketed as single unit or fully specified by a manufacturer that have:

- a gas heat input not exceeding 70 kW;
- a hot water storage capacity not exceeding 500 litres.

Standard EN 13203-1 sets out in qualitative and quantitative terms the performance in delivery of domestic hot water for a selected variety of uses. It also gives a system for presenting the information to the user. This Part 5 sets out a method for assessing the energy performance of gas fired appliances combined with heat pump with electrically driven compressor according to EN 16147.

This European standard does not apply for gas boilers with recovery systems using combustion products as heat source for the electrical heat pump.

When the electrical heat pump does not work for domestic hot water production in the summer period, the present standard is not applicable for energy performances assessing, EN 13203-2 must be used.

SIST EN 13203-6:2019**2019-04 (po) (en;fr;de) 47 str. (I)**

Plinske gospodinjske naprave za pripravo tople sanitarne vode - 6. del: Ocenjevanje zmogljivosti rabe energije adsorpcijskih in absorpcijskih toplotnih črpalk

Gas-fired domestic appliances producing hot water - Part 6: Assessment of energy consumption of adsorption and absorption heat pumps

Osnova: EN 13203-6:2018

ICS: 27.080, 91.140.65

This European Standard is applicable to gas-fired appliances producing domestic hot water. It applies to sorption heat pumps connected to or including a domestic hot water storage tank. It applies to a package marketed as single unit or fully specified that have:

- a single gas burner for the heat pump and/or an additional gas burner for a peak load appliance;
- a gas heat input not exceeding 70 kW;
- a hot water storage tank capacity not exceeding 500 l.

EN 13203-1 sets out in qualitative and quantitative terms the performance in delivery of domestic hot water for a selected variety of uses. It also gives a system for presenting the information to the user.

The present document sets out a method for assessing the energy performance of the appliances. It defines a number of daily tapping cycles for each domestic hot water use, kitchen, shower, bath and a combination of these, together with corresponding test procedures, enabling the energy performances of different gas-fired appliances to be compared and matched to the needs of the user.

When the sorption heat pump cycle does not operate for domestic hot water production in the summer mode, the present standard is not applicable for energy performance assessment, EN 13203-2 must be used instead.

SIST EN 16436-1:2014+A2:2019

SIST EN 16436-1:2014+A1:2016/kprA2:2018

SIST EN 16436-1:2014+A1:2016

2019-04 (po) (en;fr;de) 19 str. (E)

Gumeni in plastični priključki, cevovodi in cevi za propan, butan in njune zmesi v plinastem stanju - 1. del: Cevi in cevovodi (vključno z dopolnili do A2)

Rubber and plastics hoses, tubing and assemblies for use with propane and butane and their mixtures in the vapour phase - Part 1: Hoses and tubings

Osnova: EN 16436-1:2014+A2:2018

ICS: 83.140.40

This European Standard specifies the characteristics and performance requirements for tubing and hoses made of either rubber or plastics for use with commercial propane and commercial butane and mixtures thereof, in the vapour phase, for connection of appliances, from:

- pressurized gas container to a regulating device,
- pressurized gas container to an appliance,
- regulating device to an appliance, and
- regulating device to installation pipework,

in environments of a temperature range from -30 °C to +70 °C. Working pressures are from 0 bar to 30 bar.

Three classes are defined in Table 1 according to the maximum working pressures and minimum ambient temperatures.

This European Standard only covers the tubing or hose part of assemblies. The assemblies themselves will be covered by EN 16436-2.

This European Standard does not apply to hoses for:

- welding purposes (see EN ISO 3821, EN 1327);
- propulsion purposes;
- LPG transfer purposes (see EN 1762).

SIST EN 16436-2:2019**2019-04 (po) (en;fr;de) 17 str. (E)**

Gumeni in plastični priključki, cevovodi in cevi za propan, butan in njune zmesi v plinastem stanju - 2. del: Priključki

Rubber and plastics hoses, tubing and assemblies for use with propane and butane and their mixture in the vapour phase - Part 2: Assemblies

Osnova: EN 16436-2:2018

ICS: 83.140.30

This draft European Standard describes and specifies the characteristics and performance requirements for assemblies made of tubing and hoses complying with EN 16436-1 to be used in the same conditions.

All connections are given in Annex B.

This draft European Standard only defines specific connections which are not defined in other standards (e.g. EN 16129).

SIST EN 437:2019

SIST EN 437:2005+A1:2009

2019-04 (po) (en;fr;de) 60 str. (J)

Preskusni plini - Preskusni tlaki - Kategorije naprav

Test gases - Test pressures - Appliance categories

Osnova: EN 437:2018

ICS: 91.140.40, 27.060.20

This standard specifies the test gases, test pressures and categories of appliances relative to the use of "gaseous fuels" of the first, second and third families. It serves as a reference document in the specific standards for appliances that fall within the scope of the Council Directive on the approximation of the laws of Member States concerning gas appliances (90/396/EC).

The standard makes recommendations for the use of the gases and pressures to be applied for the tests. The full procedure will be given in the corresponding appliance standards.

NOTE The test gases and the test pressures specified in this standard are in principle intended to be used with all the appliances in order to establish conformity with the corresponding standards.

However, the use of appliances with nominal heat input greater than 300 kW is not in the following cases:

- appliances constructed in sites significantly influenced by Wt
- appliances in which the final design is influenced by the user;
- appliances constructed for use with high supply pressures (notably direct use of the saturated vapour pressure).

In these cases, the specific appliance standards may specify other test conditions in order to establish compliance with their requirements.

SIST/TC POH Pohištvo

SIST EN 1022:2019

SIST EN 1022:2006

2019-04 (po) (en;fr;de) 39 str. (H)

Pohištvo - Sedežno pohištvo - Ugotavljanje stabilnosti

Furniture - Seating - Determination of stability

Osnova: EN 1022:2018

ICS: 97.140

This European Standard specifies test methods and requirements for the determination of the stability of all types of domestic seating for adults.

SIST EN 1335-2:2019

SIST EN 1335-2:2010

SIST EN 1335-3:2010

SIST EN 1335-3:2010/AC:2010

2019-04 (po) (en;fr;de) 9 str. (C)

Pisarniško pohištvo - Pisarniški delovni stoli - 2. del: Varnostne zahteve

Office furniture - Office work chair - Part 2: Safety requirements

Osnova: EN 1335-2:2018

ICS: 97.140

This European Standard specifies safety, strength and durability requirements for office work chairs.

It does not apply to other seating in the office area for which other EN standards exist (EN 16139).

The requirements are based upon use for 8 h a day by persons weighing up to 110 kg. For more severe conditions of use, increased requirements will be necessary.

Annex A (informative) contains additional functional tests.

SIST EN 16402:2019

SIST EN 16402:2014

2019-04 (po) (en;fr;de) 64 str. (K)

Barve in laki - Ocenjevanje emisij snovi iz premazov v notranji zrak - Vzorčenje, priprava vzorcev in preskušanje

Paints and varnishes - Assessment of emissions of substances from coatings into indoor air - Sampling, conditioning and testing

Osnova: EN 16402:2019

ICS: 13.040.20, 87.040

This European Standard specifies a reference method for the determination of emissions from coatings into indoor air. This method is applicable to volatile organic compounds, semi-volatile organic compounds and volatile aldehydes.

NOTE This European Standard is aimed at describing the overall procedure and makes use of existing standards mainly by normative reference complemented when necessary with additional or modified normative requirements.

This European Standard applies to coatings for indoor use as listed in Clause 5. It is not applicable to coatings that are applied off site or coatings that are applied on site, prior to the structure being permanently weatherproof. It is not applicable for tinting pastes that are not ready for use as coating.

It is mainly aimed at determining emission data in indoor air for the purpose of voluntary labelling of products but may also be used for CE marking and associated Attestation of Conformity in the case of products that are covered by the construction products directive.

SIST EN 716-1:2017+AC:2019

2019-04 (po) (en;fr;de) 14 str. (D)

Pohištvo - Otroške postelje in zlozljive posteljice za domačo uporabo - 1. del: Varnostne zahteve (vključno s popravkom AC)

Furniture - Children's cots and folding cots for domestic use - Part 1: Safety requirements

Osnova: EN 716-1:2017+AC:2019

ICS: 97.190, 97.140

This European Standard specifies safety requirements for children's cots for domestic use with an internal length greater than 900 mm but not more than 1 400 mm. The requirements apply to a cot that is fully assembled and ready for use. For cots that can be converted into other items e.g. changing units, playpens additional requirements can apply. This European Standard does not apply to carry cots, cribs and cradles for which a separate European standard exists.

SIST-TP CEN/TR 17292:2019

2019-04 (po) (en) 8 str. (B)

Tehnično poročilo o natančnosti rezultatov, dobljenih v skladu s standardi EN 12720, EN 12721, EN 12722, EN 15185 in EN 15186

Technical report regarding precision data for standards EN 12720, EN 12721, EN 12722, EN 15185 and EN 15186

Osnova: CEN/TR 17292:2018

ICS: 97.140

This document specifies repeatability standard deviation and reproducibility standard deviation for results obtained from tests methods carried out according to following standards:

- EN 12720:2009+A1:2013, Furniture - Assessment of surface resistance to cold liquids,
- EN 12721:2009+A1:2013, Furniture - Assessment of surface resistance to wet heat,
- EN 12722:2009+A1:2013, Furniture - Assessment of surface resistance to dry heat,
- EN 15185:2011, Furniture - Assessment of the surface resistance to abrasion,
- EN 15186:2012, Furniture - Assessment of the surface resistance to scratching,

in order to provide the accuracy of results. The above standards deal with all rigid furniture surfaces regardless of materials and they not apply to leather and textile surfaces.

SIST/TC POZ Požarna varnost

SIST EN 13501-6:2019

SIST EN 13501-6:2014

2019-04 (po) (en;fr;de) 50 str. (G)

Požarna klasifikacija gradbenih proizvodov in elementov stavb - 6. del: Klasifikacija po podatkih iz preskusov odziva na ogenj na električnih, krmilnih in komunikacijskih kablilih

Fire classification of construction products and building elements - Part 6: Classification using data from reaction to fire tests on power, control and communication cables

Osnova: EN 13501-6:2018

ICS: 29.060.20, 13.220.50

This European Standard provides the reaction to fire classification procedure for electric cables.

NOTE For the purpose of this European Standard the term "electric cables" covers all power, control and communication cables, including optical fibre cables.

SIST-TS CEN ISO/TS 21805:2019

2019-04 (po) (en;fr;de) 59 str. (H)

Navodilo za projektiranje, izbiro in vgradnjo prezračevalnih naprav za zagotavljanje strukturne integritete namestitvenih prostorov, zaščitene s sistemi za gašenje s plinom (ISO/TS 21805:2018)

Guidance on design, selection and installation of vents to safeguard the structural integrity of enclosures protected by gaseous fire-extinguishing systems (ISO/TS 21805:2018)

Osnova: CEN ISO/TS 21805:2019

ICS: 91.140.30, 13.220.10

This document provides guidance on fulfilling the requirements contained in BS EN15004-1 and BS 5306-4, in respect to over and under pressurisation venting - clauses 7.4.1 and 10.3.3. respectively and post discharge extract - clauses 5.3 h) and 15.9 respectively.

It considers the design, selection and installation of vents to safeguard the structural integrity of enclosures protected by fixed gaseous fire fighting systems and the post discharge venting provisions where used.

SIST/TC PVS Fotonapetostni sistemi

SIST EN 62852:2015/AC:2019

2019-04 (po) (en;fr;de) 1 str. (AC)

Konektorji za enosmerne aplikacije v fotonapetostnih sistemih - Varnostne zahteve in preskusi - Popravek AC

Connectors for DC-application in photovoltaic systems - Safety requirements and tests

Osnova: EN 62852:2015/AC:2019-02

ICS: 31.220.10, 27.160

Popravek k standardu SIST EN 62852:2015.

Ta mednarodni standard se uporablja za konektorje za uporabo v enosmernih tokokrogih fotonapetostnih sistemov v skladu z razredom II standarda IEC 61140:2001 z nazivnimi napetostmi do 1500 V in nazivnimi tokovi do 125 A na stik. Ta standard se uporablja za konektorje brez zmogljivosti prekinitve, vendar jih je mogoče priključiti in odstraniti pod napetostjo.

Ta standard se uporablja tudi za konektorje, ki so namenjeni vgradnji ali vdelavi v ohišje naprav za fotonapetostne sisteme. Ta standard je mogoče uporabiti kot vodilo za konektorje v fotonapetostnih sistemih razredov 0 in III v skladu s standardom IEC 61140:2001 in za zaščito za opremo razreda II, namenjeno uporabi pri enosmerni nazivni napetosti manj kot 50 V.

SIST/TC SPN Storitve in protokoli v omrežjih

SIST EN 319 521 V1.1.1:2019

2019-04 (po) (en) 19 str. (E)

Elektronski podpisi in infrastruktura (ESI) - Zahteve politike in varnosti za ponudnike storitev elektronske priporočene dostave

Electronic Signatures and Infrastructures (ESI) - Policy and security requirements for Electronic Registered Delivery Service Providers

Osnova: ETSI EN 319 521 V1.1.1 (2019-02)

ICS: 35.040.01

The present document specifies generally applicable policy and security requirements for Electronic Registered Delivery Services Providers (ERDSP), including the services they provide.

The present document is applicable to:

- the policy and security requirements of the ERDSP and EU qualified ERDSP;
- the general and security requirements of Electronic Registered Delivery Services (ERDS) and EU qualified ERDS in terms of message integrity; protection against loss, theft, damage or any unauthorized alteration of the data transmitted; sender and recipient strong identification; time reference; and proof of data's sending and receiving.

The present document does not specify interconnection requirements.

SIST EN 319 522-4-1 V1.2.1:2019

2019-04 (po) (en) 11 str. (C)

Elektronski podpisi in infrastruktura (ESI) - Storitve elektronske priporočene dostave - 4. del: Zaveze - 1. poddel: Zaveze za dostavo sporočil

Electronic Signatures and Infrastructures (ESI) - Electronic Registered Delivery Services - Part 4: Bindings; Sub-part 1: Message delivery bindings

Osnova: ETSI EN 319 522-4-1 V1.2.1 (2019-01)

ICS: 35.040.01

The present document defines the binding of the ERD messages, whose semantics is defined in ETSI EN 319 522-2 [1] and whose format is defined in ETSI EN 319 522-3 [2], to the specific transmission protocol AS4 [4].

SIST EN 319 531 V1.1.1:2019

2019-04 (po) (en) 14 str. (D)

Elektronski podpisi in infrastruktura (ESI) - Zahteve politike in varnosti za registrirane ponudnike elektronskih poštних storitev

Electronic Signatures and Infrastructures (ESI) - Policy and security requirements for Registered Electronic Mail Service Providers

Osnova: ETSI EN 319 531 V1.1.1 (2019-01)

ICS: 35.040.01

The present document specifies generally applicable policy and security requirements for Registered Electronic Mail Service Provider (REMS), including the services they provide.

The present document is applicable to:

- The policy and security requirements of REMS and EU qualified REMS providers.
- The general and security requirements of REMS and EU qualified REMS.

The present document does not specify interconnection requirements.

The present document aims to cover the common and worldwide-recognized requirements to address electronic registered delivery in a secure and reliable way. Particular attention is paid to the Regulation (EU) No 910/2014 [i.1].

However, the legal effects of services implemented according to the present document are outside the scope of the present document.

SIST ES 202 336-12 V1.2.1:2019

2019-04 (po) (en) 42 str. (I)

Okoljski inženiring (EE) - Nadzorovalni in krmilni vmesnik za infrastrukturno opremo

(elektroenergetski, hladilni in stavbni okoljski sistemi v telekomunikacijskih omrežjih) - 12. del:

Oprema za napajanje IKT, energija in okoljski parametri za nadzorovanje informacijskega modela

Environmental Engineering (EE) - Monitoring and control interface for infrastructure equipment (power, cooling and building environment systems used in telecommunication networks) - Part 12: ICT equipment power, energy and environmental parameters monitoring information model

Osnova: ETSI ES 202 336-12 V1.2.1 (2019-02)

ICS: 33.050.01, 19.040

The present document defines measurement and monitoring of power, energy and environmental parameters for ICT equipment in telecommunications or datacenter or customer premises.

It defines the power, energy and environmental parameters monitoring interface of ICT equipment based on generic ETSI ES 202 336-1 [1] interface so that correlations can be made with ICT equipment parameters (traffic, flowrate, number of connected lines, radio setting, QoS KPI, etc.) in the network management system.

Correlations of monitored data (power, energy consumption and environmental values) with the ICT equipment parameters and settings are not in the scope of the present document.

The monitoring interface covers:

- Internal power consumption measurement on the ICT equipment powered in DC and AC.
- Power consumption measurement external to the ICT equipment (if not implemented internally, e.g. legacy equipment).

- Energy metering based on power consumption measurement.

- Environmental parameters of the ICT equipment (e.g. temperature at air inlet of equipment). The present document defines:

- The minimum set of exchanged information required at the interface, including parameters such as measurement type (e.g. RMS), accuracy, range, etc. and settings such as data acquisition and transmission period, etc. This includes the data preparation, recording and transmission functions.

- The testing method of some parameters and functions.

- Text tables in annexes A and B with data exchange described in "natural language".

- The XML files with tags and variables corresponding to the data in the tables of annexes A and B in complement to general rules defined in ETSI ES 202 336-1 [1] and ETSI ES 202 336-2 [3].

SIST ES 203 790 V1.1.1:2019

2019-04 (po) (en) 49 str. (I)

Metode za preskušanje in specificiranje (MTS) - 3. različica zapisa preskušanja in krmilnih preskusov - Razširitev nabora jezikov TTCN-3: Objektno orientirane funkcije

Methods for Testing and Specification (MTS) - The Testing and Test Control Notation version 3 - TTCN-3 Language Extensions: Object-Oriented Features

Osnova: ETSI ES 203 790 V1.1.1 (2019-01)

ICS: 35.060

The present document defines the support for object-oriented features in TTCN-3. TTCN-3 can be used for the specification of all types of reactive system tests over a variety of communication ports. Typical areas of application are protocol testing (including mobile and Internet protocols), service testing (including supplementary services), module testing, testing of OMG CORBA based platforms, APIs, etc. TTCN-3 is not restricted to conformance testing and can be used for many other kinds of testing including interoperability, robustness, regression, system and integration testing.

The specification of test suites for physical layer protocols is outside the scope of the present document.

TTCN-3 packages are intended to define additional TTCN-3 concepts, which are not mandatory as concepts in the TTCN-3 core language, but which are optional as part of a package which is suited for dedicated applications and/or usages of TTCN-3.

While the design of TTCN-3 package has taken into account the consistency of a combined usage of the core language with a number of packages, the concrete usages of and guidelines for this package in combination with other packages is outside the scope of the present document.

SIST- V ETSI/EG 202 396-3 V1.7.1:2019

2019-04 (po) (en) 82 str. (M)

Kakovost prenosa govora in večpredstavnih vsebin (STQ) - Kakovost govora v prisotnosti šuma ozadja - 3. del: Prenos šuma ozadja - Objektivne preskusne metode

Speech and multimedia Transmission Quality (STQ) - Speech Quality performance in the presence of background noise - Part 3: Background noise transmission - Objective test methods

Osnova: ETSI EG 202 396-3 V1.7.1 (2018-05)

ICS: 33.040.35

The present document aims to identify and define testing methodologies which can be used to objectively evaluate the performance of narrowband and wideband terminals and systems for speech communication in the presence of background noise. Background noise is a problem in mostly all situations and conditions and need to be taken into account in both, terminals and networks. The present document provides information about the testing methods applicable to objectively evaluate the speech quality in the presence of background noise. The present document includes:

- The description of the experts post evaluation process chosen to select the subjective test data being within the scope of the objective methods.
- The results of the performance evaluation of the currently existing methods described in Recommendations ITU-T P.862 [i.16] and P.862.1 [i.17] and in TOSQA2001 [i.19] which is chosen for the evaluation of terminals in the framework of ETSI VoIP speech quality test events [i.8], [i.9], [i.10] and [i.11].
- The method which is applicable to objectively determine the different parameters influencing the speech quality in the presence of background noise taking into account:
 - the speech quality; - the background noise transmission quality; - the overall quality.
- The present document is to be used in conjunction with:
 - ETSI ES 202 396-1 [i.1] which describes a recording and reproduction setup for realistic simulation of background noise scenarios in lab-type environments for the performance evaluation of terminals and communication systems.
 - ETSI EG 202 396-2 [i.2] which describes the simulation of network impairments and how to simulate realistic transmission network scenarios and which contains the methodology and results of the subjective scoring for the data forming the basis of the present document.
 - French speech sentences as defined in Recommendation ITU-T P.501 [i.13] for wideband and English speech sentences as defined in Recommendation ITU-T P.501 [i.13] for narrowband.

SIST/TC SPO Šport

SIST EN 1176-4:2018+AC:2019

2019-04 (po) (en;fr;de) 15 str. (D)

Oprema in podloge otroških igrišč - 4. del: Dodatne posebne varnostne zahteve in preskusne metode za vrvne proge

Playground equipment and surfacing - Part 4: Additional specific safety requirements and test methods for cableways

Osnova: EN 1176-4:2017+AC:2019

ICS: 97.200.40

This European Standard is applicable to cableways whereby children travel along a cable by the use of gravity. This standard specifies additional safety requirements for cableways intended for permanent installation for use by children.

SIST EN 1176-6:2018+AC:2019

2019-04 (po) (en;fr;de) 21 str. (F)

Oprema in podloge otroških igrišč - 6. del: Dodatne posebne varnostne zahteve in preskusne metode za oporne gugalnice

Playground equipment and surfacing - Part 6: Additional specific safety requirements and test methods for rocking equipment

Osnova: EN 1176-6:2017+AC:2019

ICS: 97.200.40

This document is applicable to rocking equipment which is used as playground equipment for children, as defined in 3.1. Where the main play function is not rocking, the relevant requirements in this document may be used, as appropriate.

This document specifies additional safety requirements and test methods for seesaws and rocking equipment intended for permanent installation for use by children.

It is intended to provide protection to the user against possible hazards during use.

NOTE Guidance for assessing the safety of other forms of seesaw/rocking equipment is given in informative Annex A.

SIST EN 1177:2018+AC:2019

2019-04 (po) (en;fr;de) 53 str. (H)

Podloge otroških igrišč, ki ublažijo udarce - Ugotavljanje kritične višine padca

Impact attenuating playground surfacing - Methods of test for determination of impact attenuation

Osnova: EN 1177:2018+AC:2019

ICS: 97.200.40

This European Standard specifies the test apparatus and the impact test methods for determining the impact attenuation of surfacing by measuring the acceleration experienced during impact. Test apparatus in compliance with this standard are applicable to tests carried out in a laboratory or on site by either methods described.

NOTE The test methods described in this standard are also applicable for impact areas required in other standards than for playground equipment, e.g. for outdoor fitness equipment and parkour equipment.

SIST EN 14836:2019

SIST EN 14836:2006

SIST EN 14836:2006/AC:2007

2019-04 (po) (en;fr;de) 11 str. (C)

Podloge za športne dejavnosti - Podloge iz umetnih snovi za zunanje športne dejavnosti - Preskusna metoda za umetno vremensko staranje

Surfaces for sports areas - Synthetic surfaces for outdoor sports areas - Test method for artificial weathering

Osnova: EN 14836:2018

ICS: 97.150, 97.220.10

This draft European Standard specifies a method for the exposure of synthetic surfaces for outdoor sports areas to artificial weathering in order that the resulting changes in properties can be determined as detailed in the relevant product specification.

SIST/TC UZO Upravljanje z okoljem

SIST EN ISO 14064-1:2019

SIST EN ISO 14064-1:2012

2019-04 (po) (en) 58 str. (J)

Toplogredni plini - 1. del: Specifikacija z navodilom za količinsko določanje in poročanje o emisijah in odstranjevanju toplogrednih plinov na ravni organizacije (ISO 14064-1:2018)

Greenhouse gases - Part 1: Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals (ISO 14064-1:2018)

Osnova: EN ISO 14064-1:2019

ICS: 13.020.40

This document specifies principles and requirements at the organization level for the quantification and reporting of greenhouse gas (GHG) emissions and removals. It includes requirements for the design, development, management, reporting and verification of an organization's GHG inventory.

The ISO 14064 series is GHG programme neutral. If a GHG programme is applicable, requirements of that GHG programme are additional to the requirements of the ISO 14064 series.

SIST/TC VAZ Varovanje zdravja

SIST EN ISO 10079-1:2016/A1:2019

2019-04 (po) (en) **7 str. (B)**

Medicinska sukcijška (aspiracijska) oprema - 1. del: Električna sukcijška (aspiracijska) oprema -
Dopolnilo A1: Spremembe zahtev za delovanje pri ekstremnih temperaturah (ISO 10079-1:2015/Amd
1:2018)

*Medical suction equipment - Part 1: Electrically powered suction equipment - Amendment 1: Changes to
requirements for operating at extremes of temperature (ISO 10079-1:2015/Amd 1:2018)*

Osnova: EN ISO 10079-1:2015/A1:2019

ICS: 11.040.10

Dopolnilo A1:2019 je dodatek k standardu SIST EN ISO 10079-1:2016.

Ta del standarda ISO 10079 določa varnostne in tehnične zahteve za električno medicinsko in kirurško
sukcijsko (aspiracijsko) opremo. Velja za opremo, ki se uporablja v zdravstvenih ustanovah, kot so
bolnišnice, za oskrbo pacientov na domu ter za uporabo na terenu in med transportom.

Ta del standarda ISO 10079 se ne uporablja za naslednje:

- a) centralno oskrbo z električno energijo (ustvarjeno z vakuumom ali stisnjenim zrakom), cevne
sisteme vozil in
- stavb ter stenske priključke;
- b) zaključke, kot so aspiracijski katetri, aspiracijske cevke Yankauer in konice za sukcijsko;
- c) injekcijske brizge;
- d) opremo za zobno sukcijsko;
- e) sisteme za odstranjevanje anestezijskih plinov in hlapov;
- f) laboratorijsko sukcijsko;
- g) sisteme za avtotransfuzijo;
- h) ekstrakcijske aparate za sluz, vključno z ekstrakcijskimi aparati za sluz za novorojenčke;
- i) sukcijško opremo, pri kateri je zbiralni zabojnik priključen za vakuumsko črpalko;
- j) opremo za vakuumsko ekstrakcijo (porodna oprema);
- k) sukcijško opremo, ki je namenjena izključno endoskopiji;
- n) sisteme za odvod dima.

SIST EN ISO 10524-1:2019

SIST EN ISO 10524-1:2006

2019-04 (po) (en) **42 str. (I)**

Tlačni regulatorji za medicinske pline - 1. del: Tlačni regulatorji in tlačni regulatorji s pretočnimi
merilniki (ISO 10524-1:2018)

*Pressure regulators for use with medical gases - Part 1: Pressure regulators and pressure regulators with
flow-metering devices (ISO 10524-1:2018)*

Osnova: EN ISO 10524-1:2019

ICS: 23.060.40, 11.040.10

This document specifies the design, construction, type testing, and marking requirements for pressure
regulators (as defined in 3.18) intended for the administration of medical gases and their mixtures in
the treatment, management, diagnostic evaluation and care of patients or for gases used for driving
surgical tools.

Examples of gases include oxygen, medical air and oxygen/nitrous oxide mixtures.

This document applies to pressure regulators:

- a) intended to be connected to cylinders by the operator;
- b) with integral flow-metering devices intended to be connected to cylinders by the operator;
- c) that are an integral part of medical equipment (e.g. anaesthetic workstations, lung ventilators,
resuscitators).

A pressure regulator can be provided with pressure outlet or flow outlet, and can be adjustable or pre-
set.

Pressure regulators are intended to be fitted to refillable cylinders with a working pressure up to 30 000
kPa (300 bar) and can be provided with devices which control and measure the flow of the medical gas
delivered.

SIST EN ISO 10524-2:2019

SIST EN ISO 10524-2:2006

2019-04 (po) (en) 40 str. (H)

Tlačni regulatorji za medicinske pline - 2. del: Tlačni regulatorji v razdelilnikih in ceveh (ISO 10524-2:2018)

Pressure regulators for use with medical gases - Part 2: Manifold and line pressure regulators (ISO 10524-2:2018)

Osnova: EN ISO 10524-2:2019

ICS: 23.060.40, 11.040.10

This document specifies design, construction, type testing, and marking requirements for manifold pressure regulators (as defined in 3.7) and line pressure regulators (as defined in 3.5) intended for use in medical gas pipeline systems.

Examples of gases include oxygen, medical air and oxygen/nitrous oxide mixtures.

This document applies to manifold pressure regulators and line pressure regulators supplied as individual units or to the relevant components incorporated within an assembly.

Manifold pressure regulators are intended to be connected to a manifold system which has a nominal inlet pressure, P1 of up to 30 000 kPa (300 bar).

Line pressure regulators are intended to be connected downstream of the manifold pressure regulator with a supply pressure up to 3 000 kPa (30 bar).

This document does not apply to pressure regulators for use with vacuum pipeline systems.

NOTE Requirements for pressure regulators for use with vacuum pipeline systems are covered in ISO 10079-3.

SIST EN ISO 10524-3:2019

SIST EN ISO 10524-3:2006

SIST EN ISO 10524-3:2006/A1:2013

2019-04 (po) (en) 52 str. (J)

Tlačni regulatorji za medicinske pline - 3. del: Tlačni regulatorji v sklopu cilindričnih ventilov jeklenk (ISO 10524-3:2019)

Pressure regulators for use with medical gases - Part 3: Pressure regulators integrated with cylinder valves (VIPRs) (ISO 10524-3:2019)

Osnova: EN ISO 10524-3:2019

ICS: 23.060.40, 11.040.10

This document specifies design, type testing, and marking requirements for cylinder valves with integrated pressure regulators [as defined in 3.26 and referred to hereafter as valves with integrated pressure regulators (VIPRs)] intended for the administration of medical gases in the treatment, management, diagnostic evaluation and care of patients or for gases used for driving surgical tools.

Examples of gases include oxygen, medical air and oxygen/nitrous oxide mixtures.

This document applies to VIPRs mounted on refillable cylinders with a working pressure up to 30 000 kPa (300 bar) intended to be filled in cylinder filling facilities or on self-filling systems as used in homecare applications.

VIPRs covered by this document are pressure pre-set and provided with a pressure outlet and/or pre-set flow outlet(s).

SIST EN ISO 15195:2019

SIST EN ISO 15195:2003

2019-04 (po) (en) 16 str. (D)

Laboratorijska medicina - Zahteve za usposobljenost kalibracijskih laboratorijev z uporabo referenčnih merilnih postopkov (ISO 15195:2018)

Laboratory medicine - Requirements for the competence of calibration laboratories using reference measurement procedures (ISO 15195:2018)

Osnova: EN ISO 15195:2019

ICS: 11.100.01

This document specifies the requirements for competence to carry out reference measurement procedures in laboratory medicine, using the requirements of ISO/IEC 17025:2017 as a normative reference and listing additional requirements for calibration laboratories to perform their tasks adequately. The relationship between clauses in this document and ISO/IEC 17025:2017 are summarized in Annex A.

Examinations of properties with results reported on a nominal or ordinal scale are not included.

This document is not applicable to medical laboratories.

NOTE Requirements for medical laboratories are specified in ISO 15189[1].

SIST EN ISO 23907-1:2019

SIST EN ISO 23907:2012

2019-04 (po) (en) 19 str. (E)

Zaščita pred poškodbami z ostrimi predmeti - Zahteve in preskusne metode - 1. del: Vsebniki za ostre predmete za enkratno uporabo (ISO 23907-1:2019)

Sharps injury protection - Requirements and test methods - Part 1: Single-use sharps containers (ISO 23907-1:2019)

Osnova: EN ISO 23907-1:2019

ICS: 13.100, 11.040.99

This document specifies requirements for single-use sharps containers intended to hold potentially hazardous sharps medical waste with or without sharps protection features, e.g. scalpel blades, trocars, hypodermic needles and syringes.

It is applicable to single-use sharps containers that are supplied complete by the manufacturer and to those that are supplied as components intended to be assembled by the user.

It is not applicable to reusable sharps containers or to the outer containers used in the transportation of filled single-use sharps containers.

SIST EN ISO 7396-1:2016/A1:2019

2019-04 (po) (en) 8 str. (B)

Sistemi napeljav za medicinske pline - 1. del: Sistemi napeljav za stisnjene medicinske pline in podtlak - Dopolnilo A1 (ISO 7396-1:2016/Amd 1:2017)

Medical gas pipeline systems - Part 1: Pipeline systems for compressed medical gases and vacuum - Amendment 1 (ISO 7396-1:2016/Amd 1:2017)

Osnova: EN ISO 7396-1:2016/A1:2019

ICS: 11.040.10

Dopolnilo A1:2019 je dodatek k standardu SIST EN ISO 7396-1:2016.

Ta del standarda ISO 7396 določa zahteve za zasnovo, namestitve, delovanje, zmogljivost, preskušanje, zagon in dokumentacijo sistemov napeljav, ki se uporabljajo v zdravstvenih ustanovah za naslednje:

- kisik;
- dušikov oksid;
- medicinski zrak;
- ogljikov dioksid;
- mešanica kisika/dušikovega oksida (glej opombo 1);
- mešanica helija/kisika;
- (*) kisik 93;
- plini in plinske zmesi, klasificirane kot medicinski pripomoček, plini, ki se dovajajo v medicinske pripomočke ali se uporabljajo za zdravstvene namene, ter plini in plinske zmesi za medicinsko uporabo, ki ni navedena zgoraj;
- zrak za pogon kirurških instrumentov;
- dušik za pogon kirurških instrumentov;
- podtlak.

OPOMBA 1: Regionalni ali nacionalni predpisi morda prepovedujejo distribucijo mešanic kisika/dušikovega oksida v sistemih napeljav za medicinske pline.

OPOMBA 2: Sisteme za odstranjevanje anestezijskih plinov in hlapov obravnava standard ISO 7396 2.

Ta del standarda ISO 7396 vključuje zahteve za sisteme oskrbe, distribucijske sisteme napeljav, krmilne sisteme, nadzorne in alarmne sisteme ter nezmožnost zamenljivosti med komponentami različnih sistemov za pline/podtlak.

Ta del standarda ISO 7396 določa varnostne zahteve za sisteme napeljav, ki se uporabljajo v zdravstvenih ustanovah, tako javnih kot zasebnih. Uporablja se za vse ustanove, ki nudijo zdravstvene storitve, ne glede na vrsto, velikost, lokacijo ali obseg storitev, ki med drugim vključujejo tudi:

- zdravstvene ustanove za akutno oskrbo;
- zdravstvene ustanove za stalno oskrbo notranjih pacientov;
- ustanove za dolgotrajno oskrbo;
- ponudnike oskrbe v skupnosti;
- ambulantne in zunajbolnišnične klinike (npr. dnevna kirurgija, endoskopske klinike in zdravniške ordinacije).

OPOMBA 3: Ta del standarda ISO 7396 se lahko uporablja tudi kot referenca za sisteme napeljav za medicinske pline in podtlak, ki so namenjeni za namestitve v ustanovah, ki niso zdravstvene.

Ta del standarda ISO 7396 se uporablja za naslednje različne vrste sistemov za oskrbo s kisikom:

- sistemi napeljav, pri katerih vsi viri dovajajo kisik; v tem primeru je koncentracija kisika večja od 99 %;
- sistemi napeljav, pri katerih vsi viri dovajajo kisik 93; v tem primeru je koncentracija kisika med 90 in 96 %;

OPOMBA 4: Mešanico kisika 93 in kisika lahko dovaja sistem za oskrbo z medicinskimi plini. V tem primeru je koncentracija plina med 90 in >99 %.

Ta del standarda ISO 7396 se uporablja tudi za:

- razširitve obstoječih distribucijskih sistemov napeljav;
- spremembe obstoječih distribucijskih sistemov napeljav;
- spremembe in zamenjave sistemov ali virov oskrbe.

Naprave za koncentriranje kisika za uporabo na domu niso zajete v tem delu standarda ISO 7396.

OPOMBA 5: Zahteve za naprave za koncentriranje kisika za uporabo na domu so določene v standardu ISO 80601 2-69.

(*) Standard EN 14931 opredeljuje dodatne zahteve za hiperbarično uporabo, zlasti za pretoke in tlake stisnjenega zraka, potrebnega za ustvarjanje nadtlaka v hiperbarični komori in za izvajanje ostalih povezanih storitev. Vključene so tudi zahteve za kisik in druge pline za zdravljenje, ki jih prejema pacient.

Ta del standarda ISO 7396 se ne uporablja za podtlačne sisteme, ki so namenjeni uporabi v zobozdravstvu.

Ta del standarda ISO 7396 se ne uporablja za polnilne sisteme za premične jeklenke in sisteme sklopov premičnih jeklenk.

SIST EN ISO 80601-2-61:2019

SIST EN ISO 80601-2-61:2011

2019-04 (po) (en) 100 str. (M)

Medicinska električna oprema - 2-61. del: Posebne zahteve za osnovno varnost in bistvene lastnosti pulznega oksimetra (ISO 80601-2-61:2017, popravljena verzija 2018-02)

Medical electrical equipment - Part 2-61: Particular requirements for basic safety and essential performance of pulse oximeter equipment (ISO 80601-2-61:2017, Corrected version 2018-02)

Osnova: EN ISO 80601-2-61:2019

ICS: 11.040.10

SIST EN-ISO 80601-2-61 applies to the BASIC SAFETY and ESSENTIAL PERFORMANCE of PULSE OXIMETER EQUIPMENT intended for use on humans, hereafter referred to as ME EQUIPMENT. This includes any part necessary for NORMAL USE, including the PULSE OXIMETER MONITOR, PULSE OXIMETER PROBE, and PROBE CABLE EXTENDER. These requirements also apply to PULSE OXIMETER EQUIPMENT, including PULSE OXIMETER MONITORS, PULSE OXIMETER PROBES and PROBE CABLE EXTENDERS, which have been REPROCESSED. The intended use of PULSE OXIMETER EQUIPMENT includes, but is not limited to, the estimation of arterial oxygen haemoglobin saturation and pulse rate of PATIENTS in professional healthcare institutions as well as PATIENTS in the HOME HEALTHCARE ENVIRONMENT and the EMERGENCY MEDICAL SERVICES ENVIRONMENT. This document is not applicable to PULSE OXIMETER EQUIPMENT intended for use in laboratory research

applications nor to oximeters that require a blood sample from the PATIENT. If a clause or subclause is specifically intended to be applicable to ME EQUIPMENT only, or to ME SYSTEMS only, the title and content of that clause or subclause will say so. If that is not the case, the clause or subclause applies both to ME EQUIPMENT and to ME SYSTEMS, as relevant. HAZARDS inherent in the intended physiological function of ME EQUIPMENT or ME SYSTEMS within the scope of this document are not covered by specific requirements in this document except in 201.11 and in 7.2.13 and 8.4.1 of the general standard. This document can also be applied to ME EQUIPMENT and their ACCESSORIES used for compensation or alleviation of disease, injury or disability. This document is not applicable to PULSE OXIMETER EQUIPMENT intended solely for foetal use. This document is not applicable to remote or slave (secondary) equipment that displays SpO2 values that are located outside of the PATIENT ENVIRONMENT. This document is applicable to PULSE OXIMETER EQUIPMENT intended for use under extreme or uncontrolled environmental conditions outside the hospital environment or physician's office, such as in ambulances and air transport. Additional standards can apply PULSE OXIMETER EQUIPMENT for those environments of use. This document is a particular standard in the IEC 60601-1 and ISO/IEC 80601 series of standards.

SIST/TC VLA Vlada

SIST EN 12510-2:2019

SIST EN 12510-2:2001

2019-04 (po) (en;fr;de) 9 str. (C)

Hidroizolacijski trakovi - Določevanje odpornosti proti nadaljnjemu trganju - 2. del: Polimerni in elastomerni trakovi za tesnjenje streh

Flexible sheets for waterproofing - Determination of resistance to tearing - Part 2: Plastic and rubber sheets for roof waterproofing

Osnova: EN 12510-2:2018

ICS: 91.060.20, 91.100.50

This European Standard specifies a method for the determination of tear properties of plastic and rubber sheets for roof waterproofing using a trapezoidal test specimen with a nick or cut.

SIST EN 13074-1:2019

SIST EN 13074-1:2011

2019-04 (po) (en;fr;de) 11 str. (C)

Bitumen in bitumenska veziva - Ponovna pridobitev veziva iz bitumenskih emulzij ali rezanih ali fluksiranih bitumenskih veziv - 1. del: Ponovna pridobitev z izhlapevanjem

Bitumen and bituminous binders - Recovery of binder from bituminous emulsion or cut-back or fluxed bituminous binders - Part 1: Recovery by evaporation

Osnova: EN 13074-1:2019

ICS: 75.140, 91.100.50

This European Standard specifies a method for the recovery of binder from a bituminous emulsion or from a cut-back or fluxed bitumen after conditioning at ambient temperature for 24 h followed by 24 h at 50 °C, in such a way that will enable further testing with minimum changes of the binder characteristics.

It applies to all types of bituminous emulsions, modified with polymers or non-modified, as well as to all types of cut-back and fluxed bitumen, both modified with polymers and non-modified.

For cut-back and fluxed bituminous binders, this test method is only an intermediate step and should be followed by the stabilisation procedure specified by EN 13074-2. Direct testing of the recovered binder is however used to evaluate the setting ability of fluxed bituminous binders made with vegetal fluxes.

NOTE The recovered binder is not necessarily identical to the initial binder.

WARNING - The use of this document may involve hazardous materials, operations and equipment. This document does not purport to address all of the safety problems associated with its use. The hazards associated with the use of this method have been assessed using cut-back bitumen containing 10 % kerosene and 90 % 160/220 penetration grade bitumen and were found low enough to be acceptable. However it is the responsibility of the user of this document to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.

SIST EN 13074-2:2019

SIST EN 13074-2:2011

2019-04 (po) (en;fr;de) 8 str. (B)

Bitumen in bitumenska veziva - Ponovna pridobitev veziva iz bitumenskih emulzij ali rezanih ali fluksiranih bitumenskih veziv - 2. del: Stabilizacija po ponovni pridobitvi z izhlapevanjem

Bitumen and bituminous binders - Recovery of binder from bituminous emulsion or cut-back or fluxed bituminous binders - Part 2: Stabilization after recovery by evaporation

Osnova: EN 13074-2:2019

ICS: 75.140, 91.100.50

This European Standard specifies a method for the stabilisation at 85 °C for 24 h of a binder after recovery from a bituminous emulsion or from a cut-back or fluxed bitumen for further testing.

It applies to all types of bituminous emulsions, modified with polymers or non-modified, and as well as to all types of cut-back and fluxed bitumen, both modified with polymers and non-modified.

The recovery test method is specified in EN 13074-1.

WARNING - The use of this document may involve hazardous materials, operations and equipment. This document does not purport to address all of the safety problems associated with its use. The hazards associated with the use of this method have been assessed using cut-back bitumen containing 10 % kerosene and 90 % 160/220 penetration grade bitumen and were found low enough to be acceptable. However it is the responsibility of the user of this document to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.

SIST EN 16002:2019

SIST EN 16002:2010

2019-04 (po) (en;fr;de) 17 str. (E)

Hidroizolacijski trakovi - Določanje odpornosti mehansko pritrjenih hidroizolacijskih trakov za tesnjenje streh proti obremenitvi z vetrom

Flexible sheets for waterproofing - Determination of the resistance to wind load of mechanically fastened flexible sheets for roof waterproofing

Osnova: EN 16002:2018

ICS: 91.060.20, 91.100.50

This European Standard specifies a test method to determine the resistance to wind load of mechanically fastened flexible sheets for roof waterproofing.

The assessment is limited to the performance of the mechanically fastened flexible sheets only. The test method does not include the determination of the performance of the mechanical fastener and/or the combination of the mechanical fastener and the substrate.

SIST/TC VPK Vlaknine, papir, karton in izdelki**SIST EN 17163:2019****2019-04 (po) (en;fr;de) 16 str. (D)**

Vlaknine, papir, karton in lepenka - Določevanje primarnih aromatičnih aminov (PAA) v vodnem ekstraktu z metodo LC-MS

Pulp, paper and board - Determination of primary aromatic amines (PAA) in a water extract by a LC-MS method

Osnova: EN 17163:2019

ICS: 85.040, 85.060

This European standard describes two representative methods for the determination of the extractable amount of specific primary aromatic amines (PAA) in a water extract of paper, board and pulp samples by means of HPLC with MS/MS detection which basically differ concerning the choice of the mobile and stationary phases. Deviating from this standard further methods may be applicable if it can be shown that comparable results can be achieved. A validation must be carried out by each laboratory.

It is applicable for the determination of the 22 primary aromatic amines (PAA) mentioned in the annex of directive 2002/61/EC of 19th July 2002 amending Council Directive 76/769/EEC relating to restrictions on the market and use of certain dangerous substances and preparations (azocolourants)

which are classified as carcinogenic categories 1A and 1B according to the CLP regulation and aniline. The method described by this standard also shall be applicable for the determination of further primary aromatic amines (PAA). A validation for every further analyte has to be done by the laboratory using this method.

The extractable amount of a primary aromatic amine (PAA) is expressed in mg PAA per litre water extract. This method is suitable for the determination of PAA with a working range of about 0,001 – 0,020 mg/l water extract.

NOTE: Deviating from this standard further methods may be applicable, if it can be shown that comparable results can be achieved. A validation must be carried out by each laboratory.

SIST EN ISO 7263-2:2019

SIST EN ISO 7263:2011

2019-04 (po) (en) 20 str. (E)

Valoviti papir - Določanje ploskovne odpornosti po laboratorijskem ovalovljenju - 2. del: B-ovalovljenje (ISO 7263-2:2018)

Corrugating medium - Determination of the flat crush resistance after laboratory fluting - Part 2: B-flute (ISO 7263-2:2018)

Osnova: EN ISO 7263-2:2019

ICS: 85.060

This document describes a method for the determination of the flat crush resistance of a corrugating medium after laboratory fluting using a B-flute geometry.

The procedure is applicable to any corrugating medium intended to be used, after fluting, in the manufacture of corrugated board.

NOTE ISO 7263-1 describes a method to determine the flat crush resistance using an A-flute geometry.

SIST/TC ZEM Zemeljska dela

SIST EN 16907-1:2019

2019-04 (po) (en;fr;de) 170 str. (P)

Zemeljska dela - 1. del: Načela in splošna pravila

Earthworks - Part 1: Principles and general rules

Osnova: EN 16907-1:2018

ICS: 93.020

This standard (Part 1) gives definitions, principles and general rules for the planning, design and specification of earthworks. It introduces the other parts of the standard, which have to be used together with Part 1.

It is applicable to all types of earth-structures, whatever their intended use is (roads, railways, airfields, waterways, buildings, landfills, tailing dams, etc.), except where listed below:

- Some specific types of works such as the execution of trenches and small earthworks may be organized using simplified or specific rules;
- Some structures, such as dykes and dams, need earthworks which have specific design and construction requirements: these may extend beyond the rules of this standard.

SIST EN 16907-2:2019

2019-04 (po) (en;fr;de) 43 str. (I)

Zemeljska dela - 2. del: Klasifikacija materialov

Earthworks - Part 2: Classification of materials

Osnova: EN 16907-2:2018

ICS: 93.020, 13.080.99

This European Standard defines a common basis for description and classification for use by all parties involved in the design, planning and construction of the earthworks.

This European Standard specifies the principles of classification, the processes and properties to be used in the description and classification of earthworks materials. For that, it specifies soil and rock groups as basis of material specifications for earth structure elements.

NOTE Informative examples of existing national experience based classification systems and their use are presented in the annexes to prEN 16907-1.

SIST EN 16907-3:2019

2019-04 (po) (en;fr;de) 85 str. (M)

Zemeljska dela - 3. del: Postopki izvajanja zemeljskih del

Earthworks - Part 3: Construction procedures

Osnova: EN 16907-3:2018

ICS: 93.020

This standard presents execution procedures for excavating, transporting and placing soils and rocks for the construction of earth-structures. It includes excavation and placement of rock materials underwater.

Dredging of soils and the associated hydraulic placement of fills are covered by Part 6 of this standard.

NOTE:

Execution of earthworks follows the conclusions of the earthworks design and optimisation phase (Part 1), which must anticipate soil and rock specificities and their suitability. In case some events could not be foreseen, additional design is performed during the execution of works

SIST EN 16907-4:2019

2019-04 (po) (en;fr;de) 90 str. (M)

Zemeljska dela - 4. del: Tretiranje zemljin z apnom in/ali hidravličnimi vezivi

Earthworks - Part 4: Soil treatment with lime and/or hydraulic binders

Osnova: EN 16907-4:2018

ICS: 93.020

This European Standard applies to the treatment with binders of natural soils, weak and intermediate rocks (including chalk), recycled materials and artificial materials for the execution of earthworks during the construction and maintenance of roads, railways, airfields, platforms, dykes, ponds and any other types of earth structure.

It relates only to the treatment by layers for earthworks, as opposed to the treatment by columns for example.

The standard specifies the requirements for the constituents of the mixtures, the preliminary laboratory testing methodology, the laboratory performance classification, and the execution and control.

Note 1: The informative annexes also give example of good practices for execution and control.

The laboratory performance classification specified in this European Standard covers the two types of treatment : improvement and stabilization.

– For improvement, the classification takes into account the short term performance.

– For stabilization, the classification takes into account the medium to long term performance.

Note 2: For stabilization, the classification is based on the laboratory performance classification specified in EN 14227-15, except for the classification according to Rt and E which has been replaced by a performance classification according to Rt and E specific to earthworks.

SIST EN 16907-5:2019

2019-04 (po) (en;fr;de) 19 str. (E)

Zemeljska dela - 5. del: Kontrola kakovosti

Earthworks - Part 5: Quality control

Osnova: EN 16907-5:2018

ICS: 03.120.99, 93.020

This European Standard provides recommendations and guidance on the quality assurance and quality control of earthworks construction forming part of general civil engineering and building works. It provides guidance on the techniques to be used to give clients, contractors and designers confidence that the earthworks have been constructed in accordance with their requirements.

SIST EN 16907-6:2019

2019-04 (po) (en;fr;de) 55 str. (J)

Zemeljska dela - 6. del: Pridobivanje novih zemljišč s hidravličnim nasipanjem sedimentov, izkopanih pod vodo

Earthworks - Part 6: Land reclamation earthworks using dredged hydraulic fill

Osnova: EN 16907-6:2018

ICS: 93.020

This European Standard deals with underwater excavation and hydraulic placement of fill material for land reclamation projects providing structural support. The main focus is on soils that exhibit drained behaviour during and after placement.

This European Standard specifies minimum requirements for site related data to be acquired before the tender and execution stage of a dredging and land reclamation project.

This European Standard gives guidance on how the selection of the dredging equipment shall be undertaken. It also gives guidance on the selection of a borrow area.

This European Standard offers the general principles on how to design the actual execution of a hydraulic fill project and offers guidelines for monitoring and quality control of that execution in order to guarantee that the fill mass exhibits the behaviour as intended by the designer of the land reclamation.

This European Standard neither gives prescriptions nor recommendations or guidance on dredging of rock, mine tailings, mineral wastes and contaminated soils.

This European Standard aims at facilitating mutual understanding of all parties involved in designing the execution of a hydraulic fill project. It gives a framework to arrive at clear and unambiguous goals and arrangements. The main purpose of this European Standard is to ensure that functional requirements and specifications for such projects are in harmony with site boundary conditions and construction methods.

SS EIT Strokovni svet SIST za področja elektrotehnike, informacijske tehnologije in telekomunikacij

SIST EN 50436-4:2019

2019-04 (po) (en) 50 str. (I)

Alkoholne zapore - Preskusne metode in zahtevane lastnosti - 4. del: Konektor in digitalni vmesnik med alkoholno zaporo in vozilom

Alcohol interlocks - Test methods and performance requirements - Part 4: Connection and digital interface between the alcohol interlock and the vehicle

Osnova: EN 50436-4:2019

ICS: 43.040.80, 13.200

The purpose of this new standard is to define a list of functionalities for a standard connector / interface between the vehicle and the alcohol interlock, which can be used for communication between the vehicle and the alcohol interlock in both directions for information exchange. It specifies the interface for an aftermarket installation of alcohol interlocks .

SIST EN 60529:1997/A2:2014/AC:2019**2019-04 (po) (en) 3 str. (AC)**

Stopnja zaščite, ki jo zagotavlja ohišje (koda IP) - Popravek AC

Degrees of protection provided by enclosures (IP Code)

Osnova: EN 60529:1991/A2:2013/AC:2019-02

ICS: 29.100.99

Popravek k standardu SIST EN 60529:1997/A2:2014.

Ta standard se uporablja za klasifikacijo stopenj zaščite, ki jo zagotavlja ohišje električne opreme, katere nazivna napetost ne presega 72,5 kV.

SIST EN IEC 61967-1:2019

SIST EN 61967-1:2005

2019-04 (po) (en) 28 str. (G)

Integrirana vezja - Meritve elektromagnetnega sevanja - 1. del: Splošni pogoji in definicije (IEC 61967-1:2018)

Integrated circuits - Measurement of electromagnetic emissions - Part 1: General conditions and definitions (IEC 61967-1:2018)

Osnova: EN IEC 61967-1:2019

ICS: 31.200

This part of IEC 61967 provides general information and definitions on the measurement of conducted and radiated electromagnetic disturbances from integrated circuits. It also provides a description of measurement conditions, test equipment and set-up as well as the test procedures and content of the test reports. Test method comparison tables are included in Annex A to assist in selecting the appropriate measurement method(s).

The object of this document is to describe general conditions in order to establish a uniform testing environment and to obtain a quantitative measure of RF disturbances from integrated circuits (IC). Critical parameters that are expected to influence the test results are described.

Deviations from this document are noted explicitly in the individual test report. The measurement results can be used for comparison or other purposes.

Measurement of the voltage and current of conducted RF emissions or radiated RF disturbances, coming from an integrated circuit under controlled conditions, yields information about the potential for RF disturbances in an application of the integrated circuit.

The applicable frequency range is described in each part of IEC 61967.

SIST EN IEC 62933-2-1:2018/AC:2019**2019-04 (po) (en) 3 str. (AC)**

Električne naprave za shranjevanje energije (EES) - 2-1. del: Parametri enot in preskusne metode - Splošne zahteve - Popravek AC

Electrical energy storage (EES) systems - Part 2-1: Unit parameters and testing methods - General specification

Osnova: EN IEC 62933-2-1:2018/AC:2019-02

ICS: 27.010

Popravek k standardu SIST EN IEC 62933-2-1:2018.

Ta del standarda IEC 62933 se osredotoča na parametre enote in preskusne metode sistemov EES. Naprave in tehnologije za shranjevanje električne energije ne spadajo na področje uporabe tega dokumenta. Ta dokument obravnava delovanje sistema EES in opredeljuje:

- parametre enote,
- preskusne metode.

SS SPL Strokovni svet SIST za splošno področje

SIST EN 14243-1:2019

SIST-TS CEN/TS 14243:2010

2019-04 (po) (en;fr;de) 11 str. (C)

Snovi iz izrabljenih avtomobilskih gum - 1. del: Splošne definicije, povezane z metodami za določanje njihovih mer in nečistoč

Materials obtained from end of life tyres - Part 1: General definitions related to the methods for determining their dimension(s) and impurities

Osnova: EN 14243-1:2019

ICS: 13.030.50, 83.160.01

This European Standard provides general definitions for sample collection and preparation of a representative sample based on a sampling plan for the purpose of determining dimensions and impurities.

This Standard does not cover the operational performance or fitness for use of the materials which are deemed to be a function of agreements between the manufacturer and the customer.

This Standard does not purport to address all of the safety concerns, if any, associated with its use. This Standard does not establish appropriate safety and health practices and does not determine the applicability of regulatory limitations prior to use.

SIST EN 14243-2:2019

SIST-TS CEN/TS 14243:2010

2019-04 (po) (en;fr;de) 29 str. (G)

Snovi iz izrabljenih avtomobilskih gum - 2. del: Granulati in praški - Metode za ugotavljanje njihovih mer in nečistoč, vključno z jeklenimi in tekstilnimi delci

Materials obtained from end of life tyres - Part 2: Granulates and powders - Methods for determining their dimension(s) and impurities, including free steel and free textile content

Osnova: EN 14243-2:2019

ICS: 13.030.50, 83.160.01

This European Standard provides test methods for the determination of the dimension(s) of granulates and powders, produced from all categories of end-of-life tires at all steps of the treatment processes as well as for the determination of impurities (including free steel and free textile content).

The methods described in this Standard include sample collection and the preparation of a representative sample based on a sampling plan for the purpose of determining dimensions and impurities.

This Standard does not cover the operational performance or fitness for use of the materials which is deemed to be a function of the agreement between manufacturer and customer.

This Standard does not purport to address all of the safety concerns, if any, associated with its use. This standard does not establish appropriate safety and health practices and does not determine the applicability of regulatory limitations prior to use.

SIST EN 14243-3:2019

SIST-TS CEN/TS 14243:2010

2019-04 (po) (en;fr;de) 21 str. (F)

Snovi iz izrabljenih avtomobilskih gum - 3. del: Drobci, odrezki in lističi - Metode za ugotavljanje njihovih mer, vključno z merami štrlečih vlaken

Materials obtained from end of life tyres - Part 3: Shreds, cuts and chips - Methods for determining their dimension(s) including protruding filaments dimensions

Osnova: EN 14243-3:2019

ICS: 13.030.50, 83.160.01

This European Standard provides test methods for the determination of the dimension(s) of shreds, cuts and chips (including protruding filaments) produced from all categories of end-of-life tyres at all steps of the treatment processes.

The methods described in this Standard include sample collection and the preparation of a representative sample based on a sampling plan for the purpose of determining dimensions.

This Standard does not cover the operational performance or fitness for use of the materials which are deemed to be a function of agreements between the manufacturer and the customer.

This Standard does not purport to address all of the safety concerns, if any, associated with its use. This standard does not establish appropriate safety and health practices and does not determine the applicability of regulatory limitations prior to use.

SIST EN ISO 10819:2013/A1:2019

2019-04 (po) (en;fr;de) 12 str. (C)

Mehanske vibracije in udarci - Vibracije dlan-roka - Merjenje in vrednotenje prenosov vibracij z rokavice na dlan roke - Dopolnilo A1 (ISO 10819:2013/Amd 1:2019)

Mechanical vibration and shock - Hand-arm vibration - Measurement and evaluation of the vibration transmissibility of gloves at the palm of the hand - Amendment 1 (ISO 10819:2013/Amd 1:2019)

Osnova: EN ISO 10819:2013/A1:2019

ICS: 13.340.40, 13.160

Dopolnilo A1:2019 je dodatek k standardu SIST EN ISO 10819:2013.

Ta mednarodni standard določa metodo za opravljanje laboratorijske meritve, izvedbo analize podatkov in poročanje o prenosljivosti vibracij za rokavico z materialom, ki zmanjšuje vibracije ter pokriva dlan in prste roke. V tem mednarodnem standardu je prenosljivost vibracij določena kot stopnja vibracij, ki se z ročice prenašajo skozi rokavico na dlan roke v terčnih frekvenčnih pasovih s srednjimi frekvencami 25–1250 Hz. Merilni postopek, določen v tem mednarodnem standardu, se lahko uporabi tudi za merjenje prenosljivosti vibracij materiala, ki je v postopku vrednotenja ustreznosti za prekritje ročice stroja ali morebitno uporabo v rokavici. Vendar rezultati tega preskusa se ne morejo uporabiti za overjanje materiala, ki prekriva ročico, v povezavi z zahtevami tega mednarodnega standarda glede njegove ustreznosti za uporabo kot protivibracijske zaščitne obloge. Material, preskušen na ta način, se lahko naknadno uporabi v rokavici. V tem primeru je treba rokavico preskusiti v skladu z merilnim postopkom v tem mednarodnem standardu, rokavica pa mora izpolnjevati zahteve glede zmanjšanja vibracij v tem mednarodnem standardu, da se lahko overi kot protivibracijska rokavica.

SIST EN ISO 15118-4:2019

2019-04 (po) (en;fr;de) 1470 str. (2N)

Cestna vozila - Komunikacijski vmesnik med vozilom in omrežjem - 4. del: Preskus skladnosti omrežja in aplikacijskega protokola (ISO 15118-4:2018)

Road vehicles - Vehicle to grid communication interface - Part 4: Network and application protocol conformance test (ISO 15118-4:2018)

Osnova: EN ISO 15118-4:2019

ICS: 35.100.05, 43.040.15

ISO 15118-4:2018 specifies conformance tests in the form of an Abstract Test Suite (ATS) for a System Under Test (SUT) implementing an EVCC or SECC according to ISO 15118-2. These conformance tests specify the testing of capabilities and behaviors of an SUT as well as checking what is observed against the conformance requirements specified in ISO 15118-2 and against what the supplier states the SUT implementation's capabilities are.

The capability tests within the ATS check that the observable capabilities of the SUT are in accordance with the static conformance requirements defined in ISO 15118-2. The behavior tests of the ATS examine an implementation as thoroughly as is practical over the full range of dynamic conformance requirements defined in ISO 15118-2 and within the capabilities of the SUT (see NOTE).

A test architecture is described in correspondence to the ATS. The conformance test cases in this document are described leveraging this test architecture and are specified in TTCN-3 Core Language for ISO/OSI Network Layer (Layer 3) and above. The conformance test cases for the Data Link Layer (Layer 2) and Physical Layer (Layer 1) are described in ISO 15118-5. Test cases with overlapping scopes are explicitly detailed.

This document does not include specific tests of other standards referenced within ISO 15118-2, e.g. IETF RFCs. Furthermore, the conformance tests specified in this document do not include the assessment of performance nor robustness or reliability of an implementation. They cannot provide

judgments on the physical realization of abstract service primitives, how a system is implemented, how it provides any requested service, nor the environment of the protocol implementation. Furthermore, the test cases defined in this document only consider the communication protocol defined ISO 15118-2. Power flow between the EVSE and the EV is not considered.

NOTE 1 Practical limitations make it impossible to define an exhaustive test suite, and economic considerations can restrict testing even further. Hence, the purpose of this document is to increase the probability that different implementations are able to interwork. This is achieved by verifying them by means of a protocol test suite, thereby increasing the confidence that each implementation conforms to the protocol specification. However, the specified protocol test suite cannot guarantee conformance to the specification since it detects errors rather than their absence. Thus conformance to a test suite alone cannot guarantee interworking. What it does do is give confidence that an implementation has the required capabilities and that its behavior conforms consistently in representative instances of communication.

NOTE 2 This document has some interdependencies to the conformance tests defined in ISO 15118-5 which result from ISO/OSI cross layer dependencies in the underlying protocol specification (e.g. for sleep mode)

SIST EN ISO 15118-5:2019

2019-04 (po) (en;fr;de) 414 str. (2A)

Cestna vozila - Komunikacijski vmesnik med vozilom in omrežjem - 5. del: Preskus skladnosti fizične in podatkovne povezovalne plasti (ISO 15118-5:2018)

Road vehicles - Vehicle to grid communication interface - Part 5: Physical layer and data link layer conformance test (ISO 15118-5:2018)

Osnova: EN ISO 15118-5:2019

ICS: 35.100.05, 43.040.15

ISO 15118-5:2018 specifies conformance tests in the form of an Abstract Test Suite (ATS) for a System Under Test (SUT) implementing an Electric Vehicle or Supply Equipment Communication Controller (EVCC or SECC) with support for PLC-based High Level Communication (HLC) and Basic Signaling according to ISO 15118-3. These conformance tests specify the testing of capabilities and behaviors of an SUT, as well as checking what is observed against the conformance requirements specified in ISO 15118-3 and against what the implementer states the SUT implementation's capabilities are.

The capability tests within the ATS check that the observable capabilities of the SUT are in accordance with the static conformance requirements defined in ISO 15118-3. The behavior tests of the ATS examine an implementation as thoroughly as is practical over the full range of dynamic conformance requirements defined in ISO 15118-3 and within the capabilities of the SUT (see NOTE 1).

A test architecture is described in correspondence to the ATS. The conformance test cases in this part of the standard are described leveraging this test architecture and are specified in TTCN-3 Core Language for the ISO/OSI Physical and Data Link Layers (Layers 1 and 2). The conformance test cases for the ISO/OSI Network Layer (Layer 3) and above are described in ISO 15118-4.

In terms of coverage, this document only covers normative sections and requirements in ISO 15118-3. This document can additionally include specific tests for requirements of referenced standards (e.g. IEEE, or industry consortia standards) as long as they are relevant in terms of conformance for implementations according to ISO 15118-3. However, it is explicitly not intended to widen the scope of this conformance specification to such external standards, if it is not technically necessary for the purpose of conformance testing for ISO 15118-3. Furthermore, the conformance tests specified in this document do not include the assessment of performance nor robustness or reliability of an implementation. They cannot provide judgments on the physical realization of abstract service primitives, how a system is implemented, how it provides any requested service, nor the environment of the protocol implementation. Furthermore, the test cases defined in this document only consider the communication protocol and the system's behavior defined ISO 15118-3. Power flow between the EVSE and the EV is not considered.

NOTE 1 Practical limitations make it impossible to define an exhaustive test suite, and economic considerations can restrict testing even further. Hence, the purpose of this document is to increase the probability that different implementations are able to interwork. This is achieved by verifying them by

means of a protocol test suite, thereby increasing the confidence that each implementation conforms to the protocol specification. However, the specified protocol test suite cannot guarantee conformance to the specification since it detects errors rather than their absence. Thus conformance to a test suite alone cannot guarantee interworking. What it does do is give confidence that an implementation has the required capabilities and that its behavior conforms consistently in representative instances of communication.

SIST EN ISO 15118-8:2019

2019-04 (po) (en;fr;de) 42 str. (I)

Cestna vozila - Komunikacijski vmesnik med vozilom in omrežjem - 8. del: Zahteve za fizične in podatkovne povezovalne plasti za brezžično komunikacijo (ISO 15118-8:2018)

Road vehicles - Vehicle to grid communication interface - Part 8: Physical layer and data link layer requirements for wireless communication (ISO 15118-8:2018)

Osnova: EN ISO 15118-8:2019

ICS: 43.040.15, 35.100.05

ISO 15118-8:2018 specifies the requirements of the physical and data link layer of a wireless High Level Communication (HLC) between Electric Vehicles (EV) and the Electric Vehicle Supply Equipment (EVSE). The wireless communication technology is used as an alternative to the wired communication technology as defined in ISO 15118-3.

It covers the overall information exchange between all actors involved in the electrical energy exchange. ISO 15118 (all parts) are applicable for conductive charging as well as Wireless Power Transfer (WPT).

For conductive charging, only EVSEs compliant with "IEC 61851-1 modes 3 and 4" and supporting HLC are covered by this document. For WPT, charging sites according to IEC 61980 (all parts) and vehicles according to ISO/PAS 19363 are covered by this document.

Obvestilo o prevodih že sprejetih slovenskih nacionalnih standardov

S to objavo vas obveščamo, da so bili izdani prevodi naslednjih slovenskih nacionalnih standardov, ki so bili že sprejeti v tujem jeziku. Prevod pomeni le jezikovno različico predhodno izdanega slovenskega dokumenta. Standard je na voljo v standardoteki SIST.

SIST/TC TRM Terminologija

SIST IEC 60050-441:2017

2017-04 (pr) (sl) 51 str. (SJ)

Mednarodni elektrotehniški slovar - 441. del: Stikalne in krmilne naprave ter varovalke

International Electrotechnical Vocabulary - Chapter 441: Switchgears, controlgears and fuses

Osnova: IEC 60050(441):1984

ICS: 01.040.29; 29.120.50

Datum prevoda: 2019-04

Razveljavitev slovenskih standardov

SIST/TC	Razveljavljeni dokument	Leto razveljavitve	Zamenjan z dokumentom
BBB	SIST-TP CEN/TR 15868:2009	2019-04	SIST-TP CEN/TR 15868:2019
BBB	SIST-TS CEN/TS 12390-10:2008	2019-04	SIST EN 12390-10:2019
CAA	SIST EN 13454-2:2004+A1:2007	2019-04	SIST EN 13454-2:2019
DPN	SIST EN 60900:2004	2019-04	SIST EN 60900:2012
DTN	SIST CEN/TR 14819-1:2004	2019-04	SIST EN 17064:2019
DTN	SIST EN 1526:1998+A1:2008	2019-04	SIST EN ISO 24134:2019
DTN	SIST EN 81-28:2018	2019-04	SIST EN 81-28:2018+AC:2019
DTN	SIST EN 81-71:2018	2019-04	SIST EN 81-71:2018+AC:2019
DTN	SIST EN 81-77:2014	2019-04	SIST EN 81-77:2019
DTN	SIST-TP CEN/TR 14819-2:2006	2019-04	SIST EN 17064:2019
EAL	SIST EN 50518-1:2010	2019-04	SIST EN 50518-1:2013
EAL	SIST EN 50518-2:2010	2019-04	SIST EN 50518-2:2013
EAL	SIST EN 50518-2:2010/AC:2011	2019-04	SIST EN 50518-2:2013
EAL	SIST EN 50518-3:2011	2019-04	SIST EN 50518-3:2013
ELI	SIST EN 50174-3:2005	2019-04	SIST EN 50174-3:2014
ELI	SIST EN 50310:2011	2019-04	SIST EN 50310:2016
ELI	SIST HD 50573-5-57:2014	2019-04	SIST HD 60364-5-53:2016
ELI	SIST HD 60364-5-53:2015	2019-04	SIST HD 60364-5-53:2016
ELI	SIST HD 60364-5-559:2005	2019-04	SIST HD 60364-5-559:2012
EMC	SIST EN 61000-4-16:1999	2019-04	SIST EN 61000-4-16:2016
EMC	SIST EN 61000-4-16:1999/A1:2004	2019-04	SIST EN 61000-4-16:2016
EMC	SIST EN 61000-4-16:1999/A2:2011	2019-04	SIST EN 61000-4-16:2016
EMC	SIST EN 61000-4-4:2005	2019-04	SIST EN 61000-4-4:2013

SIST/TC	Razveljavljeni dokument	Leto razveljavitve	Zamenjan z dokumentom
EMC	SIST EN 61000-4-6:2009	2019-04	SIST EN 61000-4-6:2014
EPO	SIST-TP CEN/TR 13695-2:2005	2019-04	SIST-TP CEN/TR 13695-2:2019
FGA	SIST EN 60661:2002	2019-04	SIST EN 60661:2014
FGA	SIST EN 60661:2002/A1:2003	2019-04	SIST EN 60661:2014
FGA	SIST EN 60661:2002/A2:2006	2019-04	SIST EN 60661:2014
IEMO	SIST EN 60601-1-11:2010	2019-04	SIST EN 60601-1-11:2015
IEMO	SIST EN 60601-1-2:2008	2019-04	SIST EN 60601-1-2:2015
IEMO	SIST EN 60601-1-4:1998	2019-04	SIST EN 60601-1:2007
IEMO	SIST EN 60601-1-4:1998/A1:2002	2019-04	SIST EN 60601-1:2007
IFEK	SIST EN ISO 683-3:2018	2019-04	SIST EN ISO 683-3:2019
IOVO	SIST EN 12873-3:2006	2019-04	SIST EN 12873-3:2019
IPKZ	SIST EN ISO 10111:2003	2019-04	SIST EN ISO 10111:2019
IPMA	SIST EN ISO 294-4:2003	2019-04	SIST EN ISO 294-4:2019
IUSN	SIST EN ISO 17226-1:2009	2019-04	SIST EN ISO 17226-1:2019
IUSN	SIST EN ISO 17226-2:2009	2019-04	SIST EN ISO 17226-2:2019
IUSN	SIST EN ISO 17226-2:2009/AC:2009	2019-04	SIST EN ISO 17226-2:2019
IUSN	SIST EN ISO 5398-4:2009	2019-04	SIST EN ISO 5398-4:2019
IZL	SIST EN 61466-1:1997	2019-04	SIST EN 61466-1:2016
IŽNP	SIST EN 13146-1:2012+A1:2015	2019-04	SIST EN 13146-1:2019
IŽNP	SIST EN 13146-7:2012	2019-04	SIST EN 13146-7:2019
KAT	SIST EN 14701-4:2010	2019-04	SIST EN 14701-4:2019
KIN	SIST EN 50090-2-3:2005	2019-04	SIST EN 50491-4-1:2012
MEE	SIST EN 62056-31:2000	2019-04	SIST EN 62056-3-1:2014
MKP	SIST EN 61326-1:2007	2019-04	SIST EN 61326-1:2013
MKP	SIST EN 61326-2-1:2007	2019-04	SIST EN 61326-2-1:2013
MKP	SIST EN 61326-2-2:2007	2019-04	SIST EN 61326-2-2:2013
MKP	SIST EN 61326-2-3:2007	2019-04	SIST EN 61326-2-3:2013
MKP	SIST EN 61326-2-5:2007	2019-04	SIST EN 61326-2-5:2013
MKP	SIST EN 61514-2:2004	2019-04	SIST EN 61514-2:2013
MOC	SIST EN 61196-2:2004	2019-04	SIST EN 61196-10:2016
MOC	SIST EN 62153-4-7:2007	2019-04	SIST EN 62153-4-7:2016
MOV	SIST EN 61515:1998	2019-04	SIST EN 61515:2017
MOV	SIST EN 62424:2009	2019-04	SIST EN 62424:2017
NAD	SIST EN 14214:2012+A1:2014	2019-04	SIST EN 14214:2012+A2:2019
NAD	SIST EN 589:2008+A1:2012/A101:2018	2019-04	SIST EN 589:2019/A101:2019
OGS	SIST EN 1434-5:2016	2019-04	SIST EN 1434-5:2016+A1:2019

SIST/TC	Razveljavljeni dokument	Leto razveljavitve	Zamenjan z dokumentom
OGS	SIST EN 1434-6:2016	2019-04	SIST EN 1434-6:2016+A1:2019
OGS	SIST EN 14825:2016	2019-04	SIST EN 14825:2019
OTR	SIST EN 1888:2012	2019-04	SIST EN 1888-1:2019 SIST EN 1888-2:2019
PCV	SIST EN ISO 11296-7:2013	2019-04	SIST EN ISO 11296-7:2019
PLN	SIST EN 13203-2:2015	2019-04	SIST EN 13203-2:2019
PLN	SIST EN 16436-1:2014+A1:2016	2019-04	SIST EN 16436-1:2014+A2:2019
PLN	SIST EN 437:2005+A1:2009	2019-04	SIST EN 437:2019
POH	SIST EN 1022:2006	2019-04	SIST EN 1022:2019
POH	SIST EN 1335-2:2010	2019-04	SIST EN 1335-2:2019
POH	SIST EN 1335-5:2010	2019-04	SIST EN 1335-2:2019
POH	SIST EN 1335-5:2010/AC:2010	2019-04	SIST EN 1335-2:2019
POH	SIST EN 16402:2014	2019-04	SIST EN 16402:2019
POH	SIST EN 716-1:2017	2019-04	
POZ	SIST EN 13501-6:2014	2019-04	SIST EN 13501-6:2019
PSE	SIST EN 61968-9:2010	2019-04	SIST EN 61968-9:2014
SPO	SIST EN 1176-4:2018	2019-04	
SPO	SIST EN 1176-6:2018	2019-04	
SPO	SIST EN 1177:2018	2019-04	
SPO	SIST EN 14836:2006	2019-04	SIST EN 14836:2019
SPO	SIST EN 14836:2006/AC:2007	2019-04	SIST EN 14836:2019
UZO	SIST EN ISO 14064-1:2012	2019-04	SIST EN ISO 14064-1:2019
VAZ	SIST EN ISO 10524-1:2006	2019-04	SIST EN ISO 10524-1:2019
VAZ	SIST EN ISO 10524-2:2006	2019-04	SIST EN ISO 10524-2:2019
VAZ	SIST EN ISO 10524-3:2006	2019-04	SIST EN ISO 10524-3:2019
VAZ	SIST EN ISO 10524-3:2006/A1:2013	2019-04	SIST EN ISO 10524-3:2019
VAZ	SIST EN ISO 15195:2003	2019-04	SIST EN ISO 15195:2019
VAZ	SIST EN ISO 23907:2012	2019-04	SIST EN ISO 23907-1:2019
VAZ	SIST EN ISO 80601-2-61:2011	2019-04	SIST EN ISO 80601-2-61:2019
VAZ	SIST-TS CEN/TS 16827-1:2015	2019-04	SIST EN ISO 20166-1:2019
VGA	SIST EN 60335-2-69:2009	2019-04	SIST EN 60335-2-69:2012
VGA	SIST EN 60335-2-8:2003	2019-04	SIST EN 60335-2-8:2016
VGA	SIST EN 60335-2-8:2003/A1:2006	2019-04	SIST EN 60335-2-8:2016
VGA	SIST EN 60335-2-8:2003/A2:2009	2019-04	SIST EN 60335-2-8:2016
VGA	SIST EN 60335-2-91:2004	2019-04	SIST EN 50636-2-91:2015
VGA	SIST EN 60335-2-92:2005	2019-04	SIST EN 50636-2-92:2015
VLA	SIST EN 12310-2:2001	2019-04	SIST EN 12310-2:2019

SIST/TC	Razveljavljeni dokument	Leto razveljavitve	Zamenjan z dokumentom
VLA	SIST EN 13074-1:2011	2019-04	SIST EN 13074-1:2019
VLA	SIST EN 13074-2:2011	2019-04	SIST EN 13074-2:2019
VLA	SIST EN 16002:2010	2019-04	SIST EN 16002:2019
VPK	SIST EN ISO 7263:2011	2019-04	SIST EN ISO 7263-1:2019 SIST EN ISO 7263-2:2019
VSN	SIST EN 12215:2005+A1:2009	2019-04	SIST EN 16985:2019
VSN	SIST EN 12981:2005+A1:2009	2019-04	SIST EN 16985:2019
VSN	SIST EN 13355:2005+A1:2009	2019-04	SIST EN 16985:2019
I09	SIST EN 60068-2-39:2001	2019-04	SIST EN 60068-2-39:2016
I09	SIST EN 60317-39:2001	2019-04	SIST EN 60317-39:2016
I09	SIST EN 60317-39:2001/A1:2001	2019-04	SIST EN 60317-39:2016
I09	SIST EN 60317-39:2001/A2:2006	2019-04	SIST EN 60317-39:2016
I09	SIST EN 61788-4:2011	2019-04	SIST EN 61788-4:2016
I10	SIST EN 45544-4:2002	2019-04	SIST EN 45544-4:2016
I11	SIST EN 62047-1:2007	2019-04	SIST EN 62047-1:2016
I13	SIST-TS CEN/TS 14243:2010	2019-04	SIST EN 14243-1:2019 SIST EN 14243-2:2019 SIST EN 14243-3:2019

CENIK SIST

Št. 1/2007 20. 2. 2017

Nakup slovenskih standardov poteka preko spletne trgovine SIST na www.sist.si. Naročilo lahko pošljete tudi po navadni pošti, e-pošti ali faxu.

Slovenski nacionalni standardi so na voljo v elektronski obliki (format PDF) in v tiskani obliki. Pri nakupu standardov v elektronski obliki preko spletne trgovine SIST je omogočena izdelava ene tiskane kopije vsakega kupljenega standarda.

Standardi v elektronski obliki so enouporabniške različice in so zaščiteni proti tiskanju in kopiranju. Nakup večuporabniških elektronskih različic standardov SIST za uporabo v lokalnem omrežju je naveden v poglavju 14.

Reprodukcije tujih standardov ISO, IEC, DIN, BS so na voljo v papirni obliki, standardi ISO in IEC pa tudi v elektronski obliki (format PDF). Cene za reprodukcije tujih standardov ISO, IEC in BS, ki so protivrednosti deviznih cen, izražene v evrih, so zneski preračunani po referenčnem tečaju Evropske centralne banke. SIST usklajuje tečaje tujih valut vsak prvi dan v mesecu.

1. Slovenski nacionalni standardi v tujem jeziku

V cenah je vključen davek na dodano vrednost (DDV). Za elektronske oblike standardov (nakup preko spleta) je DDV 22%, za standarde v papirni obliki in v elektronski obliki na prenosnem mediju je DDV 9,5%.

Pri nakupu standardov v elektronski obliki preko spletne trgovine SIST se obračuna stalni 20% popust. V času posebnih akcij, je popust lahko tudi višji.

Cen. razred	Število strani *	pdf-splet Cena (EUR)	pdf-splet 20% popust Cena (EUR)	papir Cena (EUR)
A	1 - 4	28,06	22,45	25,19
B	5 - 8	39,10	31,23	35,04
C	9 - 12	46,44	37,09	41,61
D	13 - 16	53,68	42,94	48,18
E	17 - 20	58,56	46,85	52,56
F	21 - 26	65,88	52,70	59,13
G	27 - 32	73,20	58,56	65,70
H	33 - 40	79,30	63,44	71,18
I	41 - 50	86,62	69,30	77,75
J	51 - 60	97,60	78,08	87,60
K	61 - 70	102,48	81,98	91,98
L	71 - 80	112,24	89,79	100,74
M	81 - 100	120,78	96,62	108,41
N	101 - 120	131,76	105,41	118,26
O	121 - 140	141,52	113,22	127,02
P	141 - 170	152,50	122,00	136,88
R	171 - 200	161,04	128,83	144,54
S	201 - 230	174,46	139,57	156,59
T	231 - 270	183,00	146,40	164,25
U	271 - 310	196,42	157,14	176,30
V	311 - 350	204,96	163,97	183,96

Cen. razred	Število strani *	pdf-splet Cena (EUR)	pdf-splet 20% popust Cena (EUR)	papir Cena (EUR)
Z	351 - 400	215,94	172,75	193,82
2A	401 - 450	226,92	181,54	203,67
2B	451 - 500	237,90	190,32	213,53
2C	501 - 560	247,66	198,13	222,29
2D	561 - 620	258,64	206,91	232,14
2E	621 - 680	269,62	215,70	242,00
2F	681 - 760	280,60	224,48	251,85
2G	761 - 840	289,14	231,31	259,52
2H	841 - 920	300,12	240,10	269,37
2I	921 - 1000	307,44	245,95	275,94
2J	1001-1100	317,20	253,76	284,70
2K	1101-1200	325,74	260,59	292,37
2L	1201-1300	335,50	268,40	301,13
2M	1301-1450	344,04	275,23	308,79
2N	1451-1600	355,02	284,02	318,65
2O	1601-1800	364,78	291,82	327,41
2P	1801-2000	373,32	298,66	335,07
3A	2001-3000	401,38	321,10	360,26
3B	3001-4000	430,66	344,53	386,54
3C	4001-5000	448,96	359,17	402,96
AP **		28,06	22,45	25,19

* Pri neprevedenih standardih SIST DIN cenovni razred ni določen po številu strani.

** AP - Sestavni del slovenskega standarda je tudi dokument, ki ga je potrebno naročiti posebej.

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Slovenski nacionalni standardi v slovenskem jeziku

Cen. razred	Število strani	pdf-splet Cena (EUR)	pdf-splet 20% popust Cena (EUR)	papir Cena (EUR)
SA	1 - 4	36,60	29,28	32,85
SB	5 - 8	47,58	38,06	42,71
SC	9 - 12	58,56	46,85	52,56
SD	13 - 16	65,88	52,70	59,13
SE	17 - 20	75,64	60,51	67,89
SF	21 - 26	82,96	66,37	74,46
SG	27 - 32	91,50	73,20	82,13
SH	33 - 40	98,82	79,06	88,70
SI	41 - 50	108,58	86,86	97,46
SJ	51 - 60	120,78	96,62	108,41
SK	61 - 70	128,10	102,48	114,98
SL	71 - 80	137,86	110,29	123,74
SM	81 - 100	152,50	122,00	136,88
SN	101 - 120	164,70	131,76	147,83
SO	121 - 140	178,12	142,50	159,87
SP	141 - 170	189,10	151,28	169,73
SR	171 - 200	203,74	162,99	182,87
SS	201 - 230	218,38	174,70	196,01
ST	231 - 270	229,36	183,49	205,86
SU	271 - 310	244,00	195,20	219,00
SV	311 - 350	258,64	206,91	232,14

Cen. razred	Število strani	pdf-splet Cena (EUR)	pdf-splet 20% popust Cena (EUR)	papir Cena (EUR)
SZ	351 - 400	269,62	215,70	242,00
S2A	401 - 450	284,26	227,41	255,14
S2B	451 - 500	296,46	237,17	266,09
S2C	501 - 560	313,54	250,83	281,42
S2D	561 - 620	324,52	259,62	291,27
S2E	621 - 680	339,16	271,33	304,41
S2F	681 - 760	353,80	283,04	317,55
S2G	761 - 840	362,34	289,87	325,22
S2H	841 - 920	376,98	301,58	338,36
S2I	921 - 1000	384,30	307,44	344,93
S2J	1001-1100	397,72	318,18	356,97
S2K	1101-1200	408,70	326,96	366,83
S2L	1201-1300	419,68	335,74	376,68
S2M	1301-1450	430,66	344,53	386,54
S2N	1451-1600	442,86	354,29	397,49
S2O	1601-1800	456,28	365,02	409,53
S2P	1801-2000	467,26	373,81	419,39
S3A	2001-3000	501,42	401,14	450,05
S3B	3001-4000	538,02	430,42	482,90
S3C	4001-5000	562,42	449,94	504,80

Popusti

Člani SIST	20 %
Državni organi	20 %
Študenti	50 % *

Št. kosov istega standarda	
4 - 9	5 %
10 ali več	10 %

Enkratni nakup standardov v skupni vrednosti nad 1.000 EUR	5%
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* Za neprevedene standarde SIST DIN je za študente popust 20%.

Popusti se ne seštevajo in so namenjeni za lastno uporabo dokumentov.

2. Publikacije SIST

V cenah je vključen 9,5 % DDV.

Naslov	Cena (EUR)
Mednarodna klasifikacija za standarde ICS -papir	23,00
Potrošniki in standardi: Napotki in načela za sodelovanje potrošnikov- papir	18,30

Popust pri publikacijah je za člane SIST in državne organe 20 %, za študente 50 %.

Popusti se ne seštevajo in so namenjeni za lastno uporabo publikacij.

dkl

**NAROČILNICA ZA SLOVENSKE STANDARDE IN DRUGE
PUBLIKACIJE**

N – IZO 4/2019*

Publikacije	Št. izvodov

Naročnik (ime, št. naročilnice)

Podjetje (naziv iz registracije)

Naslov (za račun)

Naslov za pošiljko (če je drugačen)

Davčni zavezanec • da • ne

Davčna številka

E-naslov (obvezno!)

Telefon

Datum

Faks

Naročilo pošljite na naslov Slovenski inštitut za standardizacijo, Šmartinska 152, 1000 Ljubljana ali na faks: 01/478-30-97.

Dodatne informacije o standardih dobite na tel.: 01/478-30-63 ali na 01/478-30-68.