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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 BIM Informacijsko modeliranje gradenj

SIST EN ISO 16739-1:2020

SIST EN ISO 16739:2016

2020-06 (po) (en;fr;de) 1477 str. (2N)

Industry Foundation Classes (IFC) za izmenjavo podatkov na področju gradbeništva in upravljanja objektov - 1. del: Shema podatkov (ISO 16739-1:2018) - Opomba: CD-ROM

Industry Foundation Classes (IFC) for data sharing in the construction and facility management industries - Part 1: Data schema (ISO 16739-1:2018)

Osnova: EN ISO 16739-1:2020

ICS: 35.240.67, 25.040.40

The Industry Foundation Classes, IFC, are an open international standard for Building Information Model (BIM) data that are exchanged and shared among software applications used by the various participants in the construction or facility management industry sector. The standard includes definitions that cover data required for buildings over their life cycle. This release, and upcoming releases, extend the scope to include data definitions for infrastructure assets over their life cycle as well. The Industry Foundation Classes specify a data schema and an exchange file format structure. The data schema is defined in

- EXPRESS data specification language, defined in ISO 10303-11,
- XML Schema definition language (XSD), defined in XML Schema W3C Recommendation, whereas the EXPRESS schema definition is the source and the XML schema definition is generated from the EXPRESS schema according to the mapping rules defined in ISO 10303-28. The exchange file formats for exchanging and sharing data according to the conceptual schema are
- Clear text encoding of the exchange structure, defined in ISO 10303-21,
- Extensible Markup Language (XML), defined in XML W3C Recommendation.

Alternative exchange file formats may be used if they conform to the data schemas.

ISO 16739-1:2017 of IFC consists of the data schemas, represented as an EXPRESS schema and an XML schema, and reference data, represented as definitions of property and quantity names, and formal and informative descriptions.

A subset of the data schema and referenced data is referred to as a Model View Definition (MVD). A particular MVD is defined to support one or many recognized workflows in the construction and facility management industry sector. Each workflow identifies data exchange requirements for software applications. Conforming software applications need to identify the model view definition they conform to.

SIST EN ISO 23386:2020

2020-06 (po) (en;fr;de) 48 str. (I)

Informacijsko modeliranje gradenj in drugi digitalni procesi v gradbeništvu - Metodologija za opisovanje, vzpostavitev in vzdrževanje atributov v medsebojno povezanih podatkovnih slovarjih (ISO 23386:2020)

Building information modelling and other digital processes used in construction - Methodology to describe, author and maintain properties in interconnected data dictionaries (ISO 23386:2020)

Osnova: EN ISO 23386:2020

ICS: 91.010.01, 35.240.67

This European standard establishes the rules for defining properties used in construction and a methodology for authoring and maintaining them, for a confident and seamless digital share between stakeholders.

Regarding definition of properties, it provides:

- rules of definitions of properties
- definition of property's attributes

Regarding authoring and maintaining process, it provides:

- definition of request's attributes
- definition and role of experts;
- a governance model through the establishment of steering committee;
- management rules to interconnect dictionaries through properties mapping process.

SIST/TC DPL Oskrba s plinom

SIST EN ISO 20088-2:2020

2020-06 (po) (en;fr;de) 23 str. (F)

Ugotavljanje obstojnosti izolacijskih materialov pri puščanju v kriogenem območju - 2. del:

Izpostavljenost pari (ISO 20088-2:2020)

Determination of the resistance to cryogenic spill of insulation materials - Part 2: Vapour exposure (ISO 20088-2:2020)

Osnova: EN ISO 20088-2:2020

ICS: 75.200

This part of ISO 20088 describes a method for determining the resistance to cryogenic spray on Cryogenic Spillage Protection (CSP) systems. It is applicable where CSP systems are installed on carbon steel and will be in contact with cryogenic fluids. Liquid jet release is potentially formed at high pressure LNG handling section in LNG liquefaction unit, e.g., around 40 - 60 bar operating pressure. Due to high velocity discharge, it may cause severe condition for cryogenic protection coating by large momentum with extreme cryogenic temperature. Liquid nitrogen is used as the cryogenic medium since it has a lower boiling point than liquid natural gas or liquid oxygen and it is not flammable. Additionally, it can be safely used for experiment. Part 2 of the standard covers vapour phase exposure conditions. The test laboratory is responsible to conduct an appropriate risk assessment according to local regulation in order to consider the impact of liquid and gaseous nitrogen exposure to equipment and personnel.

SIST-TP CEN/TR 17452:2020

2020-06 (po) (en) 17 str. (E)

Polnilne postaje za oskrbo z zemeljskim plinom - Navodilo za uporabo evropskih standardov za postaje za oskrbo vozil s stisnjanim (CNG) in utekočinjenim (LNG) zemeljskim plinom

Natural gas fuelling stations - Guidance for implementation of European standards on CNG and LNG stations for fuelling vehicles

Osnova: CEN/TR 17452:2020

ICS: 75.200, 75.160.50

This document provides guidance to support organizations with the implementation of the European standards on CNG and LNG stations for fuelling vehicles (i.e. EN-ISO 16923:2018 and EN-ISO 16924:2018, respectively).

This document cross-references European standards to the international standards listed in EN-ISO 16923:2018 and EN-ISO 16924:2018 and links these standards to relevant European Directives, where applicable.

SIST-TS ISO/TS 20100:2020

2020-06 (po) (en;fr;de) 52 str. (J)

Plinasti vodik - Polnilne postaje

Gaseous hydrogen - Fuelling stations

Osnova: ISO/TS 20100:2008

ICS: 27.075, 71.100.20

ISO/TS 20100:2008 specifies the characteristics of outdoor public and non-public fuelling stations that dispense gaseous hydrogen used as fuel onboard land vehicles of all types. Residential and home applications to fuel land vehicles are not covered.

SIST/TC DPN Delo pod napetostjo

SIST EN 61482-2:2020

2020-06 (po) (en) 54 str. (H)

Delo pod napetostjo - Olačila za zaščito pred temperaturno nevarnostjo električnega oblaka - 2. del: Zahteve

Live working - Protective clothing against the thermal hazards of an electric arc - Part 2: Requirements

Osnova: EN 61482-2:2020

ICS: 13.260, 13.340.10

IEC 61482-2 is applicable to protective clothing used in work where there is the risk of exposure to an electric arc hazard. This document specifies requirements and test methods applicable to materials and garments for protective clothing for electrical workers against the thermal hazards of an electric arc. Electric shock hazard is not covered by this document, which is applicable in combination with standards covering such hazards. Other effects than the thermal effects of an electric arc like noise, light emissions, pressure rise, hot oil, electric shock, the consequences of physical and mental shock or toxic influences are not covered by this document. Protection of eyes, face, head, hands and feet against electric arc hazard is not covered by this document.

SIST/TC ELI Nizkonapetostne in komunikacijske električne inštalacije

SIST EN 50090-5-1:2020

SIST EN 50090-5-1:2005

2020-06 (po) (en) 29 str. (G)

Stanovanjski in stavbni elektronski sistemi (HBES) - 5-1. del: Mediji in nivoji, odvisni od medijev - Napajalni vod za HBES razreda 1

Home and Building Electronic Systems (HBES) - Part 5-1: Media and media dependent layers - Power line for HBES Class 1

Osnova: EN 50090-5-1:2020

ICS: 97.120, 35.240.67

This European Standard defines the mandatory and optional requirements for the medium specific physical and data link layer of power line Class 1 PL110. Data link layer interface and general definitions, which are medium independent, are given in EN 50090 4-1.

SIST EN 50090-5-2:2020

SIST EN 50090-5-2:2005

2020-06 (po) (en) 48 str. (I)

Stanovanjski in stavbni elektronski sistemi (HBES) - 5-2. del: Mediji in nivoji, odvisni od medijev - Omrežja, ki temeljijo na HBES razreda 1, zviti par

Home and Building Electronic Systems (HBES) Part 5-2: Media and media dependent layers - Network based on HBES Class 1, Twisted Pair

Osnova: EN 50090-5-2:2020

ICS: 97.120, 35.240.67

This European Standard defines the mandatory and optional requirements for the medium specific physical and data link layer for HBES Class 1 Twisted Pair TP1.

Data link layer interface and general definitions, which are media independent, are given in EN 50090 4 2.

SIST EN 50491-11:2015/A1:2020

2020-06 (po) (en;fr) 42 str. (I)

Splošne zahteve za stanovanjske in stavbne elektronske sisteme (HBES) in sisteme za avtomatizacijo in krmiljenje stavb (BACS) - 11. del: Inteligentno merjenje - Aplikacijske specifikacije - Preprost zunanji prikazovalnik za uporabnika - Dopolnilo A1

General requirements for Home and Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS) - Part 11: Smart Metering - Application Specifications - Simple External Consumer Display

Osnova: EN 50491-11:2015/A1:2020

ICS: 35.240.67, 97.120

Dopolnilo A1:2020 je dodatek k standardu SIST EN 50491-11:2015.

Ta evropski standard določa podatkovni model za prenos podatkov merilnikov na preprost zunanji prikazovalnik za uporabnika. Podatkovni model, kot je opisan na podlagi funkcionalnih blokov, zajetih v tem evropskem standardu, določa obliko meritvenih podatkov, ki so dostopni prek preprostega zunanjega prikazovalnika za uporabnika. Ta podatkovni vmesnik je navadno del funkcij za komunikacijo z merilniki in se do njega dostopa s preprostim zunanjim prikazovalnikom za uporabnika prek vmesnika H1 TR 50572 med prikazovalnikom in funkcijami za komunikacijo z merilniki.

Do podatkovnega vmesnika v tem dokumentu se lahko dostopa tudi z LNAP ali NNAP prek vmesnika C ali M, nakar se lahko do podatkov dostopa z napravami HBES prek vmesnikov H2 in H3.

Tako se lahko isti podatkovni model uporablja tako na vmesniku H1 kot na vmesnikih H2 in H3.

Dokument ne določa mehanizmov za komunikacijo, ki se uporabljajo na podatkovnem vmesniku, niti uporabljenih mehanizmov za zasebnost podatkov in varnost, kjer se za te primere uporabljajo nacionalni predpisi.

Prav tako dokument ne določa komunikacijskih protokolov, ki se uporabljajo med merilniki in funkcijami za komunikacijo z merilniki. Kljub temu upošteva obstoječe evropske standarde za opredelitev podatkovnega modela, kot na primer skupine standardov EN 13757 in EN 62056.

SIST EN 50600-4-7:2020

2020-06 (po) (en;fr) 18 str. (E)

Informacijska tehnologija - Naprave in infrastruktura podatkovnih centrov - 4-7. del: Faktor učinkovitosti hlajenja

Information technology - Data centre facilities and infrastructures - Part 4-7: Cooling Efficiency Ratio (CER)

Osnova: EN 50600-4-7:2020

ICS: 35.110

This EN specifies the so-called Cooling Efficiency Ratio (CER), which is a key performance indicator for data centres, that indicates the effectiveness of a cooling system in a data centre.

SIST IEC 60479-1:2020

2020-06 (po) (en) 72 str. (L)

Vplivi električnega toka na ljudi in živali - 1. del: Splošno

Effects of current on human beings and livestock - Part 1: General aspects

Osnova:

ICS: 29.020, 13.200

IEC 60479-1 provides basic guidance on the effects of shock current on human beings and livestock. For a given current path through the human body, the danger to persons depends mainly on the

magnitude and duration of the current flow. However, the time/current zones specified in the following clauses are, in many cases, not directly applicable in practice for designing measures of protection against electrical shock. The necessary criterion is the admissible limit of touch voltage (i.e. the product of the current through the body called touch current and the body impedance) as a function of time. The relationship between current and voltage is not linear because the impedance of the human body varies with the touch voltage, and data on this relationship is therefore required. The different parts of the human body (such as the skin, blood, muscles, other tissues and joints) present to the electric current a certain impedance composed of resistive and capacitive components. The values of body impedance depend on a number of factors and, in particular, on current path, on touch voltage, duration of current flow, frequency, degree of moisture of the skin, surface area of contact, pressure exerted and temperature. The impedance values indicated in this document result from a close examination of the experimental results available from measurements carried out principally on corpses and on some living persons. Knowledge of the effects of alternating current is primarily based on the findings related to the effects of current at frequencies of 50 Hz or 60 Hz which are the most common in electrical installations. The values given are, however, deemed applicable over the frequency range from 15 Hz to 100 Hz, threshold values at the limits of this range being higher than those at 50 Hz or 60 Hz. Principally the risk of ventricular fibrillation is considered to be the main mechanism of death of fatal electrical accidents. Accidents with direct current are much less frequent than would be expected from the number of DC applications, and fatal electrical accidents occur only under very unfavourable conditions, for example, in mines. This is partly due to the fact that with direct current, the letgo of parts gripped is less difficult and that for shock durations longer than the period of the cardiac cycle, the threshold of ventricular fibrillation is considerably higher than for alternating current. This basic safety publication is primarily intended for use by technical committees in the preparation of standards in accordance with the principles laid down in IEC Guide 104 and ISO/IEC Guide 51. It is not intended for use by manufacturers or certification bodies. One of the responsibilities of a technical committee is, wherever applicable, to make use of basic safety publications in the preparation of its publications. The requirements, test methods or test conditions of this basic safety publication will not apply unless specifically referred to or included in the relevant publications.

SIST IEC 60479-2:2020

2020-06 (po) (en) 56 str. (J)

Vplivi električnega toka na ljudi in živali – 2. del: Posebnosti

Effects of current on human beings and livestock - Part 2: Special aspects

Osnova:

ICS: 29.020, 13.200

IEC 60479-2 describes the effects on the human body when a sinusoidal alternating current in the frequency range above 100 Hz passes through it. The effects of current passing through the human body for: - alternating sinusoidal current with DC components, - alternating sinusoidal current with phase control, and - alternating sinusoidal current with multicycle control are given but are only deemed applicable for alternating current frequencies from 15 Hz up to 100 Hz. Means of extending the frequency of applicability of pure sinusoids to a frequency of 150 kHz are given, supplementing the data in IEC 60479-1. Means of examining random complex irregular waveforms are given. This document describes the effects of current passing through the human body in the form of single and multiple successive unidirectional rectangular impulses, sinusoidal impulses and impulses resulting from capacitor discharges. The values specified are deemed to be applicable for impulse durations from 0,1 ms up to and including 10 ms. This document only considers conducted current resulting from the direct application of a source of current to the body, as does IEC 60479-1. It does not consider current induced within the body caused by its exposure to an external electromagnetic field. This basic safety publication is primarily intended for use by technical committees in the preparation of standards in accordance with the principles laid down in IEC Guide 104 and ISO/IEC Guide 51. It is not intended for use by manufacturers or certification bodies. One of the responsibilities of a technical committee is, wherever applicable, to make use of basic safety publications in the preparation of its publications. The requirements, test methods or test conditions of this basic safety publication will not apply unless specifically referred to or included in the relevant publications.

SIST-TP IEC TR 60479-4:2020
2020-06

33 str. (H)

Vplivi električnega toka na ljudi in živali – 4. del: Vplivi udarov strele

Effects of current on human beings and livestock - Part 4: Effects of lightning strokes

Osnova:

ICS: 29.020, 13.200

IEC TR 60479-4:2020 (E) summarizes the basic parameters for lightning and its variability insofar as they apply to human beings and livestock.

The possible direct and indirect interactions of strikes with bodies of living beings are indicated. The resulting effects caused by lightning currents for the organism are described.

This document shows the differences of effects on human beings and livestock due to lightning strokes versus those effects of electric shocks derived from electrical systems.

This third edition cancels and replaces the second edition published in 2011. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) lightning occurrence and climatory effects around the world are depicted;
- b) direct strike description is extended;
- c) step voltage effects are expanded;
- d) upward streamer explanation is enhanced;
- e) other direct or indirect related effects to lightning injuries to the human body are specified;
- f) various safety procedures and related possibilities with respect to the personal danger of lightning are presented.

SIST/TC EPO Embalaža - prodajna in ovojna

SIST EN ISO 12822:2020

SIST EN 14655:2010

2020-06 (po) (en;fr;de) 14 str. (D)

Steklena embalaža - Kronska grlo 26 H 126 - Mere (ISO 12822:2020)

Glass packaging - 26 H 126 crown finish - Dimensions (ISO 12822:2020)

Osnova: EN ISO 12822:2020

ICS: 55.100

This document specifies the dimensions of the 26 mm shallow crown finish for glass bottles containing beverages. The shallow crown finish is designed to use a metal crown closure (see Cetie data sheet EC1-02 [2]).

SIST EN ISO 16106:2020

SIST EN ISO 16106:2006

2020-06 (po) (en;fr;de) 67 str. (K)

Transportna embalaža za nevarno blago - Embalaža za nevarno blago, vsebniki IBC in večja embalaža - Smernice za uporabo standarda ISO 9001 (ISO 16106:2020)

Transport packages for dangerous goods - Dangerous goods packagings, intermediate bulk containers (IBCs) and large packagings - Guidelines for the application of ISO 9001 (ISO 16106:2020)

Osnova: EN ISO 16106:2020

ICS: 55.180.99, 03.120.10, 13.300

EN-ISO 16106 gives guidance on the application of a quality management system in the manufacture, measuring and monitoring of design type approved dangerous goods packaging, intermediate bulk containers (IBCs) and large packaging. This document does not include guidance specific to other management systems, such as those for environmental management, occupational health and safety management, or financial management. It is applicable to an organization that needs to demonstrate its ability to consistently provide products and services that meet customer and applicable statutory and regulatory requirements; aims to enhance customer satisfaction through the effective application of the system, including processes for improvement of the system and the assurance of

conformity to customer and applicable statutory and regulatory requirements. All the guidance in this document is generic and intended to be applicable to any organization, regardless of its type or size, or the products and services it provides.

SIST/TC EXP Električni aparati za eksplozivne atmosfere

SIST EN IEC 60079-19:2020

SIST EN 60079-19:2011
SIST EN 60079-19:2011/A1:2015

2020-06 **(po)** **(en;fr;de)** **85 str. (M)**
Eksplozivne atmosfere - 19. del: Popravilo, obnova in remont opreme (IEC 60079-19:2019)
Explosive atmospheres - Part 19: Equipment repair, overhaul and reclamation (IEC 60079-19:2019)
Osnova: EN IEC 60079-19:2019
ICS: 29.260.20

EN-IEC 60079-19 gives instructions, principally of a technical nature, on the repair, overhaul, reclamation and modification of Ex equipment designed for use in explosive atmospheres; - applies to overhaul and repair which mitigates deficiencies identified during operation, inspection and maintenance; - does not give advice on cable and wiring systems which can require a renewal when the equipment is re-installed; and - is not applicable to Type of Protection "m".

SIST EN ISO 80079-36:2016/AC:2020

2020-06 **(po)** **(en;fr)** **5 str. (AC)**
Eksplozivne atmosfere - 36. del: Neelektrična oprema za potencialno eksplozivne atmosfere - Osnovne metode in zahteve - Tehnični popravek 1 (ISO 80079-36:2016/Cor 1:2019)
Explosive atmospheres - Part 36: Non-electrical equipment for explosive atmospheres - Basic method and requirements - Technical Corrigendum 1 (ISO 80079-36:2016/Cor 1:2019)
Osnova: EN ISO 80079-36:2016/AC:2019
ICS: 13.230, 29.260.20

Popravek k standardu SIST EN ISO 80079-36:2016.

Ta mednarodni standard določa osnovno metodo in zahteve za načrtovanje, konstrukcijo, preskušanje in označevanje neelektrične opreme, ki je namenjena za uporabo v eksplozivnih atmosferah plinov, hlapov, meglic in prahu v zraku. Takšne atmosfere lahko obstajajo tudi znotraj opreme. Poleg tega lahko zunanja atmosfera prodira v opremo prek naravnega dihanja, ki nastane kot posledica nihanja notranjega delovnega tlaka opreme in/ali temperature.

SIST EN ISO/IEC 80079-54:2020

SIST EN ISO/IEC 80079-54:2011

2020-06 **(po)** **(en;fr;de)** **89 str. (M)**
Eksplozivne atmosfere - 34. del: Uporaba sistemov kakovosti za izdelavo opreme (ISO/IEC 80079-54:2018)
Explosive atmospheres - Part 34: Application of quality systems for equipment manufacture (ISO/IEC 80079-54:2018)
Osnova: EN ISO/IEC 80079-54:2020
ICS: 03.120.99, 13.230

This part of ISO/IEC 80079 specifies particular requirements and information for establishing and maintaining a quality system to manufacture Ex equipment products including protective systems in accordance with the Ex certificate. While it does not preclude the use of other quality systems that are compatible with the objectives of ISO 9001:2008 2015 and which provide equivalent results, the minimum requirements shall be in accordance with this standard.

SIST/TC FGA Funkcionalnost gospodinjskih aparatov

SIST EN 50559:2013/A1:2020

2020-06 (po) (en;fr) 14 str. (D)

Električno ogrevanje prostorov, talno ogrevanje, značilne lastnosti - Definicije, metode preskušanja, dimenzioniranje in simboli formul - Dopolnilo A1

Electric room heating, underfloor heating, characteristic of performance - Definitions, method of testing, sizing and formula symbols

Osnova: EN 50559:2013/A1:2020

ICS: 91.140.10, 97.100.10

Dopolnilo A1:2020 je dodatek k standardu SIST EN 50559:2013.

Ta evropski standard velja za električno talno ogrevanje stanovanj in vseh ostalih stavb, ki ustrezajo stanovanjem ali so jim vsaj podobne ter imajo največjo nosilnost 4 kN/m². Ta evropski standard določa značilnosti električnega talnega ogrevanja in uvaja preskusno metodo za te značilnosti, ki služi kot informacija za uporabnika. Ta evropski standard ne obravnava:

- namestitvev in varnostnih zahtev;
- DIN VDE 0100-725.

SIST EN 60704-2-4:2012/A11:2020

2020-06 (po) (en;fr) 5 str. (A)

Gospodinjski in podobni električni aparati - Postopek preskušanja za ugotavljanje zvočnega hrupa v zraku - 2-4. del: Posebne zahteve za pralne stroje in centrifuge - Dopolnilo A11

Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-4: Particular requirements for washing machines and spin extractors

Osnova: EN 60704-2-4:2012/A11:2020

ICS: 97.060, 17.140.20

Dopolnilo A11:2020 je dodatek k standardu SIST EN 60704-2-4:2012.

Te posebne zahteve se uporabljajo za električne pralne stroje z eno enoto, funkcije pranja in centrifugiranja pri kombiniranih napravah za gospodinjstvo in podobne namene ter centrifuge za gospodinjstvo in podobne namene.

SIST EN 62552-1:2020

SIST EN 62552:2015

2020-06 (po) (en) 114 str. (N)

Gospodinjski hladilni aparati - Značilnosti in preskusne metode - 1. del: Splošne zahteve

Household refrigerating appliances - Characteristics and test methods - Part 1: General requirements

Osnova: EN 62552-1:2020

ICS: 97.040.30

EN-IEC 62552-1 specifies the essential characteristics of household refrigerating appliances, cooled by internal natural convection or forced air circulation, and establishes test methods for checking the characteristics. For the purposes of declaration, the tests defined in this part of IEC 62552 are considered to be type tests to assess the fundamental design and operation of a refrigerating appliance. This part of IEC 62552 does not define requirements for production sampling or conformity assessment or certification. This part of IEC 62552 does not define a regime for verification testing as this varies by region and country. When verification of the performance of a refrigerating appliance of a given type in relation to this standard is necessary, it is preferable, wherever practicable, that all the tests specified be applied to a single unit. The tests can also be made individually for the study of a particular characteristic.

SIST EN 62552-2:2020

SIST EN 62552:2013

2020-06 (po) (en)**61 str. (K)**

Gospodinjski hladilni aparati - Značilnosti in preskusne metode - 2. del: Zahtevane lastnosti
Household refrigerating appliances - Characteristics and test methods - Part 2: Performance requirements

Osnova: EN 62552-2:2020

ICS: 97.040.30

EN-IEC 62552-2 specifies the essential characteristics of household refrigerating appliances cooled by internal natural convection or forced air circulation, and specifies test methods for checking the characteristics. This part of IEC 62552 describes the methods for the determination of performance requirements. Although there is some commonality in the set-ups for different tests (and so it may be an advantage to apply them all to one sample), these are separate tests to evaluate specific characteristics of the sample being tested. This part of IEC 62552 does not specify a procedure to generalise the results from sample test results to a prediction of the characteristics of the whole population from which that sample was selected.

SIST EN 62552-3:2020

SIST EN 62552:2013

2020-06 (po) (en)**175 str. (R)**

Gospodinjski hladilni aparati - Značilnosti in preskusne metode - 3. del: Poraba energije in prostornina
Household refrigerating appliances - Characteristics and test methods - Part 3: Energy consumption and volume

Osnova: EN 62552-3:2020

ICS: 97.040.30

EN-IEC 62552-3 specifies the essential characteristics of household and similar refrigerating appliances cooled by internal natural convection or forced air circulation, and establishes test methods for checking these characteristics. This part of IEC 62552 describes the methods for the determination of energy consumption characteristics and defines how these can be assembled to estimate energy consumption under different usage and climate conditions. This part of IEC 62552 also defines the determination of volume.

SIST EN IEC 60704-2-16:2019/A11:2020**2020-06 (po) (en;fr)****4 str. (A)**

Gospodinjski in podobni električni aparati - Postopek preskušanja za ugotavljanje zvočnega hrupa v zraku - 2-16. del: Posebne zahteve za pralno-sušilne stroje - Dopolnilo A11

Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-16: Particular requirements for washer-dryers

Osnova: EN IEC 60704-2-16:2019/A11:2020

ICS: 17.140.20, 97.060

Dopolnilo A11:2020 je dodatek k standardu SIST EN IEC 60704-2-16:2019.

Te posebne zahteve se uporabljajo za posamezne električne pralno-sušilne stroje za gospodinjske in podobne namene, namenjene namestitvi na tla ob steno, vgradnji ali postavitvi pod pult, kuhinjsko delovno površino ali umivalnik, namestitvi na steno ali na pult.

SIST/TC GIG Geografske informacije

SIST EN ISO 19111:2020

SIST EN ISO 19111:2008
SIST EN ISO 19111-2:2012

2020-06 **(po)** **(en;fr;de)** **154 str. (P)**
Geografske informacije - Lociranje s koordinatami (ISO 19111:2019)
Geographic information - Referencing by coordinates (ISO 19111:2019)
Osnova: EN ISO 19111:2020
ICS: 07.040, 35.240.70

This document defines the conceptual schema for the description of referencing by coordinates. It describes the minimum data required to define coordinate reference systems. This document supports the definition of:

- spatial coordinate reference systems where coordinate values do not change with time. The system may:
 - be geodetic and apply on a national or regional basis, or
 - apply locally such as for a building or construction site, or
 - apply locally to an image or image sensor;
 - be referenced to a moving platform such as a car, a ship, an aircraft or a spacecraft. Such a coordinate reference system can be related to a second coordinate reference system which is referenced to the Earth through a transformation that includes a time element;
- spatial coordinate reference systems in which coordinate values of points on or near the surface of the earth change with time due to tectonic plate motion or other crustal deformation. Such dynamic systems include time evolution, however they remain spatial in nature;
- parametric coordinate reference systems which use a non-spatial parameter that varies monotonically with height or depth;
- temporal coordinate reference systems which use dateTime, temporal count or temporal measure quantities that vary monotonically with time;
- mixed spatial, parametric or temporal coordinate reference systems.

The definition of a coordinate reference system does not change with time, although in some cases some of the defining parameters can include a rate of change of the parameter. The coordinate values within a dynamic and in a temporal coordinate reference system can change with time.

This document also describes the conceptual schema for defining the information required to describe operations that change coordinate values.

In addition to the minimum data required for the definition of the coordinate reference system or coordinate operation, the conceptual schema allows additional descriptive information - coordinate reference system metadata - to be provided.

This document is applicable to producers and users of geographic information. Although it is applicable to digital geographic data, the principles described in this document can be extended to many other forms of spatial data such as maps, charts and text documents.

SIST EN ISO 19136-1:2020

SIST EN ISO 19136:2009

2020-06 **(po)** **(en;fr;de)** **374 str. (Z)**
Geografske informacije - Jezik za označevanje geografskih podatkov (GML) - 1. del: Osnove (ISO 19136-1:2020)
Geographic information - Geography Markup Language (GML) - Part 1: Fundamentals (ISO 19136-1:2020)
Osnova: EN ISO 19136-1:2020
ICS: 07.040, 35.060, 35.240.70

EN-ISO 19136-1 is an XML encoding in accordance with ISO 19118 for the transport and storage of geographic information modelled in accordance with the conceptual modelling framework used in the ISO 19100 series of International Standards and including both the spatial and non-spatial properties of geographic features. This document defines the XML Schema syntax, mechanisms and conventions that provide an open, vendor-neutral framework for the description of geospatial application schemas for the

transport and storage of geographic information in XML;- allow profiles that support proper subsets of GML framework descriptive capabilities;- support the description of geospatial application schemas for specialized domains and information communities;- enable the creation and maintenance of linked geographic application schemas and datasets;- support the storage and transport of application schemas and datasets;- increase the ability of organizations to share geographic application schemas and the information they describe. Implementers can decide to store geographic application schemas and information in GML, or they can decide to convert from some other storage format on demand and use GML only for schema and data transport.

SIST/TC IEHT Elektrotehnika - Hidravlične turbine

SIST EN 61400-12-1:2017/AC:2020

2020-06 (po) (en) 3 str. (AC)

Sistemi za proizvodnjo energije na veter - 12-1. del: Preskušanje zmogljivosti vetrnih turbin za proizvodnjo električne energije - Popravek AC (IEC 61400-12-1:2017/COR2:2020)

Wind energy generation systems - Part 12-1: Power performance measurements of electricity producing wind turbines (IEC 61400-12-1:2017/COR2:2020)

Osnova: EN 61400-12-1:2017/AC:2020-04

ICS: 27.180

Popravek k standardu SIST EN 61400-12-1:2017.

Ta del standarda IEC 61400 določa postopek za merjenje elektroenergetskih zmogljivosti posamezne vetrne turbine in se uporablja za preskušanje turbin vseh vrst in velikosti, ki so priključene na električno omrežje. Poleg tega ta standard opisuje postopek, ki se uporablja za določanje elektroenergetske zmogljivosti majhnih vetrnih turbin (kot določa standard IEC 61400-2), kadar so priključene na električno omrežje ali akumulatorje. Postopek se lahko uporabi za vrednotenje zmogljivosti določenih vetrnih turbin na določenih lokacijah, vendar se lahko metodologija prav tako uporabi za splošne primerjave med različnimi modeli ali nastavitvami vetrnih turbin., kadar se upoštevajo pogoji glede na lokacijo in vplivi filtriranja podatkov.

Elektroenergetsko zmogljivost vetrnih turbin določata izmerjena krivulja električne energije in ocenjena letna proizvodnja energije (AEP). Izmerjena krivulja električne energije, opredeljena kor razmerje med hitrostjo vetra in izhodno močjo vetrne turbine, se določi z zbiranjem istočasnih meritev meteoroloških spremenljivk (vključno s hitrostjo vetra) in signalov vetrne turbine (vključno z izhodno močjo) na mestu preskušanja v obdobju, ki je dovolj dolgo, da se ustvari statistično pomembna zbirka podatkov pri različnih hitrostih vetra in pri različnih vetrnih in atmosferskih pogojih. AEP se izračuna z uporabo izmerjene krivulje električne energije pri referenčnih porazdelitvah frekvence hitrosti vetra, pri čemer se predvideva 100-odstotna razpoložljivost.

Ta dokument opisuje merilno metodologijo, pri kateri je treba vrednosti izmerjene krivulje električne energije in pridobljene proizvodnje energije nadomestiti z oceno virov netočnosti in njihovimi skupnimi vplivi.

SIST/TC IEKA Električni kabli

SIST EN 50305:2020

SIST EN 50305:2002

2020-06 (po) (en) 43 str. (I)

Železniške naprave - Kabli v železniških vozilih s posebno požarno odpornostjo - Preskusne metode *Railway applications - Railway rolling stock cables having special fire performance - Test methods*

Osnova: EN 50305:2020

ICS: 15.220.40, 45.060.01, 29.060.20

This standard specifies special test methods applicable to cables, and their constituent insulating and sheathing materials, for use in railway rolling stock. Such cables are specified in the various parts of EN 50264, EN 50306 and EN 50382.

SIST EN 50306-1:2020

SIST EN 50306-1:2005

2020-06 (po) (en)**16 str. (D)**

Železniške naprave - Kabli v železniških vozilih s posebno požarno odpornostjo - Tanka stena - 1. del:
Splošne zahteve

*Railway applications - Railway rolling stock cables having special fire performance - Thin wall - Part 1:
General requirements*

Osnova: EN 50306-1:2020

ICS: 45.060.01, 29.060.20, 13.220.40

EN 50306 1 specifies the general requirements applicable to the cables given EN 50306 2, EN 50306 3 and EN 50306 4. It includes the detailed requirements for S2 sheathing materials and other components called up in the separate Parts. In particular EN 50306 1 specifies those requirements relating to fire safety which enable the cables to satisfy Hazard Level 3 of EN 45545-1 and -2.

SIST EN 50306-2:2020

SIST EN 50306-2:2005

2020-06 (po) (en)**17 str. (E)**

Železniške naprave - Kabli v železniških vozilih s posebno požarno odpornostjo - Tanka stena - 2. del:
Enožilni kabli

*Railway applications - Railway rolling stock cables having special fire performance - Thin wall - Part 2:
Single core cables*

Osnova: EN 50306-2:2020

ICS: 45.060.01, 29.060.20, 13.220.40

EN 50306-2 specifies requirements for, and constructions and dimensions of, single core cables, rated voltage $U_0 / U = 300 / 300$ V, of the following type: Unscreened, 0,5 mm² to 2,5 mm² single core.

SIST EN 50306-3:202

SIST EN 50306-3:2005

2020-06 (po) (en)**17 str. (E)**

Železniške naprave - Kabli v železniških vozilih s posebno požarno odpornostjo - Tanka stena - 3. del:
Enožilni in večžilni kabli, zaslonjeni in tanko oplašeni

*Railway applications - Railway rolling stock cables having special fire performance - Thin wall - Part 3:
Single core and multicore cables screened and thin wall sheathed*

Osnova: EN 50306-3:2020

ICS: 45.060.01, 13.220.40, 29.060.20

EN 50306-3 specifies requirements for, and constructions and dimensions of, multicore cables, rated voltage $U_0/U=300/500$ V, of the following type: Screened, 0,5 mm² to 2,5 mm², number of cores from 1 to 8. All cables have stranded tinned copper conductors, and thin wall thickness, halogen-free, insulation and sheath. They are for use in railway rolling stock as fixed wiring, or wiring where limited flexing in operation is encountered.

SIST EN 50306-4:2020

SIST EN 50306-4:2005

2020-06 (po) (en)**30 str. (G)**

Železniške naprave - Kabli v železniških vozilih s posebno požarno odpornostjo - Tanka stena - 4. del:
Večžilni in večparni zaslonjeni in nezaslonjeni oplašeni kabli

*Railway applications - Railway rolling stock cables having special fire performance - Thin wall - Part 4:
Multicore and multipair screened or not screened sheathed cables*

Osnova: EN 50306-4:2020

ICS: 45.060.01, 13.220.40, 29.060.20

EN 50306-4 specifies requirements for, and constructions and dimensions of, multicore and multipair cables rated voltage $U_0/U: 300/500$ V, of the following types:

- unscreened, sheathed for either exposed or protected wiring, 0,5 mm² to 2,5 mm², number of cores from 2 to 48;
- screened, sheathed for either exposed or protected wiring, 0,5 mm² to 2,5 mm², number of cores from 2 to 8;
- unscreened, sheathed for either exposed or protected wiring, 0,5 mm² to 1,5 mm², number of screened pairs of cores from 2 to 7;
- screened, sheathed for either exposed or protected wiring, 0,5 mm² to 1,5 mm², number of unscreened pairs of cores from 2 to 7.

SIST/TC IEMO Električna oprema v medicinski praksi

SIST EN 60601-2-43:2010/A2:2020

2020-06 (po) (en) 20 str. (E)

Medicinska električna oprema - 2-43. del: Posebne zahteve za osnovno varnost in bistvene lastnosti rentgenske opreme za interventne postopke - Dopolnilo A2 (IEC 60601-2-43:2010/A2:2019)

Medical electrical equipment - Part 2-43: Particular requirements for the basic safety and essential performance of X-ray equipment for interventional procedures (IEC 60601-2-43:2010/A2:2019)

Osnova: EN 60601-2-43:2010/A2:2020

ICS: 13.280, 11.040.50

Dopolnilo A2:2020 je dodatek k standardu SIST EN 60601-2-43:2010.

Ta mednarodni standard velja za OSNOVNO VARNOST in BISTVENE LASTNOSTI RENGENTSKE OPREME, za katero PROIZVAJALEC navaja, da je primerna za RADIOSKOPSKO VODENE INTERVENTNE POSTOPKE, v nadaljevanju INTERVENTNE RENGENTSKE OPREME. Njeno področje uporabe izključuje zlasti: - opremo za RADIOTERAPIJO; opremo za RAČUNALNIŠKO TOMOGRAFIJO; - DODATKE, ki so namenjeni vstavitvi v PACIENTA; MAMOGRAFSKO OPREMO; zobno RENGENSKO OPREMO. INTERVENCIJSKA RENGENSKA OPREMA, za katero PROIZVAJALEC navaja, da je primerna za RADIOSKOPSKO VODENE INTERVENCIJSKE POSTOPKE, ki ne vključuje PODPORE PACIENTU kot del sistema, je izvzeta iz določb tega standarda. Če je klavzula ali podklavzula izrecno namenjena samo za uporabo za INTERVENCIJSKO RENGENSKO OPREMO ali samo za ME SISTEME, bosta naslov in vsebina te klavzule ali podklavzule to tudi navedla. V nasprotnem primeru, tako klavzula ali podklavzula veljata za ustrezno INTERVENCIJSKO RENGENSKO OPREMO in ME SISTEME.

SIST EN 60601-2-65:2013/A1:2020

2020-06 (po) (en) 8 str. (B)

Medicinska električna oprema - 2-65. del: Posebne zahteve za osnovno varnost in bistvene lastnosti za intraoralni zobni rentgen - Dopolnilo A1 (IEC 60601-2-65:2012/A1:2017)

Medical electrical equipment - Part 2-65: Particular requirements for the basic safety and essential performance of dental intra-oral X-ray equipment (IEC 60601-2-65:2012/A1:2017)

Osnova: EN 60601-2-65:2013/A1:2020

ICS: 11.060.20, 13.280

Dopolnilo A1:2020 je dodatek k standardu SIST EN 60601-2-65:2013.

Ta mednarodni standard se uporablja za OSNOVNO VARNOST in BISTVENE LASTNOSTI INTRAORALNEGA ZOBNEGA RENTGENA in njegovih glavnih sestavnih delov, v nadaljevanju: MEDICINSKA ELEKTRIČNA OPREMA. Področje uporabe tega standarda je omejeno na OPREMO ZA RENTGEN, kjer SESTAV RENGENTSKE CEVI vsebuje VISOKONAPETOSTNI SESTAV TRANSFORMATORJA. EKSTRAORALNI ZOBNI RENTGENI so izključeni s področja uporabe tega standarda. MEDICINSKA ELEKTRIČNA OPREMA in MEDICINSKI ELEKTRIČNI SISTEMI na področju uporabe standardov IEC 60601-2-63, IEC 60601-2-44, IEC 60601-2-54, IEC 60601-2-45 ali IEC 60601-2-43 so izključeni s področja uporabe tega standarda. Področje uporabe tega mednarodnega standarda izključuje tudi RADIOTERAPEVTSKE SIMULATORJE in opremo za denzitometrijo absorpcije kosti ali tkiva. Ta standard tudi ne vključuje MEDICINSKE ELEKTRIČNE OPREME, ki je namenjena ZOBNI

RADIOSKOPIJI. Na določenem področju uporabe imajo člani tega standarda prednost in nadomeščajo tiste iz standarda IEC 60601-2-7, Medicinska električna oprema – Posebne zahteve za varnost visokonapetostnih generatorjev diagnostičnih rentgenskih generatorjev, in standarda IEC 60601-2-32, Medicinska električna oprema - Posebne zahteve za varnost opreme, ki je povezana z rentgensko opremo. Vse zahteve glede integrirane SESTAVE RENTGENSKIH CEVI so opredeljene v okviru tega standarda. Torej IEC 60601-2-28 ne velja za MEDICINSKO ELEKTRIČNO OPREMO na področju tega mednarodnega standarda.

SIST EN IEC 60580:202 SIST EN 60580:2002

2020-06 (po) (en) 58 str. (H)

Medicinska električna oprema - Merilniki produkta površina-doza (IEC 60580:2019)

Medical electrical equipment - Dose area product meters (IEC 60580:2019)

Osnova: EN IEC 60580:2020

ICS: 17.240, 11.040.50

EN-IEC 60580 specifies the performance and testing of DOSE AREA PRODUCT METERS intended to measure DOSE AREA PRODUCT and/or DOSE AREA PRODUCT RATE to which the PATIENT is exposed during MEDICAL RADIOLOGICAL EXAMINATIONS. This document is applicable to the following types of DOSE AREA PRODUCT METERS: a) FIELD-CLASS DOSE AREA PRODUCT METERS normally used for the measurement of DOSE AREA PRODUCTS during MEDICAL RADIOLOGICAL EXAMINATIONS; b) REFERENCE-CLASS DOSE AREA PRODUCT METERS normally used for the CALIBRATION of FIELDCLASS DOSIMETERS. The object of this document is 1) to establish requirements for a satisfactory level of performance for DOSE AREA PRODUCT METERS, and 2) to standardize the methods for the determination of compliance with this level of performance. Two levels of performance are specified: - a lower level of performance applying to FIELD-CLASS DOSE AREA PRODUCT METERS; - a higher level of performance applying to REFERENCE-CLASS DOSE AREA PRODUCT METERS.

SIST EN IEC 60601-2-31:202

SIST EN 60601-2-31:2008

SIST EN 60601-2-31:2008/A1:2011

2020-06 (po) (en) 57 str. (J)

Medicinska električna oprema - 2-31. del: Posebne zahteve za osnovno varnost in bistvene lastnosti zunanjih srčnih spodbujevalnikov z vgrajenim napajalnim virom (IEC 60601-2-31:2020)

Medical electrical equipment - Part 2-31: Particular requirements for the basic safety and essential performance of external cardiac pacemakers with internal power source (IEC 60601-2-31:2020)

Osnova: EN IEC 60601-2-31:2020

ICS: 11.040.01

EN-IEC 60601-2-31 applies to the BASIC SAFETY and ESSENTIAL PERFORMANCE of EXTERNAL PACEMAKERS powered by an INTERNAL ELECTRICAL POWER SOURCE, hereafter referred to as ME EQUIPMENT. This document applies to PATIENT CABLES as defined in 201.3.209, but does not apply to LEADS as defined in 201.3.206. HAZARDS inherent in the intended physiological function of ME EQUIPMENT within the scope of this document are not covered by specific requirements in this document except in 7.2.13 and 8.4.1 of the general standard. This document does not apply to the implantable parts of ACTIVE IMPLANTABLE MEDICAL DEVICES covered by ISO 14708-1. This document does not apply to EXTERNAL PACEMAKERS which can be connected directly or indirectly to a SUPPLY MAINS. This document does not apply to transthoracic and oesophageal pacing ME EQUIPMENT and antitachycardia ME EQUIPMENT.

SIST EN IEC 60601-2-83:2020**2020-06 (po) (en) 34 str. (H)**

Medicinska električna oprema - 2-83. del: Posebne zahteve za osnovno varnost in bistvene lastnosti opreme za svetlobno terapijo na domu (IEC 60601-2-83:2019)

Medical electrical equipment - Part 2-83: Particular requirements for the basic safety and essential performance of home light therapy equipment (IEC 60601-2-83:2019)

Osnova: EN IEC 60601-2-83:2020

ICS: 11.040.60

EN-IEC 60601-2-83 is applicable to the BASIC SAFETY and ESSENTIAL PERFORMANCE of HOME LIGHT THERAPY EQUIPMENT, intended for use in the HOME HEALTHCARE ENVIRONMENT. HOME LIGHT THERAPY EQUIPMENT is typically used by a LAY OPERATOR. The scope of this document includes all light sources except laser. 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.

SIST EN IEC 80601-2-26:2020

SIST EN 60601-2-26:2015

2020-06 (po) (en) 59 str. (H)

Medicinska električna oprema - 2-26. del: Posebne zahteve za osnovno varnost in bistvene lastnosti elektroencefalografov (IEC 80601-2-26:2019)

Medical electrical equipment - Part 2-26: Particular requirements for the basic safety and essential performance of electroencephalographs (IEC 80601-2-26:2019)

Osnova: EN IEC 80601-2-26:2020

ICS: 11.040.55

IEC 80601-2-26 applies to the BASIC SAFETY and ESSENTIAL PERFORMANCE of ELECTROENCEPHALOGRAPHS as defined in 201.3.204, hereafter also referred to as ME EQUIPMENT or ME SYSTEM. This document is applicable to ELECTROENCEPHALOGRAPHS intended for use in professional healthcare facilities, the EMERGENCY MEDICAL SERVICES ENVIRONMENT or the HOME HEALTHCARE ENVIRONMENT. This document does not cover requirements for other equipment used in electroencephalography such as: - phono-photoc stimulators; - EEG data storage and retrieval; - ME EQUIPMENT particularly intended for monitoring during electroconvulsive therapy. If a clause or subclause is specifically intended to be applicable to ME EQUIPMENT only, or to ME SYSTEMS only, the title or 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 follows. The clause or subclause applies to ME EQUIPMENT, as default. For ME EQUIPMENT with the corresponding safety measure or function not completely integrated into the ME EQUIPMENT but instead implemented in an ME SYSTEM, the ME EQUIPMENT MANUFACTURER specifies in the ACCOMPANYING DOCUMENTS which functionality and safety requirements are provided by the ME SYSTEM to comply with this document. The ME SYSTEM is verified accordingly. 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.

SIST EN IEC 80601-2-60:2020

SIST EN 80601-2-60:2015

2020-06 (po) (en) 45 str. (I)

Medicinska električna oprema - 2-60. del: Posebne zahteve za osnovno varnost in bistvene lastnosti zobozdravstvene opreme (IEC 80601-2-60:2019)

Medical electrical equipment - Part 2-60: Particular requirements for the basic safety and essential performance of dental equipment (IEC 80601-2-60:2019)

Osnova: EN IEC 80601-2-60:2020

ICS: 11.060.20

EN-IEC 80601-2-60 applies to the BASIC SAFETY and ESSENTIAL PERFORMANCE OF DENTAL UNITS, DENTAL PATIENT CHAIRS, DENTAL HANDPIECES AND DENTAL OPERATING LIGHTS,

hereafter referred to as DENTAL EQUIPMENT. 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 7.2.13 and 8.4.1 of the general standard.

SIST/TC IESV Električne svetilke

SIST EN 60598-2-22:2015/A1:2020

2020-06 (po) (en) 12 str. (C)

Svetilke - 2-22. del: Posebne zahteve - Svetilke za zasilno razsvetljavo - Dopolnilo A1 (IEC 60598-2-22:2014/A1:2017)

Luminaires - Part 2-22: Particular requirements - Luminaires for emergency lighting (IEC 60598-2-22:2014/A1:2017)

Osnova: EN 60598-2-22:2014/A1:2020

ICS: 91.160.10, 29.140.40

Dopolnilo A1:2020 je dodatek k standardu SIST EN 60598-2-22:2015.

Ta del standarda IEC 60598 določa zahteve za svetilke za zasilno razsvetljavo za uporabo z zasilnimi napajalnimi sistemi, ki ne presegajo napetosti 1000 V. Ta del ne zajema učinkov zmanjšanja napetosti v primerih, ki niso nujni, na visokotlačne razelektrilne svetilke. Ta del določa splošne zahteve za opremo za zasilno razsvetljavo. V tem delu se še vedno uporablja izraz »svetilka«, ki zajema tudi »vir(e) svetlobe«, kjer je to ustrezno.

SIST EN IEC 62031:2020

SIST EN 62031:2008

SIST EN 62031:2008/A1:2015

SIST EN 62031:2008/A2:2015

2020-06 (po) (en) 26 str. (F)

Moduli LED za splošno razsvetljavo - Varnostne specifikacije (IEC 62031:2018)

LED modules for general lighting - Safety specifications (IEC 62031:2018)

Osnova: EN IEC 62031:2020

ICS: 29.140.99

EN-IEC 62031 specifies general and safety requirements for light-emitting diode (LED) modules: • non-integrated LED modules (LEDni modules) and semi-integrated LED modules (LEDsi modules) for operation under constant voltage, constant current or constant power; • Integrated LED modules (LEDi modules) for use on DC supplies up to 250 V or AC supplies up to 1 000 V at 50 Hz or 60 Hz. LED modules within the scope of this document can be integral, built-in or independent. This document is not applicable for LED lamps.

SIST/TC IFEK Železne kovine

SIST EN 10139:2016+A1:2020

SIST EN 10139:2016

SIST EN 10139:2016/oprA1:2018

2020-06 (po) (en;fr;de) 14 str. (D)

Hladno valjani ozki trakovi iz maloogljičnega (mehkega) jekla za preoblikovanje v hladnem - Tehnični dobavni pogoji

Cold rolled uncoated low carbon steel narrow strip for cold forming - Technical delivery conditions

Osnova: EN 10139:2016+A1:2020

ICS: 77.140.50

1.1 This European Standard applies to cold rolled narrow strip in coils and cut lengths in thicknesses up to 10 mm and of widths less than 600 mm, made from low carbon, unalloyed and alloyed steels in accordance with Table 1.

These products are suitable for cold forming. They are also suitable for surface coating. On the other hand, they are not suitable for hardening treatment followed by tempering.

1.2 This European Standard does not cover cold rolled flat products for which a separate standard already exists, particularly the following products:

- cold rolled non-oriented electrical steel sheet and strip delivered in the fully processed state (EN 10106);
- grain-oriented electrical steel sheet and strip delivered in the fully processed state (EN 10107);
- cold rolled electrical non-alloy and alloy steel sheet and strip delivered in the semi-processed state (EN 10341);
- cold rolled narrow steel strip for heat treatment (EN 10132 1 to -4);
- cold rolled steel flat products with higher yield strength for cold forming (EN 10268);
- cold rolled low carbon steel flat products for cold forming (EN 10130);
- cold reduced blackplate in coil form for the production of tinplate or electrolytic chromium/chromium oxide coated steel (EN 10205);
- cold rolled low carbon steel flat products for vitreous enamelling (EN 10209).

SIST EN ISO 21809-3:2016/A1:2020

2020-06 (po) (en;fr;de) 11 str. (C)

Naftna industrija in industrija zemeljskega plina - Zunanje prevleke za cevovode, zakopane v zemljo ali potopljene v vodo, v transportnih cevovodnih sistemih - 3. del: Prevleke cevovodnih spojev - Dopolnilo A1: Uvedba z mrežo utrjenih sistemov prevlek (ISO 21809-3:2016/Amd 1:2020)

Petroleum and natural gas industries - External coatings for buried or submerged pipelines used in pipeline transportation systems - Part 3: Field joint coatings - Amendment 1: Introduction of mesh-backed coating systems (ISO 21809-3:2016/Amd 1:2020)

Osnova: EN ISO 21809-3:2016/A1:2020

ICS: 25.220.99, 75.200

Dopolnilo A1:2020 je dodatek k standardu SIST EN ISO 21809-3:2016.

Ta del standarda ISO 21809 določa zahteve za prevleke spojev brezšivnih in varjenih jeklenih cevi v sistemih cevovodnega transporta v industriji nafte in zemeljskega plina, kot je opredeljeno v standardu ISO 15625. Ta del standarda ISO 21809 določa kvalifikacijo, uporabo in preskušanje protikorozijske prevleke na jeklenih površinah, ki ostanejo izpostavljene, ko se cevi in fittingi (komponente) spojijo z varjenjem.

Ta del standarda ISO 21809 ne obravnava dodatne mehanske zaščite, toplotne izolacije ali polnil spojev za prevlečene betonske cevi.

Ta del standarda ISO 21809 opredeljuje in kodificira različne vrste prevlek spojev za cevovode, zakopane v zemljo ali potopljene v vodo, kot je prikazano v preglednici 1.

OPOMBA: Cevi, ki so prevlečene v skladu s tem delom standarda ISO 21809, so predvidoma ustrezne za dodatno katodno zaščito.

SIST/TC IHPV Hidravlika in pnevmatika

SIST EN 16767:2020

SIST EN 16767:2016

2020-06 (po) (en;fr;de) 17 str. (E)

Industrijski ventili - Kovinski protipovratni ventili

Industrial valves - Metallic check valves

Osnova: EN 16767:2020

ICS: 23.060.50

This document specifies the general requirements for metallic check valves, which are forged, cast or fabricated in straight, angle or oblique pattern (see EN 736-2) with end connections flanged or wafer, butt welding, socket welding, or threaded.

This document applies to metallic check valves used for all industrial applications.

Additional requirements given in the relevant application standards may apply to check valves used for more specific applications (e.g. for the water industry, the chemical and petrochemical process industry, the gas distribution industry).

Sanitary check valves and back flow prevention anti-pollution check valves are excluded from the scope of this document.

The range of nominal sizes covered is:

- DN 8, DN 10; DN 12, DN 15; DN 20; DN 25; DN 32; DN 40; DN 50; DN 65; DN 80; DN 100; DN 125; DN 150; DN 200; DN 250; DN 300; DN 350; DN 400; DN 450; DN 500; DN 600; DN 700; DN 750; DN 800; DN 900; DN 1 000; DN 1 200.

DN 8 and DN 12 are not used for PN designated flanged end connections.

DN 8, DN 10 and DN 12 are not used for Class designated flanged end connections.

DN 750 is used for Class designated check valves only.

Socket welding end check valves and threaded end check valves are limited to the range DN 8 to DN 65.

The range of pressure designations covered is:

a) for flanged end and wafer type end cast iron bodies:

- PN 2,5; PN 6; PN 10; PN 16; PN 25;

- Class 125; Class 250;

b) for flanged end, wafer type and butt welding end bodies in steel or copper alloy materials:

- PN 2,5; PN 6; PN 10; PN 16; PN 25; PN 40; PN 63; PN 100; PN 160; PN 250; PN 320; PN 400;

- Class 150; Class 300; Class 600; Class 900 ; Class 1 500; Class 2 500;

c) for socket welding end and threaded end bodies in steel or copper alloy materials:

- PN 40; PN 63; PN 100;

- Class 600; Class 800.

NOTE Class 800 is a widely used Class designation for socket welding and threaded end check valves.

The correspondence between DN and NPS is given for information in Annex B.

SIST/TC IMKG Mehanizacija za kmetijstvo in gozdarstvo

SIST EN 13525:2020

SIST EN 13525:2005+A2:2010

2020-06 (po) (en;fr;de)

74 str. (L)

Gozdarski stroji - Sekalniki - Varnost

Forestry machinery - Wood chippers - Safety

Osnova: EN 13525:2020

ICS: 65.060.80

This document specifies safety requirements and their verification for design and construction of transportable, i.e. self-propelled, mounted, semi-mounted and trailed, wood chippers used in forestry, agriculture, horticulture and landscaping.

This document applies to chippers, used when stationary, which are manually loaded with wood through a horizontal or near horizontal infeed chute and where the infeed action is performed by the chipping components acting as infeed components and by separate integrated infeed components such as rollers or chain conveyors integral to the infeed chute.

The included wood chippers may be designed either for continuous working (loading, feeding and chipping) or for batch-wise operation of loading.

The included wood chippers may be powered either by an external power take-off, hydraulics etc. or by an integral power source such as an internal combustion engine.

SIST/TC INEK Neželezne kovine

SIST EN 1676:2020

SIST EN 1676:2010

2020-06 (po) (en;fr;de) 17 str. (E)

Aluminij in aluminijeve zlitine - Legirani bloki za pretaljevanje - Specifikacije

Aluminium and aluminium alloys - Alloyed ingots for remelting - Specifications

Osnova: EN 1676:2020

ICS: 77.150.10

This European Standard defines the requirements for grades of alloyed aluminium ingots intended for remelting.

It specifies the classifications and designations applicable to these grades, the conditions in which they are produced, their properties and the marks by which they are identified.

SIST EN 1706:2020

SIST EN 1706:2010

2020-06 (po) (en;fr;de) 36 str. (H)

Aluminij in aluminijeve zlitine - Ulitki - Kemična sestava in mehanske lastnosti

Aluminium and aluminium alloys - Castings - Chemical composition and mechanical properties

Osnova: EN 1706:2020

ICS: 77.150.10

This document specifies the chemical composition limits for aluminium casting alloys and mechanical properties of separately cast test pieces for these alloys.

Annex C is included as a guide to the selection of alloys for a specific use or process.

This document is intended to be used in conjunction with EN 576, EN 1559 1, EN 1559 4, EN 1676 and EN ISO 8062 3.

SIST/TC IPMA Polimerni materiali in izdelki

SIST EN 17533-1:2020

2020-06 (po) (en;fr;de) 20 str. (E)

Karakterizacija enokomponentnih pen - 1. del: Značilnosti izkoristka pene

Characterization of One Component Foam - Part 1: Foam yield characteristics

Osnova: EN 17533-1:2020

ICS: 85.180

This document specifies test methods for the evaluation of the yield characteristics properties for moisture curing, self-curing or water drying foams dispensed from single pressurized containers.

This document does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory requirements prior to use.

The following test methods are described:

- determination of the apparent density of an OCF extruded in a joint and calculation of the theoretical foam volume (yield) in running meters of the whole can;
- determination of the total foam volume for the whole OCF container;
- determination of the real volume of cured foam, respecting eventual cavities inside the foam structure;
- determination of the density of a cured OCF for identification purposes only.

SIST EN 17333-2:2020**2020-06 (po) (en;fr;de) 22 str. (F)**

Karakterizacija enokomponentnih pen - 2. del: Razširitvene značilnosti

Characterisation of one component foam - Part 2: Expansion characteristics

Osnova: EN 17333-2:2020

ICS: 83.180

This document specifies test methods for the evaluation of the expansion properties for moisture curing, self-curing or water drying foams dispensed from single pressurized containers.

This document does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory requirements prior to use.

The following test methods are described:

- Dimensional Stability: This test method describes how to determine the dimensional stability (shrinkage or expansion) of cured foam under typical and extreme conditions.
- Curing Pressure: This method describes how to determine the generation of pressure during the curing process of an OCF.
- Post Expansion: This method describes how to measure the expansion of a freshly dispensed liquid foam (froth) during the curing phase.

SIST EN 17333-3:2020**2020-06 (po) (en;fr;de) 15 str. (D)**

Karakterizacija enokomponentnih pen - 3. del: Uporaba

Characterization of One Component Foam - Part 3: Application

Osnova: EN 17333-3:2020

ICS: 83.180

This document specifies test methods for the evaluation of the application properties for moisture curing, self-curing or water drying foams dispensed from single pressurized containers used as an insulating air sealant and adhesive for both building and non-building applications.

This document does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory requirements prior to use.

- The following test methods are described: Cutting Time: This test method describes how to determine the hardening time of a freshly foamed OCF (froth) until it can be cut.
- Tack Free Time: This test method describes how to determine the tack free time of a freshly foamed OCF.
- Sagging Behaviour: This test method describes how to evaluate the sagging behaviour and determine the biggest joint possible before a liquid OCF (froth) slips off.

SIST EN 17333-4:2020**2020-06 (po) (en;fr;de) 28 str. (G)**

Karakterizacija enokomponentnih pen - 4. del: Mehanska trdnost

Characterization of One Component Foam - Part 4: Mechanical strength

Osnova: EN 17333-4:2020

ICS: 83.180

This document specifies test methods for the evaluation of the mechanical properties for moisture curing, self-curing or water drying foams dispensed from single pressurized containers used as an insulating air sealant and adhesive for both building and non-building applications.

This document does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory requirements prior to use.

The following test methods are described:

- Compression strength: This test method describes how to determine the compressive strength of a cured foam. It gives an indication of the foams resistance against area distributed pressure. The maximum endurable stress is determined.
- Movement capability: This test method describes how to determine the movement capability of cured foam. The result gives an indication of the degree of flexibility of the cured foam.
- Bonding strength: The method displays the measurement of the bonding power of a One Component (Foam) Adhesive, dispensed from a pressurized can, between two substrates with direct contact.
- Tensile strength: This test method describes how to determine the maximum stress a cured foam can withstand while being stretched before breaking. The result gives an indication of the elasticity of the cured foam.
- Shear strength: This method displays the behavior of a foam system towards shear forces. It shows the strength and the bonding power of the foam as the sandwich element between wooden plates. The test is conducted according to EN 12090.

SIST EN 17353-5:2020

2020-06 (po) (en;fr;de) 9 str. (C)

Karakterizacija enokomponentnih pen - 5. del: Izolacija
Characterization of One Component Foam - Part 5: Insulation

Osnova: EN 17353-5:2020

ICS: 83.180

This document specifies test methods for the evaluation of the insulation properties for moisture curing, self-curing or water drying foams dispensed from single pressurized containers used as an insulating air sealant and adhesive for both building and non-building applications.

This document does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory requirements prior to use.

The following test method is described:

- Thermal conductivity: This method describes how to determine the long term thermal conductivity of a cured OCF foam, dispensed from a pressurized can, with a sample subjected to accelerated ageing procedure.

SIST EN ISO 11357-2:2020

SIST EN ISO 11357-2:2014

2020-06 (po) (en;fr;de) 16 str. (D)

Polimerni materiali - Diferenčna dinamična kalorimetrija (DSC) - 2. del: Ugotavljanje točke posteklenitve in višine prehoda (ISO 11357-2:2020)

Plastics - Differential scanning calorimetry (DSC) - Part 2: Determination of glass transition temperature and step height (ISO 11357-2:2020)

Osnova: EN ISO 11357-2:2020

ICS: 17.200.10, 83.080.01

EN-ISO 11357-2 specifies methods for the determination of the glass transition temperature and the step height related to the glass transition of amorphous and partially crystalline plastics.

SIST EN ISO 17178:2020

SIST EN 14293:2006

2020-06 (po) (en;fr;de) 17 str. (E)

Lepila - Lepila za lepljenje parketa na podlago - Preskusne metode in minimalne zahteve (ISO 17178:2013)

Adhesives - Adhesives for bonding parquet to subfloor - Test methods and minimum requirements (ISO 17178:2013)

Osnova: EN ISO 17178:2020

ICS: 83.180

ISO 17178:2013 specifies test methods for adhesives for bonding parquet and similar wood floorings to a subfloor. It also specifies the minimum requirements for shear strength, tensile strength to be achieved with these adhesives.

ISO 17178:2013 does not refer to the selection and installation of parquet floorings.

SIST EN ISO 19064-2:2020

SIST EN ISO 4894-2:2000

2020-06 (po) (en;fr;de) 15 str. (D)

Polimerni materiali - Materiali na osnovi stiren-akrilonitrila (SAN) za oblikovanje in ekstrudiranje - 2. del: Priprava preskušancev in ugotavljanje lastnosti (ISO 19064-2:2020)

Plastics - Styrene-acrylonitrile (SAN) moulding and extrusion materials - Part 2: Preparation of test specimens and determination of properties (ISO 19064-2:2020)

Osnova: EN ISO 19064-2:2020

ICS: 85.080.20

EN-ISO 19064-2 specifies the methods of preparation of test specimens and the test methods to be used in determining the properties of styrene-acrylonitrile (SAN) moulding and extrusion materials. It gives the requirements for handling the test material and for conditioning both the test material before moulding and the specimens before testing. This document gives procedures and conditions for the preparation of test specimens and procedures for measuring properties of the materials from which these specimens are made. It lists properties and test methods which are suitable and necessary to characterize SAN moulding and extrusion materials. The properties have been selected from the general test methods in ISO 10350-1. Other test methods in wide use for, or of particular significance to, these moulding and extrusion materials are also included in this document, as are the designatory properties specified in ISO 19064-1. The methods of specimen preparation and conditioning, the specimen dimensions and the test procedures specified in this document are used in order to obtain reproducible and comparable test results. Values determined are not always identical to those obtained using specimens of different dimensions or prepared using different procedures.

SIST EN ISO 19066-2:2020

SIST EN ISO 10366-2:2004

2020-06 (po) (en;fr;de) 15 str. (D)

Polimerni materiali - Materiali na osnovi metilmetakrilat-akrilonitril-butadien-stirena (MABS) za oblikovanje in ekstrudiranje - 2. del: Priprava preskušancev in ugotavljanje lastnosti (ISO 19066-2:2020)

Plastics - Methyl methacrylate-acrylonitrile-butadiene-styrene (MABS) moulding and extrusion materials - Part 2: Preparation of test specimens and determination of properties (ISO 19066-2:2020)

Osnova: EN ISO 19066-2:2020

ICS: 83.080.20

EN-ISO 10366-2 specifies the methods of preparation of test specimens and the test methods to be used in determining the properties of methyl methacrylate-acrylonitrile-butadiene-styrene (MABS) moulding and extrusion materials. It gives the requirements for handling the test material and for conditioning both the test material before moulding and the specimens before testing. This document gives procedures and conditions for the preparation of test specimens and procedures for measuring properties of the materials from which these specimens are made. It lists properties and test methods which are suitable and necessary to characterize MABS moulding and extrusion materials. The properties have been selected from the general test methods in ISO 10350-1. Other test methods in wide use for, or of particular significance to, these moulding and extrusion materials are also included in this document, as are the designatory properties specified in ISO 19066-1. The methods of specimen preparation and conditioning, the specimen dimensions and the test procedures specified in this document are used in order to obtain reproducible and comparable test results. Values determined are not always identical to those obtained using specimens of different dimensions or prepared using different procedures.

SIST EN ISO 23153-1:2020**2020-06 (po) (en;fr;de) 16 str. (D)**

Polimerni materiali - Materiali na osnovi polietereeterketona (PEEK) za oblikovanje in ekstrudiranje - 1. del: Sistem označevanja in podlage za specifikacije (ISO 23153-1:2020)

Plastics - Polyetheretherketone (PEEK) moulding and extrusion materials - Part 1: Designation system and basis for specifications (ISO 23153-1:2020)

Osnova: EN ISO 23153-1:2020

ICS: 83.080.20

1.1 This part of ISO xxxxx establishes a system of designation for polyetheretherketone (PEEK) moulding and extrusion materials which may be used as the basis for specifications. Polyetheretherketone polymer chains are composed of phenylene rings linked in (1,4) position by a sequence of two ether groups followed by one ketone group.

1.2 The grades of PEEK plastics are differentiated from each other by a classification system based on appropriate levels of the designatory properties

a) melt viscosity or melt volume-flow rate, b) tensile modulus, c) tensile strength

and on information about the intended application and/or method of processing, important properties, additives, colorants, fillers and reinforcing materials.

1.3 The designation system is applicable to all polyetheretherketones.

It applies to materials ready for normal use in the form of powder, granules or pellets, unmodified or modified by colourants, fillers, reinforcements or other additives.

1.4 It is not intended to imply that materials having the same designation give necessarily the same performance. This part of ISO xxxxx does not provide engineering data, performance data or data on processing conditions which may be required to specify a material for a particular application and/or method of processing. If such additional properties are required, they shall be determined in accordance with the test methods specified in ISO xxxxx-2, if suitable.

1.5 In order to specify a thermoplastic material for a particular application or to ensure reproducible processing, additional requirements may be given in data block 5.

SIST EN ISO 75-1:2020

SIST EN ISO 75-1:2015

2020-06 (po) (en;fr;de) 17 str. (E)

Polimerni materiali - Ugotavljanje temperature upogiba pod obremenitvijo - 1. del: Splošna preskusna metoda (ISO 75-1:2020)

Plastics - Determination of temperature of deflection under load - Part 1: General test method (ISO 75-1:2020)

Osnova: EN ISO 75-1:2020

ICS: 83.080.01

EN-ISO 75-1 gives a general test method for the determination of the temperature of deflection under load (flexural stress under three-point loading) of plastics. Different types of test specimen and different constant loads are defined to suit different types of material. ISO 75-2 gives specific requirements for plastics (including filled plastics and fibre-reinforced plastics in which the fibre length, prior to processing, is up to 7,5 mm) and ebonite, while ISO 75-3 gives specific requirements for high-strength thermosetting laminates and long-fibre-reinforced plastics in which the fibre length, prior to processing, is greater than 7,5 mm. The methods specified are suitable for assessing the relative behaviour of different types of material at elevated temperature under load at a specified rate of temperature increase. The results obtained do not necessarily represent maximum applicable temperatures because, in practice, essential factors, such as time, loading conditions and nominal surface stress, can differ from the test conditions. True comparability of data can only be achieved for materials having the same room-temperature flexural modulus. The methods specify preferred dimensions for the test specimens. Data obtained using the test methods described are not intended to be used to predict actual end-use performance. The data are not intended for design analysis or prediction of the endurance of materials at elevated temperatures. This method is commonly known as the heat deflection temperature or heat distortion temperature (HDT) test, although there is no official document using this designation.

SIST/TC ISCB Sekundarne celice in baterije

SIST EN IEC 63115-1:2020

2020-06 (po) (en) 31 str. (G)

Sekundarni člani in baterije z alkalnimi ali drugimi nekislinskimi elektroliti - Zatesnjeni nikelj-kovinski hidridni člani in baterije za industrijsko uporabo - 1. del: Zmogljivost

Secondary cells and batteries containing alkaline or other non-acid electrolytes - Sealed nickel-metal hydride cells and batteries for use in industrial applications - Part 1: Performance

Osnova: EN IEC 63115-1:2020

ICS: 29.220.30

EN-IEC 63115-1 specifies the marking, designation, tests and requirements for sealed nickel metal hydride cells and batteries used in industrial applications, including stationary applications. When an IEC International Standard specifying test conditions and requirements for cells used in special applications is in conflict with this document, the former takes precedence (e.g. IEC 62675). The following are some examples of applications that utilize the cells and batteries falling under the scope of this document. - Stationary applications: telecom, uninterruptible power supplies (UPS), electrical energy storage system, utility switching, emergency power and similar applications. - Motive applications: fork-lift truck, golf cart, AGV (Automatic Guided Vehicle), railway, and marine, excluding road vehicles. Since this document covers batteries for various industrial applications, it includes those requirements that are common and minimum to the various applications. This document applies to cells and batteries. If the battery is divided into smaller units, the smaller unit can be tested as representative of the battery. The manufacturer clearly declares the tested unit. The manufacturer can add functions to the tested unit that are present in the final battery.

SIST/TC ISEL Strojni elementi

SIST EN ISO 21204:2020

2020-06 (po) (en;fr;de) 61 str. (K)

Specifikacije geometrijskih veličin izdelka (GPS) - Specifikacija prehoda (ISO 21204:2020)

Geometrical product specifications (GPS) - Transition specification (ISO 21204:2020)

Osnova: EN ISO 21204:2020

ICS: 17.040.40

A transition is an areal feature connecting two adjacent features, for which the intersection is a line. The transition includes portions of the adjacent features. This document defines a number of specification operators for the specification of defined transitions. These specifications all apply to any line in a defined direction in the transition feature. It also defines the specification modifiers and the drawing indications for such transition specifications.

The proportions and dimensions of the graphical symbols to be used are also specified.

This document provides a set of tools to express several defined transition specifications. It does not present any information on the relationship between a function or a use and a defined transition specification.

SIST/TC ISTM Statistične metode

SIST ISO 5725-2:2020

SIST ISO 5725-2:2005
SIST ISO 5725-2:2005/C1:2005

2020-06 (po) (en;fr) 75 str. (L)

Točnost (pravilnost in natančnost) merilnih metod in rezultatov - 2. del: Temeljna metoda določevanja ponovljivosti in obnovljivosti standardne merilne metode

Accuracy (trueness and precision) of measurement methods and results - Part 2: Basic method for the determination of repeatability and reproducibility of a standard measurement method

Osnova: ISO 5725-2:2019

ICS: 17.020, 03.120.30

1.1 This document

- amplifies the general principles for designing experiments for the numerical estimation of the precision of measurement methods by means of a collaborative interlaboratory experiment;
- provides a detailed practical description of the basic method for routine use in estimating the precision of measurement methods;
- provides guidance to all personnel concerned with designing, performing or analysing the results of the tests for estimating precision.

NOTE Modifications to this basic method for particular purposes are given in other parts of ISO 5725.

1.2 It is concerned exclusively with measurement methods which yield measurements on a continuous scale and give a single value as the test result, although this single value can be the outcome of a calculation from a set of observations.

1.3 It assumes that in the design and performance of the precision experiment, all the principles as laid down in ISO 5725-1 are observed. The basic method uses the same number of test results in each laboratory, with each laboratory analysing the same levels of test sample; i.e. a balanced uniform-level experiment. The basic method applies to procedures that have been standardized and are in regular use in a number of laboratories.

1.4 The statistical model of ISO 5725-1:1994, Clause 5, is accepted as a suitable basis for the interpretation and analysis of the test results, the distribution of which is approximately normal.

1.5 The basic method, as described in this document, (usually) estimates the precision of a measurement method:

- a) when it is required to determine the repeatability and reproducibility standard deviations as defined in ISO 5725-1;
- b) when the materials to be used are homogeneous, or when the effects of heterogeneity can be included in the precision values; and
- c) when the use of a balanced uniform-level layout is acceptable.

1.6 The same approach can be used to make a preliminary estimate of precision for measurement methods which have not reached standardization or are not in routine use.

SIST ISO 5725-4:2020

SIST ISO 5725-4:2005

2020-06 (po) (en;fr) 31 str. (G)

Točnost (pravilnost in natančnost) merilnih metod in rezultatov - 4. del: Temeljne metode določevanja pravilnosti standardne merilne metode

Accuracy (trueness and precision) of measurement methods and results – Part 4: Basic methods for the determination of the trueness of a standard measurement method

Osnova: ISO 5725-4:2020

ICS: 17.020, 03.120.30

1.1 This document

- specifies basic methods for estimating the bias of a measurement method and the laboratory bias when a measurement method is applied;
- provides a practical approach of a basic method for routine use in estimating the bias of measurement methods and laboratory bias;

– provides a brief guidance to all personnel concerned with designing, performing or analysing the results of the measurements for estimating bias.

1.2 It is concerned exclusively with measurement methods which yield measurements on a continuous scale and give a single value as the measurement result, although the single value can be the outcome of a calculation from a set of observations.

1.3 This document applies when the measurement method has been standardized and all measurements are carried out according to that measurement method.

NOTE In ISO/IEC Guide 99:2007(VIM), "measurement procedure" (2.6) is an analogous term related to the term "measurement method" used in this document.

1.4 This document applies only if an accepted reference value can be established to substitute the true value by using the value, for example:

- of a suitable reference material;
- of a suitable measurement standard;
- referring to a suitable measurement method;
- of a suitable prepared known sample.

1.5 This document applies only to the cases where it is sufficient to estimate bias on one property at a time. It is not applicable if the bias in the measurement of one property is affected by the level of any other property (i.e. it does not consider interferences by any influencing quantity). Comparison of the trueness of two-measurement methods is considered in ISO 5725-6.

SIST/TC ITC Informacijska tehnologija

SIST EN ISO 11073-20701:2020

2020-06 (po) (en;fr;de) 50 str. (I)

Zdravstvena informatika - Interoperabilnost naprav - 20701. del: Komunikacija medicinskih naprav na mestu oskrbe - Storitveno usmerjena arhitektura in protokol za komunikacijo z medicinskimi napravami (ISO/IEEE 11073-20701:2020)

Health informatics - Device interoperability - Part 20701: Point-of-care medical device communication - Service oriented medical device exchange architecture and protocol binding (ISO/IEEE 11073-20701:2020)

Osnova: EN ISO 11073-20701:2020

ICS: 35.240.80

The scope of this standard is a service-oriented medical device architecture and communication protocol specification for distributed system of Point-of-Care (PoC) medical devices and medical IT systems that need to exchange data or safely control networked PoC medical devices. It identifies the functional components, their communication relationships as well as the binding of the components and communication relationships to protocol specifications.

SIST EN ISO 14906:2019/A1:2020

2020-06 (po) (en;fr;de) 10 str. (C)

Elektronsko pobiranje pristojbin - Definicija aplikacijskega vmesnika za posebne komunikacije kratkega dosega - Dopolnilo A1 (ISO 14906:2018/Amd 1:2020)

Electronic fee collection - Application interface definition for dedicated short-range communication - Amendment 1 (ISO 14906:2018/Amd 1:2020)

Osnova: EN ISO 14906:2018/A1:2020

ICS: 03.220.20, 35.240.60

Dopolnilo A1:2020 je dodatek k standardu SIST EN ISO 14906:2019.

Aplikacijski vmesnik za elektronsko pobiranje pristojbin (EFC) je aplikacijski postopkovni vmesnik za elektronsko pobiranje pristojbin za aplikacijsko plast DSRC, kot je razvidno na sliki 1 spodaj. Ta dokument zajema specifikacije za:

– attribute elektronskega pobiranja pristojbin (tj. informacije sistema elektronskega pobiranja cestnin), ki jih je mogoče uporabiti tudi za druge aplikacije, in/ali vmesnike,

- obravnavane postopke atributov sistema elektronskega pobiranja cestnin in sestavnih delov (strojne opreme) (npr. kartice z integriranim vezjem (ICC) in vmesniki človek-stroj (MMI)),
- funkcije sistema elektronskega pobiranja pristojbin, tj. nadaljnja kvalifikacija dejanj z definicijami obravnavanih storitev,
- dodelitev povezanih vrednosti »ActionType« ter vsebina in pomen parametrov dejanj,
- model transakcije elektronskega pobiranja pristojbin, ki določa skupne elemente in korake katere koli transakcije elektronskega pobiranja pristojbin,
- delovanje vmesnika za zagotavljanje interoperabilnosti na ravni aplikacijskega vmesnika za EFC-DSRC.

To je vmesniški standard, ki se ravna po načelu povezanih odprtih sistemov (OSI) (glej ISO/IEC 7498-1) in kot tak ni primarno povezan z načini izvajanja, ki jih je treba udejanjiti na obeh straneh vmesnika.

Ta dokument zagotavlja varnostno specifično funkcijo označbe mesta (podatki in funkcije), kar omogoča izvajanje varnih transakcij elektronskega pobiranja pristojbin. Vendar pa specifikacija varnostne politike (vključno s posebnimi varnostnimi algoritmi in upravljanjem ključev) ostaja v presoji in pod nadzorom upravljavca elektronskega pobiranja pristojbin in zato ne spada na področje uporabe tega dokumenta.

SIST-TS CEN/TS 16614-3:2020

SIST-TS CEN/TS 16614-3:2016

2020-06 (po) (en;fr;de) 622 str. (2E)

Javni prevoz - Izmenjava omrežnih in voznorednih podatkov (NeTEx) - 3. del: Format za izmenjavo informacij o vozovnicah

Public transport - Network and Timetable Exchange (NeTEx) - Part 3: Public transport fares exchange format

Osnova: CEN/TS 16614-3:2020

ICS: 35.240.60

1.1 General

NeTEx is dedicated to the exchange of scheduled data (network, timetable and fare information). It is based on Transmodel V5.1 (EN 12986), IFOPT (EN 28701) and SIRI (CEN/TS 15531-4/5 and EN 15531-1/2/3) and supports the exchange of information of relevance for passenger information about public transport services and also for running Automated Vehicle Monitoring Systems (AVMS).

NOTE NeTEx is a refinement and an implementation of Transmodel and IFOPT; the definitions and explanations of these concepts are extracted directly from the respective standard and reused in NeTEx, sometimes with adaptations in order to fit the NeTEx context. Although the data exchanges targeted by NeTEx are predominantly oriented towards provisioning passenger information systems and AVMS with data from transit scheduling systems, it is not restricted to this purpose and NeTEx can also provide an effective solution to many other use cases for transport data exchange.

1.2 Fares scope

This Part3 of NeTEx, is specifically concerned with the exchange of fare structures and fare data, using data models that relate to the underlying network and timetable models defined in Part1 and Part2 and the Fare Collection data model defined in Transmodel V51. See the use cases below for the overall scope of Part3. In summary, it is concerned with data for the following purposes:

(i) To describe the many various possible fare structures that arise in public transport (for example, flat fares, zonal fares, time dependent fares, distance-based fares, stage fares, pay as you go fares, season passes, etc., etc.).

(ii) To describe the fare products that may be purchased having these fare structures and to describe the conditions that may attach to particular fares, for example if restricted to specific groups of users, or subject to temporal restrictions. These conditions may be complex.

(i) To allow actual price data to be exchanged. Note however that NeTEx does not itself specify pricing algorithms or how fares should be calculated. This is the concern of Fare Management Systems. It may be used may be used to exchange various parameters required for pricing calculations that are needed to explain or justify a fare.

(iii) To include the attributes and the text descriptions necessary to present fares and their conditions of sale and use to the public.

NeTEx should be regarded as being ‘upstream’ of retail systems and allows fare data to be managed and integrated with journey planning and network data in public facing information systems. It is complementary to and distinct from the ‘downstream’ ticketing and retail systems that sell fares and of the control systems that validate their use. See ‘Excluded Use Cases’ below for further information on the boundaries of NeTEx with Fare Management Systems.

1.3 Transport modes

All mass public transport modes are taken into account by NeTEx, including train, bus, coach, metro, tramway, ferry, and their submodes. It is possible to describe airports, air journeys, and air fares, but there has not been any specific consideration of any additional requirements that apply specifically to air transport.

SIST-TS CEN/TS 16614-4:2020

2020-06 (po) (en;fr;de) 177 str. (R)

Javni prevoz - Izmenjava omrežnih in voznorednih podatkov (NeTEx) - 4. del: Evropski profil za informacije o potnikih

Public transport - Network and Timetable Exchange (NeTEx) - Part 4: Passenger Information European Profile

Osnova: CEN/TS 16614-4:2020

ICS: 35.240.60

This technical specification is a profile of CEN/TS 16614 series. It focuses on information relevant to feed passenger information services and excludes operational and fares information.

NeTEx is dedicated to the exchange of scheduled data (network, timetable and fare information) based on Transmodel V6 (EN 12986) and SIRI (CEN/TS 15531-4/5 and EN 15531-1/2/3) and supports information exchange of relevance to public transport services for passenger information and AVMS systems.

As for most data exchange standards, defining subsets of data and dedicated rules for some specific use case is of great help for implementers and for the overall interoperability. This subset is usually called profile and this profile targets passenger information as only use case.

SIST-TS CEN/TS 17400:2020

2020-06 (po) (en;fr;de) 49 str. (I)

Intelligentni transportni sistemi - Mestni ITS - Mešana prodajna okolja, metodologije in prevajalci

Intelligent transport systems - Urban ITS - Mixed vendor environments, methodologies & translators

Osnova: CEN/TS 17400:2020

ICS:

This TS will focus on the principal aspects of urban ITS where vendor lock-in is a technical and financial problem: primarily centre-to-field communications and traffic management systems. It will cover the following scope:

- Analysis of vendor lock-in challenges, and mitigation and migration options
- Technical options for interworking multiple vendors' products
- Review of principal approaches taken to date to implement these options in community frameworks and specifications
- Translation between frameworks/products
- Technical and management protocols to achieve interworking, using product/interface adaptation, translation products, replacement/reengineering, and other migration strategies

SIST-TS CEN/TS 17402:2020

2020-06 (po) (en;fr;de) 103 str. (N)

Intelligentni transportni sistemi - Mestni ITS - Uporaba regionalnih prometnih standardov v mešanem prodajnem okolju

Intelligent transport systems - Urban ITS - Use of regional traffic standards in a mixed vendor environment

Osnova: CEN/TS 17402:2020

ICS: 35.240.60

This document will provide a background to the relevance of standards concerning mixed vendor environments in the context of urban-ITS. It will describe key mixed vendor environments interfaces.

It will define:

- Open specifications for sensor systems: existing open specifications and provides common specifications
- Open specifications for traffic control: existing open specifications and provides common specifications
- Open specifications for traffic information: existing open specifications and provides common specifications
- Open specifications for public transport information systems: existing open specifications and provides common specifications
- Open specifications for distributed C-ITS: existing open specifications and provides common specifications
- Open specifications for central systems: existing open specifications and provides common specifications

It will describe openly plied proprietary standards and extant communications protocols that can be used in mixed vendor environments in the context of urban-ITS.

SIST-TS CEN/TS 17413:2020

2020-06 (po) (en;fr;de) 124 str. (O)

Intelligentni transportni sistemi - Mestni ITS - Modeli in definicije za nove načine prevoza

Intelligent transport systems - Urban ITS - Models and definitions for new modes

Osnova: CEN/TS 17413:2020

ICS: 35.240.60

This document defines new modes in a reference data model, in order to allow integration of these modes into urban multimodal travel services (e.g. trip planning systems).

SIST/TC ITEK Tekstil in tekstilni izdelki

SIST EN 15398:2020

SIST-TS CEN/TS 15398:2016

2020-06 (po) (en;fr;de) 51 str. (G)

Netekstilne, tekstilne, laminirane in modularne mehansko spojene talne obloge - Standardni simboli za talne obloge - Komplementarni element

Resilient, textile, laminate and modular mechanical locked floor coverings (MMF) - Floor covering standard symbols - Complementary element

Osnova: EN 15398:2020

ICS: 97.150, 01.080.20

This Technical Specification establishes a system of graphic symbols for use in the marking of the following floor coverings and specifies the use of these symbols:

- resilient floor coverings manufactured from plastics, linoleum, cork or rubber, excluding loose-laid mats;
- textile floor coverings, including loose-laid mats and rugs;
- laminate floor coverings;
- modular multilayer floor coverings.

SIST/TC IUSN Usnje

SIST EN ISO 14088:2020

SIST EN ISO 14088:2012

2020-06 (po) (en;fr;de) 17 str. (E)

Usnje - Kemijski preskusi - Kvantitativna analiza sredstev za strojenje s filtrsko metodo (ISO 14088:2020)

Leather - Chemical tests - Quantitative analysis of tanning agents by filter method (ISO 14088:2020)

Osnova: EN ISO 14088:2020

ICS: 71.040.40, 59.140.30

EN-ISO 14080 specifies a test method for the determination of tanning agents through filtration of all vegetable and synthetic tanning products.

SIST EN ISO 17131:2020

SIST EN ISO 17131:2012

2020-06 (po) (en;fr;de) 23 str. (F)

Usnje - Identifikacija usnja z mikroskopijo (ISO 17131:2020)

Leather - Identification of leather with microscopy (ISO 17131:2020)

Osnova: EN ISO 17131:2020

ICS: 59.140.30

EN-ISO 17131 specifies a method using microscopy to identify leather and distinguish it from other materials. The method is not applicable for identifying specific leathers (e.g. sheep leather).

SIST/TC IŽNP Železniške naprave

SIST EN 15227:2020

SIST EN 15227:2008+A1:2010

2020-06 (po) (en;fr;de) 57 str. (J)

Železniške naprave - Zahteve za zagotavljanje varnosti železniških vozil pri trčenju

Railway applications - Crashworthiness requirements for rail vehicles

Osnova: EN 15227:2020

ICS: 45.060.01

This European Standard applies to new designs of locomotives and passenger carrying rolling stock as defined in categories C-I to C-IV of Clause 4 taking into consideration the recommendations given in

Annex E on the application of the standard (migration rule). It is intended to protect vehicle occupants, through the preservation of structural integrity, and does not extend to other railway employees and customers who are not in vehicles, or to third parties. The specified requirements relate to the technical and operational conditions of use that prevail in the CEN member countries. The design of new vehicles for use in passenger trains is based on operations with compatible rolling stock that also meet this standard. It is recognised that operational requirements will require new crashworthy and existing non-crashworthy vehicles to exist in the same train unit but such combinations of vehicles are not required to comply with this European Standard.

The requirements apply to the vehicle body, and to those mechanical elements directly associated with it that may be used to absorb energy in a collision, such as couplers, buffing systems etc. They do not cover the safety features of doors, windows, system components or interior features except for specific issues relating to the preservation of survival space.

The requirements do not cover all possible accident scenarios but provide a level of crashworthiness that will reduce the consequences of an accident, when the active safety measures have been inadequate. The requirement is to provide a level of protection by addressing the most common types of collision that cause injuries and fatalities.

The applicable design collision scenarios, and suitable parameters for normal European operations, are given in Clause 5. Annex A gives additional information regarding the derivation of the scenarios and describes situations when they may need to be modified and the processes that should then be followed.

SIST EN 15611:2020

SIST EN 15611:2009+A1:2011

2020-06 (po) (en;fr;de) 50 str. (I)

Železniške naprave - Zavore - Ventili za kontrolo tlaka

Railway applications - Braking - Relay valves

Osnova: EN 15611:2020

ICS: 23.060.99, 45.040

This document is applicable to relay valves designated to control the brake cylinder pressure of compressed air brakes fitted to railway vehicles, in association with an air brake distributor valve or other control device. It covers one stage relay valves and relay valves adjusting the brake cylinder pressure in response to a change in vehicle speed or load that is either continuously variable or in two or more stages, i.e. empty - loaded.

Relay valves operating with other pressures, in particular the brake pipe pressure, are not included.

This document specifies the requirements for the design, manufacture and testing of relay valves.

SIST EN 17084:2019/AC:2020

2020-06 (po) (en;fr;de) 2 str. (AC)

Železniške naprave - Požarna zaščita v železniških vozilih - Preskušanje toksičnosti materialov in sestavnih delov - Popravek AC

Railway applications - Fire protection on railway vehicles - Toxicity test of materials and components

Osnova: EN 17084:2018/AC:2020

ICS: 45.060.01, 13.220.40

Popravek k standardu SIST EN 17084:2019.

This document describes the measurement of the toxicity potential of the products of combustion based on two test methods:

- Method 1: EN ISO 5659-2 Smoke chamber area-based test with Fourier transform infrared spectroscopy (FTIR) gas analysis techniques;

- Method 2: NF X70-100-2 Tubular furnace small mass-based test.

NOTE 1 This document also specifies test equipment and set out the calculation procedures for evaluation of toxicity data.

NOTE 2 This document can be used in addition to others for the determination of toxic gases from devices installed in tunnel.

SIST-TP CEN/TR 17469:2020

2020-06 (po) (en;fr;de) 87 str. (M)

Železniške naprave - Metoda načrtovanja osi

Railway applications - Axle design method

Osnova: CEN/TR 17469:2020

ICS: 45.040

This Technical Report gives guidance for:

- the use of Finite Element Method (FEM) to supplement the axle calculation defined in relevant standards for wheelset calculation and to determine in particular conditions for fitting transitions and grooves;
- determination of fatigue limits consistent with the FEM procedure;
- validation of the fatigue limit of the blasted axles and unpainted axles.

It contains a proposal of a method for the analysis of in service load measurements to be applied in the fatigue assessment of axles.

SIST/TC KAT Karakterizacija tal, odpadkov in blata

SIST-TP CEN/TR 16192:2020

SIST EN 16192:2012

2020-06 (po) (en;fr;de) 37 str. (H)

Opadki - Navodilo za analizo izlužkov

Waste - Guidance on analysis of eluates

Osnova: CEN/TR 16192:2020

ICS: 13.030.20

This Technical Report gives guidance for:

- the use of Finite Element Method (FEM) to supplement the axle calculation defined in relevant standards for wheelset calculation and to determine in particular conditions for fitting transitions and grooves;
- determination of fatigue limits consistent with the FEM procedure;
- validation of the fatigue limit of the blasted axles and unpainted axles.

It contains a proposal of a method for the analysis of in service load measurements to be applied in the fatigue assessment of axles.

SIST/TC KAZ Kakovost zraka

SIST EN ISO 21832:2020

SIST EN 13890:2009

2020-06 (po) (en;fr;de) 45 str. (I)

Zrak na delovnem mestu - Kovine in polkovine v lebdečih delcih - Zahteve za vrednotenje merilnih postopkov (ISO 21832:2018)

Workplace air - Metals and metalloids in airborne particles - Requirements for evaluation of measuring procedures (ISO 21832:2018)

Osnova: EN ISO 21832:2020

ICS: 13.040.30

This document specifies performance requirements and test methods for the evaluation of procedures for measuring metals and metalloids in airborne particles sampled onto a suitable collection substrate. This document specifies a method for estimating the uncertainties associated with random and systematic errors and combining them to calculate the expanded uncertainty of the measuring procedure as a whole, as prescribed in ISO 20581.

This document is applicable to measuring procedures in which sampling and analysis is carried out in separate stages, but it does not specify performance requirements for collection, transport and storage of samples, since these are addressed in EN 13205-1 and ISO 15767.

This document does not apply to procedures for measuring metals or metalloids present as inorganic gases or vapours (e.g. mercury, arsenic) or to procedures for measuring metals and metalloids in compounds that could be present as a particle/vapour mixture (e.g. arsenic trioxide).

SIST-TS CEN/TS 17454:2020

2020-06 (po) (en;de) 65 str. (K)

Zunanji zrak - Določevanje spektra velikosti delcev atmosferskih aerosolov s spektrometrom na osnovi mobilnosti (MPSS)

Ambient air - Determination of the particle size spectra of atmospheric aerosol using a Mobility Particle Size Spectrometer (MPSS)

Osnova: CEN/TS 17454:2020

ICS: 13.040.20

This document describes a standard method for determining particle number size distributions in ambient air in the size range from 10 nm to 800 nm at total concentrations up to approximately 105 cm⁻³ with a time resolution of a few minutes. The standard method is based on a Mobility Particle Size Spectrometer (MPSS) used with a bipolar diffusion charger and a Condensation Particle Counter (CPC) as the detector. The document describes the performance characteristics and minimum requirements of the instruments and equipment to be used, and describes sampling, operation, data processing and QA/QC procedures, including calibration.

SIST/TC KDS Kozmetična, dezinfekcijska sredstva in površinsko aktivne snovi

SIST ISO 16217:2020

2020-06 (po) (en) 14 str. (D)

Kozmetika - Preskusne metode za zaščito pred soncem - Postopek s potopitvijo v vodo za določevanje vodoodpornosti

Cosmetics - Sun protection test methods - Water immersion procedure for determining water resistance

Osnova: ISO 16217:2020

ICS: 71.100.70

This document specifies a procedure of water immersion for the in vivo determination of the water resistance of sunscreen products.

This document is applicable to products intended to be placed in contact with human skin including any component able to absorb, reflect or scatter UV rays and which, in addition, are designed to be less readily removed from the skin by water and/or during water immersion. It is intended to be read in conjunction with ISO 24444.

SIST ISO 685:2020

2020-06 (po) (en) 9 str. (C)

Analiza mila - Določevanje celotnih alkalij in celotnih maščobnih snovi

Analysis of soaps - Determination of total alkali content and total fatty matter content

Osnova: ISO 685:2020

ICS: 71.100.70

This document specifies a method for the simultaneous determination of the total alkali content and the total fatty matter content of soaps (including liquid soaps), excluding compounded products.

SIST/TC KŽP Kmetijski pridelki in živilski proizvodi

SIST EN ISO 7932:2005/A1:2020

2020-06 (po) (en) 33 str. (H)

Mikrobiologija živil in krme - Splošno navodilo za štetje domnevno prisotnih *Bacillus cereus* - Štetje kolonij pri 30 °C - Dopnilo A1: Vključitev izbirnega preskusa (ISO 7932:2004/Amd 1:2020)

Microbiology of food and animal feeding stuffs - Horizontal method for the enumeration of presumptive Bacillus cereus - Colony-count technique at 30 degrees C - Amendment 1: Inclusion of optional tests (ISO 7932:2004/Amd 1:2020)

Osnova: EN ISO 7932:2004/A1:2020

ICS: 07.100.30

Dopnilo A1:2020 je dodatek k standardu SIST EN ISO 7932:2005.

This International Standard specifies a horizontal method for the enumeration of viable presumptive *Bacillus*

cereus by means of the colony-count technique at 30 °C. It is applicable to

- products intended for human consumption and the feeding of animals, and
- environmental samples in the area of food production and food handling.

NOTE In order to have a practicable test method, the confirmatory stage has been restricted to the typical aspect on MYP agar and the haemolysis test. Thus the term “presumptive” has been introduced in order to acknowledge the fact that the confirmatory stage does not enable the distinction of *B. cereus* from other closely related but less commonly encountered *Bacillus* species, such as *B. anthracis*, *B. thuringiensis*, *B. weihenstephanensis*, *B. mycoides*. An additional motility test may help to differentiate *B. cereus* from *B. anthracis* in cases where the presence of the latter is suspected.

SIST/TC LLZ Les, lesni izdelki in zaščita lesa

SIST EN 13629:2020

SIST EN 13629:2012

2020-06 (po) (en;fr;de) 25 str. (F)

Lesene talne obloge - Masivne in sestavljene masivne deske listavcev

Wood flooring - Solid individual and pre-assembled hardwood boards

Osnova: EN 13629:2020

ICS: 97.150, 79.080

This document specifies the characteristics of individual hardwood boards and pre-assembled hardwood boards with grooves and/or tongues for internal use as flooring. This document covers hardwood boards with or without surface coating.

This document does not cover solid parquet elements. (See Annex C).

SIST EN 1590:2020

SIST EN 1590:2006

2020-06 (po) (en;fr;de) 23 str. (F)

Zaščitna sredstva za les - Ugotavljanje učinkovitosti zatiranja ličink hišnega kozlička *Hylotrupes bajulus* (Linnaeus) - Laboratorijska metoda

Wood preservatives - Determination of the eradicator action against Hylotrupes bajulus (Linnaeus) larvae - Laboratory method

Osnova: EN 1590:2020

ICS: 71.100.50

This document specifies a method for the determination of the eradicator action of a surface application of a fast and a slow acting wood preservative product or a deferred acting wood preservative product on timber infested with larvae of *Hylotrupes bajulus* (Linnaeus).

This method is applicable to:

organic formulations, as supplied or as prepared in the laboratory by dilution of concentrates, or organic water dispersible formulations, as supplied or as prepared in the laboratory by dilution of concentrates, or water soluble products, for example, salts.

NOTE An ageing procedure cannot be combined with this method.

SIST EN 14128:2020

SIST EN 14128:2004

2020-06 (po) (en;fr;de) 18 str. (E)

Trajnost lesa in lesnih proizvodov - Merila učinkovitosti kurativnih biocidnih proizvodov za les, ugotovljene z biološkimi preskusi

Durability of wood and wood-based products - Efficacy criteria for curative wood preservatives as determined by biological tests

Osnova: EN 14128:2020

ICS: 79.040, 71.100.50

This European Standard specifies the minimum performance requirements in biological tests for products for curative uses against specific wood destroying organisms. It specifies the biological tests required together with the efficacy criteria to be achieved in each test.

Chemicals against insects can act according to their specific properties within a short time (fast acting) or only after a long period (slow acting or with a deferred effect). Different tests and efficacy requirements are needed for these various types of curative wood preservatives.

This European Standard is applicable to all wood preservative products supplied for application in liquid form for curative uses against attack by wood boring beetles. This European Standard is also applicable for products applied to prevent the growth of the dry rot fungus through masonry.

This European Standard is also applicable to products for curative uses supplied for application as pastes, solids or in capsule form but only where appropriate biological methods of test exist as published European Standards or as normative annexes to this European Standard.

NOTE 1 For re-testing after making variations in product formulation, guidance is given in Annex A.

NOTE 2 This standard is used as a reference document for the evaluation of efficacy of biocidal products PT8 (wood preservatives) in the framework of the European Regulation on Biocidal Products (EU) No 528/2012 (BPR).

This European Standard is not applicable to products used as fumigants.

This European Standard is also not applicable for determining whether specific curative products, used alone or in combination, are effective in conferring long-term protection against attack by wood destroying organisms. Preventive effectiveness can be determined using EN 599-1 but only for products that can be tested using the methods and interpretative procedures defined in EN 599-1.

Annex A (informative) contains a guidance on re-testing after making variations in product formulation.

Annex B (informative) contains some test recommendations for specific curative products against other insect species than *Hylotrupes bajulus* and *Anobium punctatum*.

Annex C (informative) contains a guidance for physical chemical properties.

SIST/TC MOC Mobilne komunikacije

SIST EN 305 213-5-1 V1.1.1:2020

2020-06 (po) (en) 52 str. (G)

Napredni sistem za vodenje in nadzor gibanja po zemlji (A-SMGCS) - 5. del: Harmonizirani standard za dostop do radijskega spektra za večplastno (MLAT) opremo - 1. poddel: Sprejemniki in bralniki

Advanced Surface Movement Guidance and Control System (A-SMGCS) - Part 5: Harmonised Standard for access to radio spectrum for Multilateration (MLAT) equipment - Sub-part 1: Receivers and Interrogators

Osnova: ETSI EN 305 213-5-1 V1.1.1 (2020-03)

ICS: 49.090, 03.220.50

The present document specifies technical characteristics and methods of measurements for the following equipment:

1) Interrogators transmitting in the 1 030 MHz band, used in Mode S multilateration equipment in an Advanced Surface Movement Guidance and Control System (A-SMGCS).
2) Receivers, receiving in the 1 090 MHz band, used in Mode S multilateration equipment in an Advanced Surface Movement Guidance and Control System (A-SMGCS).
Antennas for this equipment are external and passive without an additional amplifier.
The present document does not apply to equipment which includes a transponder function, to ground vehicle locators and to reference transmitters which do not contain receivers for the purpose of replying to interrogation.
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 EN 305 258 V1.1.1:2020

2020-06 (po) (en) 80 str. (L)

Industrijske brezžične komunikacije (WIA) - Oprema, ki deluje v frekvenčnem območju od 5725 MHz do 5875 MHz z močnostnimi nivoji do največ 400 mW - Harmonizirani standard za dostop do radijskega spektra

Wireless Industrial Applications (WIA) - Equipment operating in the 5 725 MHz to 5 875 MHz frequency range with power levels ranging up to 400 mW - Harmonised Standard for access to radio spectrum

Osnova: ETSI EN 305 258 V1.1.1 (2020-04)

ICS: 33.060.01

To produce a Harmonised Standard under article 3.2 of the R&TTE Directive, taking into account the ECC Report 206 to support Wireless industrial automation devices within the 5,725 GHz to 5,875 GHz frequency range. Equipment related to the EN is described in TR 102 889-2.

SIST EN 60794-1-21:2015/A1:2020

2020-06 (po) (en) 22 str. (F)

Optični kabli - 1-21. del: Splošne specifikacije - Osnovni preskusni postopki za optične kable - Mehanske preskusne metode - Dopolnilo A1 (IEC 60794-1-21:2015/A1:2020)

Optical fibre cables - Part 1-21: Generic specification - Basic optical cable test procedures - Mechanical tests methods (IEC 60794-1-21:2015/A1:2020)

Osnova: EN 60794-1-21:2015/A1:2020

ICS: 19.060, 33.180.10

Dopolnilo A1:2020 je dodatek k standardu SIST EN 60794-1-21:2015.

Ta del standarda IEC 60794 obravnava optične kable za uporabo s telekomunikacijsko opremo in napravami, ki uporabljajo podobne tehnike, ter kable s kombinacijo optičnih vlaken in električnih vodnikov. Cilj tega standarda je opredeliti preskusne postopke, ki jih je treba uporabiti pri določanju enotnih zahtev za mehansko učinkovitost. V tem standardu lahko izraz »optični kabel« vključuje tudi optične enote, mikrokanale itd. Splošne zahteve in definicije so podane v standardu IEC 60794-1-20, popolna referenčna navodila za vse tipe testnih metod pa so podana v standardu IEC 60794-1-2.

SIST EN 61500-2-19:2013/AC:2020

2020-06 (po) (en,fr) 5 str. (AC)

Optični spojni elementi in pasivne komponente - Osnovni preskusni in merilni postopki - 2-19. del: Preskusi - Pregreta para (ustaljeno stanje) - Popravek AC (IEC 61500-2-19:2012/COR1:2020)

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-19: Tests - Damp heat (steady state) (IEC 61500-2-19:2012/COR1:2020)

Osnova: EN 61500-2-19:2013/AC:2020-04

ICS: 33.180.20

Popravek k standardu SIST EN 61300-2-19:2013.

V tem delu standarda IEC 61300 je podrobno opisan postopek za ugotavljanje primernosti optičnih spojnih elementov in pasivnih komponent za odpornost proti okoljskemu pogoju visoke vlažnosti in temperature, ki se lahko pojavi med dejanskim delovanjem, shranjevanjem in/ali transportom. Preskus je prvenstveno namenjen omogočanju opazovanja učinkov visoke vlage pri stalni temperaturi v določenem časovnem območju. Zaradi absorpcije vlage se lahko pojavi nabrekanje, ki lahko uniči funkcionalnost ter povzroči izgubo fizične moči in spremembe drugih pomembnih mehanskih lastnosti. Tudi optične lastnosti se lahko poslabšajo. Ta preskus je lahko koristen tudi pri ugotavljanju absorpcije vlage pri izolacijskih in pokravnih materialih, čeprav prvenstveno ni bil mišljen kot simuliran tropski preskus.

EN IEC 61300-2-4:2019/A1:2020

2020-06 (po) (en) 5 str. (B)

Optični spojni elementi in pasivne komponente - Postopki osnovnega preskušanja in meritev - 2-4. del: Preskusi - Natezna trdnost vlakenskih ali kabelskih priključkov - Dopolnilo A1 (IEC 61300-2-4:2019/A1:2020)

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-4: Tests - Fibre or cable retention (IEC 61300-2-4:2019/A1:2020)

Osnova: EN IEC 61300-2-4:2019/A1:2020

ICS: 33.180.20

Dopolnilo A1:2020 je dodatek k standardu SIST EN IEC 61300-2-4:2019.

Namen tega dela standarda IEC 61300 je zagotoviti, da bo pritrditev vlakna ali kabla v napravi z optičnimi vlakni ali ohišju zdržala natezne obremenitve, ki se lahko pojavijo med običajnim delovanjem.

SIST/TC NAD Naftni proizvodi, maziva in sorodni proizvodi

SIST EN ISO 8222:2020

SIST EN ISO 8222:2005

2020-06 (po) (en;fr;de) 79 str. (L)

Naftni merilni sistemi - Umerjanje - Volumetrični ukrepi, rezervoarji in terenski ukrepi (vključno s formulami za lastnosti tekočin in materialov) (ISO 8222:2020)

Petroleum measurement systems - Calibration - Volumetric measures, proving tanks and field measures (including formulae for properties of liquids and materials) (ISO 8222:2020)

Osnova: EN ISO 8222:2020

ICS: 75.180.30

EN-ISO 8222 describes the design, use and calibration of volumetric measures (capacity measures) which are intended for use in fixed locations in a laboratory or in the field. This document gives guidance on both standard and non-standard measures. It also covers portable and mobile measures. This document is applicable to the petroleum industry; however, it may be applied more widely to other applications. This document excludes measures for cryogenic liquids and pressurized measures as used for liquid petroleum gas (LPG) and liquefied natural gas (LNG). Volumetric measures are classified as test measures or prover tanks depending on capacity and design. Measures described in this document are primarily designed, calibrated and used to measure volumes from a measure which is wetted and drained for a specified time before use and designated to deliver. Many of the provisions, however, apply equally to measures which are used to measure a volume using a clean and dry measure and designated to contain. Guidance is given regarding commonly expected uncertainties and calibration specifications. The document also provides, in Annex A, reference formulae describing the properties of water and other fluids and materials used in volumetric measurement more generally.

SIST EN ISO 8973:1999/A1:2020**2020-06 (po) (en;fr;de) 7 str. (B)**

Utekočinjeni naftni plini - Računska metoda za gostoto in parni tlak - Dopolnilo 1 (ISO 8973:1997/Amd 1:2020)

Liquefied petroleum gases - Calculation method for density and vapour pressure - Amendment 1 (ISO 8973:1997/Amd 1:2020)

Osnova: EN ISO 8973:1999/A1:2020

ICS: 75.160.30

Dopolnilo A1:2020 je dodatek k standardu SIST EN ISO 8973:1999.

This International Standard describes a simplified method for the calculation of density and vapour pressure of liquefied petroleum gases (LPG) based on compositional data and density and vapour pressure factors for individual LPG components. A list of factors is provided in this International Standard. This method is intended for application in specifications of product quality and is not intended for application to quantity measurement in custody transfer (see ISO 6578).

SIST-TP CEN/TR 17491:2020**2020-06 (po) (en) 8 str. (B)**

Goriva za motorna vozila - Informacije o anilinu, N-metil anilinu, N-etil anilinu, N,N-dimetil anilinu in sekundarnem butil acetatu, če se uporabljajo kot mešalne komponente v neosvinčenem bencinu

Automotive fuels - Information on aniline, N-methyl aniline, N-ethyl aniline, N,N di-methyl aniline and secondary-butyl acetate when used as blending components in unleaded petrol

Osnova: CEN/TR 17491:2020

ICS: 75.160.20

This document is intended to draw attention to the potential technical consequences on engine parts and fuel systems when some types of chemical compounds are used as blending components in unleaded petrol.

The chemical compounds addressed specifically in this document are: secondary- Butyl acetate, Aniline and its derivatives such N-Methyl Aniline, N-Ethyl Aniline and di-Methyl Aniline.

Other chemical compounds are not addressed in this document, however attention is drawn to clause 5.4 of EN 228 which requires that unleaded petrol shall be free from any adulterant or contaminant that can render the fuel unacceptable for use. Thus when considering blending of other chemical compounds, care should be taken to ensure they are fit for use in order to comply with this requirement.

This document does not address environmental and/or health related issues. These aspects are beyond the scope of CEN/TC19 activities.

SIST/TC OGS Ogrevanje, hlajenje in prezračevanje stavb**SIST EN ISO 16484-6:2020**

SIST EN ISO 16484-6:2014

2020-06 (po) (en;fr;de) 755 str. (2F)

Sistemi za avtomatizacijo stavb in regulacijo - 6. del: Preskušanje skladnosti protokolov za izmenjavo podatkov (ISO 16484-6:2020)

Building automation and control systems (BACS) - Part 6: Data communication conformance testing (ISO 16484-6:2020)

Osnova: EN ISO 16484-6:2020

ICS: 97.120, 35.240.67

EN-ISO 16484-6 provides a comprehensive set of procedures for verifying the correct implementation of each capability claimed on a BACnet PICS including:(a) support of each claimed BACnet service, either as an initiator, executor, or both,(b) support of each claimed BACnet object-type, including both required properties and each claimed optional property,(c) support of the BACnet network layer protocol,(d) support of each claimed data link option, and(e) support of all claimed special functionality.

SIST/TC OTR Izdelki za otroke

SIST EN 71-7:2014+A3:2020

SIST EN 71-7:2014+A2:2018/oprA5:2019

SIST EN 71-7:2014+A2:2018

2020-06 (po) (en;fr;de) 73 str. (L)

Varnost igrač - 7. del: Prstne barve - Zahteve in preskusne metode (vključno z dopolnilom A5)

Safety of toys - Part 7: Finger paints - Requirements and test methods

Osnova: EN 71-7:2014+A3:2020

ICS: 97.200.50

This part of EN 71 specifies requirements for the substances and materials used in finger paints and applies to finger paints only.

Additional requirements are specified for markings, labelling and containers.

SIST/TC OVP Osebna varovalna oprema

SIST EN 407:2020

SIST EN 407:2004

2020-06 (po) (en;fr;de) 27 str. (G)

Varovalne rokavice in druga oprema za zaščito rok pred toplotnimi tveganji (toplote in/ali ognja)

Protective gloves and other hand protective equipments against thermal risks (heat and/or fire)

Osnova: EN 407:2020

ICS: 13.340.40

This European Standard specifies requirements, test methods, marking and information for protective gloves against heat and/or flame and hands protective equipment against domestic thermal risks.

It should be used for all gloves and hands protective equipment which protect the hands or part of the hand against heat and/or flame in one or more of the following forms: flame, contact heat, convective heat, radiant heat, small splashes or large quantities of molten metal.

This standard is only applicable in conjunction with EN 420.

There are other standards relevant to specific applications, as for example fire-fighting or welding.

Product tests may only give performance levels and not protection levels.

SIST EN ISO 16972:2020

SIST EN 152:1999

2020-06 (po) (en) 45 str. (I)

Oprema za varovanje dihal - Slovar in grafični simboli (ISO 16972:2020)

Respiratory protective devices - Vocabulary and graphical symbols (ISO 16972:2020)

Osnova: EN ISO 16972:2020

ICS: 13.340.30, 01.040.13

This European Standard is applicable to respiratory protective devices except diving apparatus for which the definitions are given in EN 250. This European Standard defines commonly used terms and pictograms of this area. The object of this European Standard is to achieve a uniform interpretation of these terms and pictograms in order to prevent ambiguous use of them. EN 135 contains a survey of these terms in the three official languages English, French and German.

SIST EN ISO 20320:2020**2020-06 (po) (en) 24 str. (F)**

Varovalna obleka za uporabo pri deskanju na snegu - Ščitniki zapestja - Zahteve in preskusne metode (ISO 20320:2020)

Protective clothing for use in Snowboarding - Wrist Protectors - Requirements and test methods (ISO 20320:2020)

Osnova: EN ISO 20320:2020

ICS: 97.220.20, 13.340.40

This European Standard specifies the requirements and test methods for ergonomics, innocuousness, comfort/sizing, restraint, strength, abrasion, impact performance, (bending)stiffness as well as provisions for marking and instructions supplied by the manufacturer for wrist protectors (hereinafter referred to as protectors) for all users of snowboard equipment.

It does not apply to protectors used in roller sports as well as roller sports hockey or alpine skiing.

NOTE 1 The requirements of a clause take precedent over figures.

NOTE 2 The intent of this standard is to specify performance requirements of wrist protectors needed to reduce the risk of direct injury to the wrist caused by contact of the ground within the protective zone of the wrist protectors.

SIST EN ISO 21420:2020

SIST EN 420:2003+A1:2010

2020-06 (po) (en) 34 str. (H)

Varovalne rokavice - Splošne zahteve in preskusne metode (ISO 21420:2020)

Protective gloves - General requirements and test methods (ISO 21420:2020)

Osnova: EN ISO 21420:2020

ICS: 13.340.40

This standard defines the general requirements and relevant test procedures for glove design and construction, resistance of glove materials to water penetration, innocuousness, comfort and efficiency, marking and information supplied by the manufacturer applicable to all protective gloves.

NOTE It can also be applicable to arm protectors and gloves permanently incorporated in containment enclosures.

This European Standard does not address the protective properties of gloves and therefore should not be used alone but only in combination with the appropriate specific European Standard(s).

A non exhaustive list of these standards is given in the Bibliography.

SIST/TC PCV Polimerne cevi, fitingi in ventili**SIST EN 13598-1:2020**

SIST EN 13598-1:2011

2020-06 (po) (en;fr;de) 32 str. (G)

Cevni sistemi iz polimernih materialov za odpadno vodo in kanalizacijo, ki delujejo po težnostnem principu in so položeni v zemljo - Nemeščan polivinilklorid (PVC-U), polipropilen (PP) in polietilen (PE) - 1. del: Specifikacije za pomožne fitinge in plitve revizijske jaške

Plastics piping systems for non-pressure underground drainage and sewerage - Unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP) and polyethylene (PE) - Part 1: Specifications for ancillary fittings and shallow chambers

Osnova: EN 13598-1:2020

ICS: 93.030, 23.040.05

This document specifies the definitions and requirements for ancillary fittings and shallow chambers installed underground in non-pressure drainage and sewerage systems and manufactured from unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP), polypropylene with mineral modifier (PP-MD) or polyethylene (PE) intended for use for:

- non-pressure underground drainage and sewerage outside the building structure (application area code "U"), and

- non-pressure underground drainage and sewerage for both buried in ground within the building structure (application area code "D") and outside the building structure.

This is reflected in the marking of products by "U" and "UD".

It also covers the jointing of the ancillary fittings and shallow chambers to the pipework system.

The ancillary fittings covered by this standard are the following:

- sealed access fittings;
- rodding point covers;
- rodding tees;
- mechanical saddles.

Ancillary fittings according to this document are intended for use in pedestrian or vehicular traffic areas.

Ancillary fittings can be installed to a maximum depth of 6,0 m from ground level, with the exception of rodding point covers.

Shallow chambers according to this document are intended for use in private drains located in pedestrian areas above the ground water table, to a maximum depth of 2,0 m from ground level to the invert of the main channel. This document covers shallow chambers with flow profile bases, and their joints to the piping system.

NOTE 1 EN 124-series [1] and EN 1253-4 [2] covers may be used for shallow chambers.

NOTE 2 Manholes and inspection chambers are specified in EN 13598-2.

Ancillary fittings and shallow chambers complying with EN13598-1 comply with the general requirements given in EN 476.

Ancillary fittings and shallow chambers can be manufactured by various methods e.g. injection moulding, rotational moulding, spiral winding or fabricated from components made to other standards.

NOTE 3 Product complying with this document may be used with pipes, fittings and other components conforming to any of the plastics products standards listed in Clause 2, provided their dimension comply with the requirements for joint dimensions given in Clause 7 and to the requirements of Table 6.

NOTE 4 Products complying with this document can be installed in underground applications without additional static calculation.

SIST EN 13598-2:2020

SIST EN 13598-2:2016

2020-06 (po) (en;fr;de) 33 str. (H)

Cevni sistemi iz polimernih materialov za odpadno vodo in kanalizacijo, ki delujejo po težnostnem principu in so položeni v zemljo - Nemehčan polivinilklorid (PVC-U), polipropilen (PP) in polietilen (PE) - 2. del: Specifikacije za vstopne in revizijske jaške

Plastics piping systems for non-pressure underground drainage and sewerage - Unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP) and polyethylene (PE) - Part 2: Specifications for manholes and inspection chambers

Osnova: EN 13598-2:2020

ICS: 93.030, 23.040.05

This document specifies the definitions and requirements for unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP) and polyethylene (PE) manholes and inspection chambers intended for non-pressure underground drainage and sewerage systems to a maximum depth of 6 m from ground level to the invert of the manhole or inspection chamber.

This document covers manholes and inspection chambers with flow profile bases, and their joints to the piping system.

Manholes and inspection chambers are intended to be used in pedestrian or vehicular traffic areas outside the building structure.

NOTE 1 The intended use in underground installation outside the building structure is reflected in the marking of products by the application area code "U".

NOTE 2 Products complying with this document may also be used in non-traffic areas.

NOTE 3 Products complying with this standard can be installed in underground applications without additional static calculation.

NOTE 4 Shallow chambers are specified in EN 13598-1.

Manholes and inspection chambers complying with EN 13598-2 are made from a prescribed set of components that are manufactured from unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP), polypropylene with mineral modifier (PP-MD) or polyethylene (PE) and assembled together.

NOTE 5 The complete manhole or inspection chamber assembly may also include non-plastic items (near surface or surface components for example) which are not covered by this document.

NOTE 6 Manholes and inspection chambers may be supplied with covers, frame covers and gratings complying with the relevant part of EN 124 [1].

Manholes and inspection chambers complying with EN 13598-2 comply with the general requirements given in EN 476.

Manholes and inspection chambers complying with EN 13598-2 may be used for storm-water systems.

Manhole and inspection chamber components can be manufactured by various methods e.g. extrusion, injection moulding, rotational moulding, low-pressure moulding or fabricated.

NOTE 7 Manholes and inspection chambers can be site assembled from different components, but can also be manufactured as a single unit.

SIST/TC PIP Pigmenti in polnila

SIST EN ISO 3262-1:2020

SIST EN ISO 3262-1:1998

2020-06 (po) (en;fr;de) 13 str. (D)

Polnila - Specifikacije in preskusne metode - 1. del: Uvod in splošne preskusne metode (ISO 3262-1:2020)

Extenders - Specifications and methods of test - Part 1: Introduction and general test methods (ISO 3262-1:2020)

Osnova: EN ISO 3262-1:2020

ICS: 87.060.10

EN-ISO 3262-1 gives the definition for the term extender and specifies test methods that are required for most of the subsequent parts of ISO 3262.

SIST/TC PKG Preskušanje kovinskih gradiv

SIST EN ISO 10113:2020

SIST EN ISO 10113:2014

2020-06 (po) (en;fr;de) 51 str. (G)

Kovinski materiali - Pločevina in trakovi - Ugotavljanje količnika plastične anizotropije (ISO 10113:2020)

Metallic materials - Sheet and strip - Determination of plastic strain ratio (ISO 10113:2020)

Osnova: EN ISO 10113:2020

ICS: 77.040.10

EN-ISO 10113 specifies a method for determining the plastic strain ratio of flat products (sheet and strip) made of metallic materials.

SIST EN ISO 14096-1:2020

SIST EN 14096-1:2004

2020-06 (po) (en;fr;de) 20 str. (E)

Neporušitvene preiskave - Kvalificiranje sistemov za digitaliziranje radiogramov - 1. del: Definicije, kvantitativne meritve parametrov kakovosti radiografske slike, standardni referenčni radiogram in kvalitativna kontrola (ISO 14096-1:2005)

Non-destructive testing - Qualification of radiographic film digitisation systems - Part 1: Definitions, quantitative measurements of image quality parameters, standard reference film and qualitative control (ISO 14096-1:2005)

Osnova: EN ISO 14096-1:2020

ICS: 19.100, 37.040.25

ISO 14096-1:2005 specifies procedures for the evaluation of basic performance parameters of the radiographic film digitisation process such as spatial resolution and spatial linearity, density range, density contrast sensitivity and characteristic transfer curve. They can be integrated into the system software and together with a standard reference film used for quality control of the digitisation process. This reference film provides a series of test targets for performance evaluation. The test targets are suitable for evaluating a digitisation system with a spatial resolution down to 25 micrometres, a density contrast sensitivity down to 0,02 optical density, a density range of 0,5 to 4,5 and a film size capacity of (350 x 430) mm². This standard does not address signal processing and display of the digitised data.

SIST EN ISO 14096-2:2020

SIST EN 14096-2:2004

2020-06 (po) (en;fr;de) 15 str. (D)

Neporušitvene preiskave - Kvalificiranje sistemov za digitaliziranje radiogramov - 2. del: Minimalne zahteve (ISO 14096-2:2005)

Non-destructive testing - Qualification of radiographic film digitisation systems - Part 2: Minimum requirements (ISO 14096-2:2005)

Osnova: EN ISO 14096-2:2020

ICS: 19.100, 37.040.25

ISO 14096-2:2005 specifies three film-digitisation quality classes for the requirements of non-destructive testing. The selected class depends on the radiation energy, penetrated material thickness and the quality level of the original radiographic film. ISO 14096-2:2005 does not address signal processing, display and storage of the digitised data.

SIST EN ISO 16526-1:2020

SIST EN 12544-1:2000

SIST EN 12544-2:2001

SIST EN 12544-3:2000

2020-06 (po) (en;fr;de) 10 str. (C)

Neporušitvene preiskave - Meritve in ugotavljanje električne napetosti na rentgenski cevi - 1. del: Metoda delitve napetosti (ISO 16526-1:2011)

Non-destructive testing - Measurement and evaluation of the X-ray tube voltage - Part 1: Voltage divider method (ISO 16526-1:2011)

Osnova: EN ISO 16526-1:2020

ICS: 19.100

ISO 16526-1:2011 specifies a method for the direct and absolute measurement of the average high voltage of constant potential (DC) X-ray systems on the secondary side of the high voltage generator. The intention is to check the correspondence with the indicated high voltage value on the control unit of the X-ray system.

This method is applied to assure a reproducible operation of X-ray systems because the voltage influences particularly the penetration of materials and the contrast of X-ray images and also the requirements concerning the radiation protection.

SIST EN ISO 16526-2:2020

SIST EN 12544-2:2001

2020-06 (po) (en;fr;de) 15 str. (D)

Neporušitvene preiskave - Meritve in ugotavljanje električne napetosti na rentgenski cevi - 2. del: Preverjanje konstantnosti z metodo debelega filtra (ISO 16526-2:2011)

Non-destructive testing - Measurement and evaluation of the X-ray tube voltage - Part 2: Constancy check by the thick filter method (ISO 16526-2:2011)

Osnova: EN ISO 16526-2:2020

ICS: 19.100

ISO 16526-2:2011 specifies a constancy check of a X-ray system where mainly the X-ray voltage is checked and also the tube current and the constitution of the target which can be changing due to ageing of the tube.

The thick filter method is based on a measurement of the dose rate behind a defined thick filter using defined distances between the X-ray tube, the filter and the measuring device.

This method is very sensitive to changes of the voltage, but it does not provide an absolute value for the X-ray tube voltage. Therefore, a reference value is needed and, it is recommended to find this reference, for example, within the acceptance test of the system.

The thick filter method is a rather simple technique and may be applied by the operator of an X-ray system to perform regularly a constancy check of the system.

The method can also be applied for consistency checks after changing components which may affect the X-ray tube voltage.

This method can be applied for all types of X-ray systems, i. e. for constant potential, half wave and impulse wave generators with a tube current larger than 1 mA.

SIST EN ISO 16526-3:2020

SIST EN 12544-3:2000

2020-06 (po) (en;fr;de) 14 str. (D)

Neporušitvene preiskave - Meritve in ugotavljanje električne napetosti na rentgenski cevi - 3. del:

Spektrometrijska metoda (ISO 16526-3:2011)

Non-destructive testing - Measurement and evaluation of the X-ray tube voltage - Part 3: Spectrometric method (ISO 16526-3:2011)

Osnova: EN ISO 16526-3:2020

ICS: 19.100

ISO 16526-3:2011 specifies the test method for a non-invasive measurement of X-ray tube voltages using the energy spectrum of X-rays (spectrometric method). It covers the voltage range from 10 kV to 500 kV. The intention is to check the correspondence of the actual voltage with the indicated value on the control panel of the X-ray unit. It is intended to measure the maximum energy only and not the complete X-ray spectrum.

The procedure is applicable for tank type and constant potential X-ray units.

SIST/TC POH Pohištvo

SIST EN 927-11:2020

SIST-TS CEN/TS 16558:2012

2020-06 (po) (en;fr;de) 5 str. (B)

Barve in laki - Premazi in premazni sistemi za zaščito lesa za zunanjo uporabo - 11. del: Ocenjevanje obsežnosti zračnih vključkov/mikropenjenja v filmih premazov

Paints and varnishes - Coating materials and coating systems for exterior wood - Part 11: Assessment of air inclusions/microfoam in coating films

Osnova: EN 927-11:2020

ICS: 71.100.50, 87.040

This document specifies a test method for assessing microfoam in coating films on stable wood components. Samples are taken from finished wood components that are produced in a production plant, by craftsmen or a laboratory.

SIST EN 927-7:2020

SIST-TS CEN/TS 16559:2012

2020-06 (po) (en;fr;de) 12 str. (C)

Barve in laki - Premazi in premazni sistemi za zaščito lesa za zunanjo uporabo - 7. del: Ocenjevanje odpornosti premazov proti obarvanju zaradi grč v lesu

Paints and varnishes - Coating materials and coating systems for exterior wood - Part 7: Assessment of knot staining resistance of wood coatings

Osnova: EN 927-7:2020

ICS: 71.100.50, 87.040

This standard specifies a test method for assessing the discoloration of coating systems on wood due to wood extractives from knots. The discoloration is measured by colorimetry and the result is stated as the colour difference between the coated surface on the knot and the coated surface beside the knot.

SIST/TC POZ Požarna varnost

SIST EN 15269-1:2019/AC:2020

2020-06 (po) (en;fr;de) 2 str. (AC)

Razširjena uporaba rezultatov preskusov požarne odpornosti in/ali dimotesnosti za vrata, zapore in okna, ki se odpirajo, vključno z njihovim okovjem - 1. del: Splošne zahteve

Extended application of test results for fire resistance and/or smoke control for door, shutter and openable window assemblies, including their elements of building hardware - Part 1: General requirements

Osnova: EN 15269-1:2019/AC:2020

ICS: 91.060.50, 13.220.50

Popravek k standardu SIST EN 15269-1:2019.

Ta evropski standard določa splošna načela za razširjeno uporabo rezultatov preskusov požarne varnosti in dimotesnosti vrat, npr. vrste vrat za pešce in industrijska vrata ter okna, ki jih je mogoče odpreti, naštete v uvodu zgoraj, ko se preskusijo v skladu s standardoma EN 1634-1 in/ali EN 1634-3.

Ta dokument vsebuje splošna načela, ki naj bi se uporabljala v povezavi z ustreznim delom standarda EN 15269, odvisno od vrste izdelka, ki se ocenjuje.

SIST EN 16475-1:2020

2020-06 (po) (en;fr;de) 29 str. (G)

Dimovodne naprave - Oprema - 1. del: Dušilniki zvoka dimovodnih naprav - Zahteve in preskusne metode

Chimneys - Accessories - Part 1: Chimney silencers - Requirements and test methods

Osnova: EN 16475-1:2020

ICS: 91.060.40

This European Standard specifies requirements and test methods for flue gas silencers made of metal that are used as accessories in order to reduce the noise level of combustions appliances.

The standard covers silencers in the connecting flue pipes and on top of chimneys.

This standard does not cover silencers installed as chimney sections. This standard excludes active silencers.

SIST EN 16475-4:2020

2020-06 (po) (en;fr;de) 42 str. (I)

Dimovodne naprave - Oprema - 4. del: Dimovodne lopute - Zahteve in preskusne metode

Chimneys - Accessories - Part 4: Flue dampers - Requirements and test methods

Osnova: EN 16475-4:2020

ICS: 91.060.40

This European standard specifies the requirements and test methods for flue dampers that are used as components, carrying flue gas, in order to limit the flow in a chimney.

Flue dampers may be manually adjusted, sited in connecting flue pipes or chimneys, in order to reduce the burning rate (solid fuel stoves/fireplaces) or to work as a shut-off slide preventing back flow of soot during cleaning of the chimney, or mechanically driven for reducing/closing the flue, in order to reduce the Stand-by losses or to prevent the backflow of the flue gas e.g. in case of multi-served chimneys.

This European standard covers only flue dampers incorporated in a housing and installed inside a building. Flue dampers already tested together with system chimney products or other chimney components, e.g. flue liners, connecting flue pipes, are not covered by this standard.

This European standard also specifies the requirements for marking, manufacturers' instruction, product information, Assessment and Verification of Constancy of Performance (AVCP), cleaning and maintenance.

SIST EN 16475-6:2020

2020-06 (po) (en;fr;de) **55 str. (H)**

Dimovodne naprave - Oprema - 6. del: Čistilne odprtine - Zahteve in preskusne metode

Chimneys - Accessories - Part 6: Access components - Requirements and test methods

Osnova: EN 16475-6:2020

ICS: 91.060.40

This European Standard specifies the requirements and test methods for access components comprising a frame and a door or doors which provide access to the flue of a chimney for the purpose of inspection or cleaning.

Access components for higher nominal working temperature than 450 °C, positive pressure and wet applications are not covered by this standard.

The standard is limited to access components with a door opening area up to 0,27 m².

Products not freely ventilated are excluded from this standard.

This standard also specifies the requirements for marking, manufacturers' instruction, product information and evaluation of conformity.

Access components already tested together with system chimney products or other chimney components, e.g. flue liners, are not covered by this standard.

SIST EN 16856:2020

2020-06 (po) (en;fr;de) **41 str. (I)**

Prenosni aerosolni razpršilniki za gašenje požara

Portable aerosol dispensers for fire extinguishing purposes

Osnova: EN 16856:2020

ICS: 13.220.10

This draft European Standard specifies the characteristics, performance and test methods for extinguishing aerosol dispensers, in accordance with Directive 75/324/EEC, for fire extinguishing purposes. Requirements in this draft Standard are specified for products containing less than 1 kg or 1 l of extinguishing media, which can be expelled by the action of internal pressure and are intended to extinguish test fires of type A + B, or type A + F, or type A + B + F classes of EN 2. These extinguishing aerosol dispensers are intended to be used by untrained persons for domestic applications. They are not intended to be used on gas fires (class C) and metal fires (class D).

Requirements are specified for minimum performance in Annex I for extinguishing test fires of type A, type B and type F classes of EN 2, as appropriate.

Annex A gives the conditioning treatment to be applied to extinguishing aerosol dispensers prior to testing as described in Annex B to Annex K.

SIST/TC PSE Procesni sistemi v energetiki

SIST EN 61850-7-2:2011/A1:2020

2020-06 (po) (en) **144 str. (P)**

Komunikacijska omrežja in sistemi za avtomatizacijo porabe električne energije - 7-2. del: Osnovna informacijska in komunikacijska struktura - Vmesnik abstraktne komunikacijske storitve (ACSI) - Dopolnilo A1

Communication networks and systems for power utility automation - Part 7-2: Basic information and communication structure - Abstract communication service interface (ACSI)

Osnova: EN 61850-7-2:2010/A1:2020

ICS: 29.240.30, 33.200

Dopolnilo A1:2020 je dodatek k standardu SIST EN 61850-7-2:2011.

Ta del IEC 61850 velja za komunikacijo ACSI za avtomatizacijo porabe. ACSI zagotavlja naslednje vmesnike abstraktne komunikacijske storitve:

a) abstraktna povezava, ki opisuje komunikacije med klientom in oddaljenim strežnikom za

- realno časovni dostop do podatkov in priklic;
- nadzor naprave;
- poročanje dogodkov in beleženje;
- nastavitev skupinskega nadzora;
- samo opisovanje naprav (slovar podatkov o napravah);
- tipiziranje podatkov in odkrivanje tipov podatkov ter
- prenos datotek.

b) Abstraktna povezava za hitro in zanesljivo distribucijo dogodkov sistema med aplikacijo v eni napravi in več oddaljenimi aplikacijami v različnih napravah (izdajatelj/naročnik) in za oddajanje vzorčnih merjenih vrednosti (izdajatelj/naročnik).

SIST EN 61850-7-4:2010/A1:2020

2020-06 (po) (en) 427 str. (2A)

Komunikacijska omrežja in sistemi za avtomatizacijo porabe električne energije - 7-4. del: Osnovna komunikacijska struktura - Združljivi logični vozliščni in podatkovni razredi - Dopolnilo A1

Communication networks and systems for power utility automation - Part 7-4: Basic communication structure - Compatible logical node classes and data object classes

Osnova: EN 61850-7-4:2010/A1:2020

ICS: 29.240.30, 33.200

Dopolnilo A1:2020 je dodatek k standardu SIST EN 61850-7-4:2011.

Ta del IEC 61850 določa informacijski model naprav in funkcij, običajno povezanih s splošno uporabo glede na uporabe v sistemih za avtomatizacijo porabe (električne) energije. Prav tako vsebuje informacijski model naprav in funkcijsko povezanih uporab v razdelilnih postajah. Zlasti določa logična vozliščna imena in imena podatkovnih objektov za komunikacijo med inteligentnimi elektronskimi napravami (IED). To vsebuje razmerje med logičnimi vozlišči in podatkovnimi objekti. Imena logičnih vozlišč in podatkovnih objektov, določenih v tem dokumentu, so del modela razredov, predstavljenega v IEC 61850-7-1 in določenega v IEC 61850-7-2. Imena, določena v tem dokumentu, se uporabljajo za izgradnjo hierarhičnih referenčnih objektov uporabljenih za komunikacijo z IED v sistemih za avtomatizacijo porabe (električne) energije in zlasti z IED v razdelilnih postajah in v razdelilnih glavnih dovodnih kabljih. V tem delu veljajo konvencije poimenovanja iz IEC 61850-7-2. Da se izognemo zasebnim, nekompatibilnim priponam, ta del določa normativna pravila poimenovanja za večkratne instance in zasebne, kompatibilne pripone razredov logičnih vozlišč (LN) in imen podatkovnih objektov. Vsaka definicija je osnovana na IEC 61850 ali na referenčnih dobro dokumentiranih javnih dokumentov. Ta del ne zagotavlja vadbene materiala. Priporočeno je najprej prebrati dele IEC 61850-5 in IEC 61850-7-1, skupaj z IEC 61850-7-3 in IEC 61850-7-2. Ta standard se uporablja za opis modelov naprav in funkcij razdelilnih postaj in opreme glavnih dovodnih kablov. Koncepti, določeni v tem standardu, prav tako veljajo za opisovanje modelov naprav in funkcij za:

- izmenjavo podatkov razdelilne postaje do razdelilne postaje,
- izmenjavo podatkov razdelilne postaje do nadzornega centra,
- izmenjavo podatkov elektrarne do nadzornega centra,
- izmenjavo podatkov za porazdeljeno proizvodnjo,
- izmenjava podatkov za porazdeljeno avtomatizacijo ali
- izmenjavo podatkov za merjenje.

SIST EN 61850-8-1:2011/A1:2020**2020-06 (po) (en) 141 str. (P)**

Komunikacijska omrežja in sistemi za avtomatizacijo porabe električne energije - 8-1. del: Preslikava posebne komunikacijske storitve (SCSM) - Preslikave v MMS (ISO 9506-1 in ISO 9506-2) in v ISO/IEC 8802-3 - Dopnilo A1

Communication networks and systems for power utility automation - Part 8-1: Specific communication service mapping (SCSM) - Mappings to MMS (ISO 9506-1 and ISO 9506-2) and to ISO/IEC 8802-3

Osnova: EN 61850-8-1:2011/A1:2020

ICS: 33.200, 29.240.30

Dopnilo A1:2020 je dodatek k standardu SIST EN 61850-8-1:2011.

Ta del IEC 61850 določa metodo izmenjave časovno kritičnih in časovno nekritičnih podatkov prek lokalnih omrežij s preslikavo ACSI v okviru MMS in ISO/IEC 8802-3. Storitve in protokol MMS so določeni za delovanje v vseh komunikacijskih profilih, združljivih z OST in TCP. Z uporabo MMS se zagotovi podpora centraliziranih in porazdeljenih arhitektur. Ta standard vključuje izmenjavo prikazov podatkov v realnem času, nadzornih operacij, poročevalnih obvestil.

Določa preslikavo objektov in storitev ACSI (vmesnik abstraktne komunikacijske storitve, IEC 61850-7-2) v okviru MMS (specifikacija industrijskega sporočanja, ISO 9506) in ISO/IEC 8802-3.

Ta standard določa tudi preslikavo časovno kritičnih izmenjav informacij v protokol ne-MMS. Semantike protokola so navedene v IEC 61850-7-2. Vsebuje sintakso protokola, definicijo, preslikavo v formate okvirov ISO/IEC 8802-3 in vse pomembne postopke, specifične za uporabo ISO/IEC 8802-3.

Preslikava ACSI v MMS opredeljuje, kako se izvajajo koncepti, objekti in storitve ACSI s koncepti, objekti in storitvami MMS. Ta preslikava omogoča interoperabilnost med funkcijami, ki jih izvajajo različni proizvajalci.

Ta del IEC 61850 opredeljuje standardizirano metodo z uporabo storitev ISO 9506 pri izvajanju izmenjave podatkov. Za storitve ACSI, opredeljene v IEC 61850-7-2, ki se ne preslikajo v MMS, ta del opredeljuje dodatne protokole. Opisuje realne javne pripomočke v zvezi z zunanje vidljivimi podatki in lastnosti pri uporabi objektno usmerjenega pristopa. Objekti so po svoji naravi abstraktni in se lahko uporabljajo pri zelo različnih aplikacijah. Uporaba te preslikave ni omejena le na uporabo pri javnih komunikacijah.

Ta del IEC 61850 podaja preslikave za storitve in objekte, določene v IEC 61850-7-2, IEC 61850-7-3 in IEC 61850-7-4.

SIST EN 61850-9-2:2012/A1:2020**2020-06 (po) (en) 27 str. (G)**

Komunikacijska omrežja in sistemi za avtomatizacijo porabe električne energije - 9-2. del: Preslikave posebne komunikacijske storitve (SCSM) - Vzorčne/odčitane vrednosti po ISO/IEC 8802-3 - Dopnilo A1
Communication networks and systems for power utility automation - Part 9-2: Specific communication service mapping (SCSM) - Sampled values over ISO/IEC 8802-3

Osnova: EN 61850-9-2:2011/A1:2020

ICS: 29.240.30, 33.200

Dopnilo A1:2020 je dodatek k standardu SIST EN 61850-9-2:2012.

Ta del standarda IEC 61850 določa preslikave posebne komunikacijske storitve (SCSM) za prenos vzorčnih/odčitanih vrednosti v skladu z abstraktno specifikacijo iz standarda IEC 61850-7-2. To je preslikava abstraktnega modela na mešani sklad z neposrednim dostopom do povezave iz standarda ISO/IEC 8802-3 za prenos vzorcev v kombinaciji s standardom IEC 61850-8-1. Vse preslikave posebne komunikacijske storitve so sestavljene iz treh delov: – specifikacija uporabljenega komunikacijskega sklada, – preslikava abstraktnih specifikacij iz serije IEC 61850-7 o realnih elementih uporabljenega sklada in – specifikacija izvajanja funkcionalnosti, ki je ne zajema uporabljeni sklad.

SIST EN 62351-3:2015/A2:2020**2020-06 (po) (en) 13 str. (D)**

Upravljanje elektroenergetskega sistema in pripadajoča izmenjava informacij - Varnost podatkov in komunikacij - 3. del: Varnost komunikacijskih omrežij in sistemov - Profili za TCP/IP - Dopolnilo A2

Power systems management and associated information exchange - Data and communications security - Part 3: Communication network and system security - Profiles including TCP/IP

Osnova: EN 62351-3:2014/A2:2020

ICS: 35.240.50, 29.240.30

Dopolnilo A2:2020 je dodatek k standardu SIST EN 62351-3:2015.

Standard določa, kako zagotoviti zaupnost, odkrivati nedovoljeno poseganje in preverjati pristnost na ravni sporočil za SCADA in protokole za daljinsko vodenje, ki za sporočilno transportno plast uporabljajo TCP/IP.

Ta objava je bistvena za pametna omrežja.

SIST/TC SKA Stikalni in krmilni aparati

SIST EN IEC 60947-5-2:2020

SIST EN 60947-5-2:2009

SIST EN 60947-5-2:2009/A1:2015

2020-06 (po) (en) 157 str. (O)

Nizkonapetostne stikalne in krmilne naprave - 5-2. del: Krmilne naprave in stikalni elementi - Približevalna stikala (IEC 60947-5-2:2019)

Low-voltage switchgear and controlgear - Part 5-2: Control circuit devices and switching elements - Proximity switches (IEC 60947-5-2:2019)

Osnova: EN IEC 60947-5-2:2020

ICS: 29.130.20

EN-IEC 60947-5-2 applies to inductive and capacitive proximity switches that sense the presence of metallic and/or non-metallic objects, ultrasonic proximity switches that sense the presence of sound reflecting objects, photoelectric proximity switches that sense the presence of objects and non-mechanical magnetic proximity switches that sense the presence of objects with a magnetic field. Products covered by the scope of this document are not subjected to defined behaviours under fault conditions. Proximity switches with defined behaviour are covered by IEC 60947-5-3 and have to fulfil additional requirements. These proximity switches are self-contained, have semiconductor switching element(s) and are intended to be connected to circuits, the rated voltage of which does not exceed 250 V 50 Hz/60 Hz AC RMS or 300 V DC. Examples of typical applications for in-scope products: - factory automation and machinery industry; - logistic and packaging industry; - conveyor belts, lifts; - process industry; - power plants. Special applications (e.g. corrosive atmosphere) can cause additional requirements. This document is not intended to cover proximity switches with analogue outputs. The object of this document is to state for proximity switches: - definitions; - classification; - characteristics; - product information; - normal service, mounting and transport conditions; - constructional and performance requirements; - tests to verify rated characteristics. Products covered by the scope of this document are expected to be selected, installed, and maintained by skilled personnel only.

SIST/TC SPN Storitve in protokoli v omrežjih

SIST EG 203 499 V1.1.1:2020**2020-06 (po) (en) 102 str. (N)**

Človeški dejavniki (HF) - Uporabniško usmerjena terminologija za obstoječe in prihodnje naprave, storitve in aplikacije IKT

Human Factors (HF) - User-centred terminology for existing and upcoming ICT devices, services and applications

Osnova: ETSI EG 203 499 V1.1.1 (2019-08)

ICS: 33.040.01

The present document aims at further simplifying end-user access to ICT devices, services, and applications by providing recommended terms for basic and commonly-used ICT-related objects and activities, limited to those terms that end users are commonly exposed to. Recommended terms are provided in five languages: English, French, German, Italian, and Spanish (as spoken in their respective European countries).

The recommended terms apply to mobile ICT devices and mobile applications (whether they are standalone or whether they provide access to related services) commonly found in mobile ICT devices (most of the recommended terms are applicable to both mobile and stationary devices, services, and applications). The recommended terms are applicable to

the User Interface (UI) design for a product as well as that of any user documentation accompanying it. User requirements and available results of standardization work have been considered and integrated in the present document, providing implementation-oriented guidance. Wherever possible, a Design-for-All approach has been adopted, taking functional abilities of users, including elderly users and users with cognitive, physical, or sensory limitations into account.

The present document does not provide design guidance, nor does it intend to restrict the ability of market players to further improve and develop their terminals and services. Neither does it intend to limit their options to trademark user interface elements or profile the user experience of brand-specific user interface implementations as a competitive edge.

SIST EN 300 019-2-8 V2.2.1:2020

2020-06 (po) (en) 15 str. (D)

Okoljski inženiring (EE) - Okoljski pogoji in preskusi vplivov okolja na telekomunikacijsko opremo - 2-8. del: Specifikacija preskusov vplivov okolja - Fiksna uporaba na podzemnih lokacijah
Environmental Engineering (EE) - Environmental conditions and environmental tests for telecommunications equipment - Part 2-8: Specification of environmental tests; Stationary use at underground locations

Osnova: ETSI EN 300 019-2-8 V2.2.1 (2020-03)

ICS: 33.050.01, 19.040

The present document specifies test methods and severities for verification of the required resistibility of equipment according to the relevant environmental class.

The tests defined in the present document apply to stationary use at underground locations covering the environmental conditions stated in ETSI EN 300 019-1-8 [1].

SIST EN 319 412-5 V2.5.1:2020

2020-06 (po) (en) 19 str. (E)

Elektronski podpisi in infrastruktura (ESI) - Profili potrdil - 5. del: Izjave QC

Electronic Signatures and Infrastructures (ESI) - Certificate Profiles - Part 5: QCStatements

Osnova: ETSI EN 319 412-5 V2.5.1 (2020-04)

ICS: 05.080.99, 35.040.01

The present document defines specific QCStatement for the qcStatements extension as defined in IETF RFC 3739 [2], clause 5.2.6, including requirements for their use in EU qualified certificates. Some of these QCStatements can be used for other forms of certificate.

The QCStatements defined in the present document can be used in combination with any certificate profile, either defined in ETSI EN 319 412-2 [i.2], ETSI EN 319 412-3 [i.5] and ETSI EN 319 412-4 [i.6], or defined elsewhere.

The QCStatements defined in clause 4.3 may be applied to regulatory environments outside the EU. Other requirements specified in clause 4 are specific to Regulation (EU) No 910/2014 [i.8] but may be adapted for other regulatory environments.

SIST/TC SPO Šport

SIST EN 1176-7:2020

SIST EN 1176-7:2008

2020-06 (po) (en;fr;de) 13 str. (D)

Oprema in podloge otroških igrišč - 7. del: Navodila za vgradnjo, nadzor, vzdrževanje in delovanje
Playground equipment and surfacing - Part 7: Guidance on installation, inspection, maintenance and operation

Osnova: EN 1176-7:2020

ICS: 97.200.40

This document is applicable to playground equipment, surfacing and ancillary items, eg., gates, fences, benches, bins, shades, etc.

Note 1 The scope of the inspection and inclusion of the ancillary items will vary from country to country

Note 2 Ancillary items are not included in EN 1176 and are not assessed for compliance with EN 1176.

This document establishes requirements on the installation, inspection, maintenance and operation of playground equipment and surfacing around the equipment. It is intended for use by playground operators (see definitions 5.4) to assist them in developing an inspection and maintenance regime for each playground.

SIST EN ISO 21853:2020

2020-06 (po) (en) 24 str. (F)

Kajtanje - Varnostni sistem za spuščanje kajta - Varnostne zahteve in preskusne metode (ISO 21853:2020)

Kite boarding - Release system - Safety requirements and test methods (ISO 21853:2020)

Osnova: EN ISO 21853:2020

ICS: 97.220.40

This International Standard specifies the minimum safety requirement and test methods for the safety release system that reduces the pulling force in the kite and disconnects the user from the kite.

This International Standard is applicable for safety release systems which are operated intentionally by the user or another person and are used for the sport of kite boarding.

SIST/TC TLP Tlačne posode

SIST EN 15480-2:2018/A7:2020

2020-06 (po) (en;fr;de) 4 str. (A)

Kovinski industrijski cevovodi - 2. del: Materiali - Dopolnilo A7

Metallic industrial piping - Part 2: Materials

Osnova: EN 15480-2:2017/A7:2020

ICS: 77.140.75, 23.040.10

Dopolnilo A7:2020 je dodatek k standardu SIST EN 15480-2:2018.

This document specifies the requirements for steel products used for industrial piping and supports. For some metallic materials other than steel, such as spheroidal graphite cast iron, aluminium, nickel, copper, titanium, requirements are or will be formulated in separate parts of this document. For metallic materials which are not covered by a harmonized material standard and are not likely to be in near future, specific rules are given in this part or the above cited parts of this document.

SIST EN ISO 11118:2016/A1:2020**2020-06 (po) (en;fr;de) 11 str. (C)**

Plinske jeklenke - Kovinske plinske jeklenke za enkratno polnitev - Specifikacija in preskusne metode - Dopolnilo A1 (ISO 11118:2015/Amd 1:2019)

Gas cylinders - Non-refillable metallic gas cylinders - Specification and test methods - Amendment 1 (ISO 11118:2015/Amd 1:2019)

Osnova: EN ISO 11118:2015/A1:2020

ICS: 23.020.35

Dopolnilo A1:2020 je dodatek k standardu SIST EN ISO 11118:2016.**Standard določa minimalne zahteve za material, konstruiranje, izdelavo in izvedbo, postopke izdelave in preskuse ob času proizvodnje varjenih, trdo spajkanih ali nevarjenih kovinskih plinskih jeklenk za enkratno polnitev za stisnjene, utekočinjene in raztopljene pline, izpostavljene ekstremnim temperaturam po vsem svetu.****SIST-TP CEN/TR 1591-2:2020**

SIST EN 1591-2:2008

2020-06 (po) (en;fr;de) 39 str. (H)

Prirobnice in prirobnični spoji - Pravila za konstruiranje prirobničnih spojev, sestavljenih iz okroglih prirobnic in tesnil - 2. del: Parametri tesnil

Flanges and their joints - Design rules for gasketed circular flange connections - Part 2: Gasket parameters

Osnova: CEN/TR 1591-2:2020

ICS: 23.040.60

This document details generic gasket parameters for use in EN 1591-1 during preliminary calculations during which the type of gasket to be used in an application is to be decided. Once the gasket type has been decided the parameters for gaskets of that type from the different potential commercial suppliers should be used in further calculations as within a gasket type there will be differences depending upon the supplier.

SIST/TC TOP oplota**SIST ISO 18523-1:2020****2020-06 (po) (en;fr) 259 str. (T)**

Energijske lastnosti stavb - Urniki in pogoji uporabe stavbe, con in prostorov za izračun rabe energije - 1. del: Nestanovanjske stavbe

Energy performance of buildings – Schedule and condition of building, zone and space usage for energy calculation – Part 1: Non-residential buildings

Osnova: ISO 18523-1:2016

ICS: 91.040.01, 91.120.10

ISO 18523-1:2016 specifies the formats to present schedule and condition of building, zone and space usage, which is to be referred to as input data of energy calculations for non-residential buildings.

The schedule and condition include schedules of occupancy, operation of technical building systems, ventilation rate, hot water usage and internal heat gains due to occupancy, lighting and equipment.

ISO 18523-1:2016 also gives categories of building, zone and space according to differentiating schedule and condition.

Depending on necessary minuteness of the energy calculation, different levels of schedule and condition from the view point of time and space averaging are specified.

The values and categories for the schedule and condition are given in annexes for more information for the application when the users of this document do not have detailed information on the values and categories for the schedule and condition.

The schedule and condition in this document is basically different from assumptions in order to determine the size of technical building systems in the process of design, where possible largest values are to be assumed. Instead, most usual and average values, which are assumed for the building energy calculation, are dealt with in this document.

SIST ISO 18523-2:2020

2020-06 (po) (en;fr) 58 str. (H)

Energijske lastnosti stavb - Urniki in pogoji uporabe stavbe, con in prostorov za izračun rabe energije - 2. del: Stanovanjske stavbe

Energy performance of buildings – Schedule and condition of building, zone and space usage for energy calculation – Part 2: Residential buildings

Osnova: ISO 18523-2:2018

ICS: 91.040.50, 91.120.10

ISO 18523-2:2018 specifies the formats to present the schedule and conditions of zone and space usage (referred to as input data of energy calculations) for residential buildings.

The schedule and conditions include schedules of occupancy, operation of technical building systems, ventilation rates, hot water usage, usage of appliances and internal heat gains due to occupancy, lighting and appliances. The schedule and conditions for lighting are applicable to fixed installed lighting fixtures.

ISO 18523-2:2018 also gives categories of residential building, zone and space according to differentiating schedule and condition. For residential buildings or its housing units which contain any category of space or zone of non-residential buildings, ISO 18523-1 applies.

Depending on necessary minuteness of the energy calculation, different levels of schedule and condition from the view point of time and space averaging are specified.

The values and categories for the schedule and condition are included informatively.

NOTE The schedule and condition in this document is basically different from assumptions in order to determine the size of technical building systems in the process of design, where possible largest or smallest values are assumed. Instead, most usual and average values, which are assumed for the building energy calculation, are dealt with in this document.

SIST/TC TRS Tehnično risanje, veličine, enote, simboli in grafični simboli

SIST EN ISO 7010:2020

SIST EN ISO 7010:2012

SIST EN ISO 7010:2012/A1:2014

SIST EN ISO 7010:2012/A2:2014

SIST EN ISO 7010:2012/A3:2014

SIST EN ISO 7010:2012/A4:2014

SIST EN ISO 7010:2012/A5:2015

SIST EN ISO 7010:2012/A6:2017

SIST EN ISO 7010:2012/A7:2017

2020-06 (po) (en;fr;de) 307 str. (U)

Grafični simboli - Varnostne barve in varnostni znaki - Registrirani varnostni znaki (ISO 7010:2019)

Graphical symbols - Safety colours and safety signs - Registered safety signs (ISO 7010:2019)

Osnova: EN ISO 7010:2020

ICS: 01.080.10, 13.200

This document prescribes safety signs for the purposes of accident prevention, fire protection, health hazard information and emergency evacuation.

The shape and colour of each safety sign are according to ISO 3864-1 and the design of the graphical symbols is according to ISO 3864-3.

This document is applicable to all locations where safety issues related to people need to be addressed. However, it is not applicable to the signalling used for guiding rail, road, river, maritime

and air traffic and, in general, to those sectors subject to a regulation which may differ with regard to certain points of this document and of the ISO 3864 series.

This document specifies the safety sign originals that can be scaled for reproduction and application purposes.

SIST ISO 7000:2020

SIST ISO 7000:2015

2020-06 (po) (en) 1 str. (AC)

Grafični simboli za uporabo na opremi - Registrirani simboli

Graphical symbols for use on equipment - Registered symbols

Osnova: ISO 7000:2019

ICS: 01.080.20

The ISO 7000 database provides a collection of graphical symbols which are placed on equipment or parts of equipment of any kind in order to instruct the person(s) using the equipment as to its operation. Each graphical symbol is identified by a reference number and contains a title, graphical representations in vectorized and non-vectorized formats, and some additional data as applicable, such as the function or the description of the symbol, the intended use, related symbols or publications. Various search and navigation facilities allow for easy retrieval of graphical symbols.

SIST/TC VAZ Varovanje zdravja

SIST EN ISO 11553-1:2020

SIST EN ISO 11553-1:2009

2020-06 (po) (en) 31 str. (G)

Varnost strojev - Laserski obdelovalni stroji - 1. del: Splošne varnostne zahteve (ISO 11553-1:2020)

Safety of machinery - Laser processing machines - Part 1: General safety requirements (ISO 11553-1:2020)

Osnova: EN ISO 11553-1:2020

ICS: 31.260, 13.110

EN-ISO 11553-1 describes laser radiation hazards arising in laser processing machines, as defined in 3.7. It also specifies the safety requirements relating to laser radiation hazards, as well as the information to be supplied by the manufacturers of such equipment (in addition to that prescribed by IEC 60825). Requirements dealing with noise as a hazard from laser processing machines are included in ISO 11553-3:2013. This document is applicable to machines using laser radiation to process materials. It is not applicable to laser products, or equipment containing such products, which are manufactured solely and expressly for the following applications:- photolithography;- stereolithography;- holography;- medical applications (per IEC 60601-2-22);- data storage.

SIST EN ISO 20695:2020

SIST EN 1615:2001

SIST EN 1618:2000

2020-06 (po) (en) 52 str. (J)

Enteralni sistemi (katetri) za hranjenje - Oblikovanje in preskušanje (ISO 20695:2020)

Enteral feeding systems - Design and testing (ISO 20695:2020)

Osnova: EN ISO 20695:2020

ICS: 11.040.25

This European Standard specifies requirements for the design and testing of single-use enteral feeding catheters, single-use enteral giving sets and their connection systems.

Requirements for radiodetectable enteral feeding catheters are not given in this standard.

SIST EN ISO 8637-1:2020

SIST EN ISO 8637:2014

2020-06 (po) (en) 30 str. (G)

Zunajtelesni pretočni sistemi za čiščenje krvi - 1. del: Hemodializatorji, hemodiafiltri, hemofiltri in hemokoncentratorji (ISO 8637-1:2017)

Extracorporeal systems for blood purification - Part 1: Haemodialysers, haemodiafilters, haemofilters and haemoconcentrators (ISO 8637-1:2017)

Osnova: EN ISO 8637-1:2020

ICS: 11.040.20, 11.040.40

EN-ISO 8637-1 specifies requirements for haemodialysers, haemodiafilters, haemofilters and haemoconcentrators, hereinafter collectively referred to as “the device”, for use in humans. This document does not apply to: - extracorporeal blood circuits; - plasmafilters; - haemoperfusion devices; - vascular access devices; - blood pumps; - pressure monitors for the extracorporeal blood circuit; - air detection devices; - systems to prepare, maintain or monitor dialysis fluid; - systems or equipment intended to perform haemodialysis, haemodiafiltration, haemofiltration or haemoconcentration; - reprocessing procedures and equipment.

SIST/TC VGA Varnost električnih aparatov za gospodinjstvo in podobne namene

SIST EN 60335-2-17:2013/A1:2020

2020-06 (po) (en) 15 str. (D)

Gospodinjski in podobni električni aparati - Varnost - 2-17. del: Posebne zahteve za grelne odeje, blazine in podobne zvijave grelne aparate - Dopolnilo A1

Household and similar electrical appliances - Safety - Part 2-17: Particular requirements for blankets, pads, clothing and similar flexible heating appliances

Osnova: EN 60335-2-17:2013/A1:2020

ICS: 13.120, 97.030

Dopolnilo A1:2020 je dodatek k standardu SIST EN 60335-2-17:2013.

Ta mednarodni standard obravnava varnost električnih grelnih odej, blazin, oblačil in podobnih zvijavih grelnih aparatov, ki segrevajo posteljo ali telo, za gospodinjstvo ali podobno rabo, pri čemer njihova nazivna napetost ni višja od 250 V. Ta standard se uporablja tudi za krmilne enote, ki so priložene aparatu. Področje uporabe tega standarda zajema aparate, ki niso namenjeni za običajno gospodinjstvo uporabo, vendar so lahko vir nevarnosti za javnost, kot so aparati, namenjeni za uporabo v kozmetičnih salonih ali s strani oseb pri nizkih okoljskih temperaturah. Zahteve in preskušanje za oblačila so podana v dodatku CC. Ta standard v največji možni meri obravnava splošne nevarnosti, ki jih predstavljajo aparati ter s katerimi se srečujejo osebe doma in v okolici doma. Vendar na splošno ne upošteva

- oseb (vključno z otroki), ki zaradi
- fizičnih, čutilnih ali duševnih zmožnosti ali zaradi
- neizkušenosti in neznanja aparata ne morejo varno uporabljati brez nadzora ali navodil;
- otrok, ki se z napravo igrajo.

SIST EN 60335-2-27:2014/A1:2020

2020-06 (po) (en) 12 str. (C)

Gospodinjski in podobni električni aparati - Varnost - 2-27. del: Posebne zahteve za aparate za nego kože z ultravijoličnim in infrardečim sevanjem - Dopolnilo A1

Household and similar electrical appliances - Safety - Part 2-27: Particular requirements for appliances for skin exposure to ultraviolet and infrared radiation

Osnova: EN 60335-2-27:2013/A1:2020

ICS: 97.170, 13.120

Dopolnilo A1:2020 je dodatek k standardu SIST EN 60335-2-27:2014.

Ta mednarodni standard obravnava varnost električnih aparatov za uporabo v gospodinjstvih in podobne vrste uporabe, ki so opremljeni z oddajniki za izpostavljanje kože ultravijoličnemu ali infrardečemu sevanju, pri čemer njihova nazivna napetost ne presega 250 V za enofazne naprave in 480 V za druge naprave. Področje uporabe tega standarda zajema tudi naprave, ki niso namenjene običajni uporabi v gospodinjstvih, vendar lahko kljub temu pomenijo nevarnost za ljudi, kot so naprave, ki se uporabljajo v solarijih, kozmetičnih salonih in podobno. Ta standard v največji možni meri obravnava splošne nevarnosti, ki jih predstavljajo naprave ter s katerimi se srečujejo osebe, ki uporabljajo UV naprave v solarijih, kozmetičnih salonih in podobno ali doma. Vendar na splošno ne upošteva: – oseb (vključno z otroki), ki zaradi – fizičnih, čutilnih ali duševnih zmožnosti ali – neizkušenosti in neznanja aparata ne morejo varno uporabljati brez nadzora ali navodil; – otrok, ki se igrajo z aparatom.

SIST EN 60335-2-27:2014/A2:2020

2020-06 (po) (en) 14 str. (D)

Gospodinjski in podobni električni aparati - Varnost - 2-27. del: Posebne zahteve za aparate za nego kože z ultravijoličnim in infrardečim sevanjem - Dopolnilo A2

Household and similar electrical appliances - Safety - Part 2-27: Particular requirements for appliances for skin exposure to optical radiation

Osnova: EN 60335-2-27:2013/A2:2020

ICS: 13.120, 97.170

Dopolnilo A2:2020 je dodatek k standardu SIST EN 60335-2-27:2014.

Ta mednarodni standard obravnava varnost električnih aparatov za uporabo v gospodinjstvih in podobne vrste uporabe, ki so opremljeni z oddajniki za izpostavljanje kože ultravijoličnemu ali infrardečemu sevanju, pri čemer njihova nazivna napetost ne presega 250 V za enofazne naprave in 480 V za druge naprave. Področje uporabe tega standarda zajema tudi naprave, ki niso namenjene običajni uporabi v gospodinjstvih, vendar lahko kljub temu pomenijo nevarnost za ljudi, kot so naprave, ki se uporabljajo v solarijih, kozmetičnih salonih in podobno. Ta standard v največji možni meri obravnava splošne nevarnosti, ki jih predstavljajo naprave ter s katerimi se srečujejo osebe, ki uporabljajo UV naprave v solarijih, kozmetičnih salonih in podobno ali doma. Vendar na splošno ne upošteva: – oseb (vključno z otroki), ki zaradi – fizičnih, čutilnih ali duševnih zmožnosti ali – neizkušenosti in neznanja aparata ne morejo varno uporabljati brez nadzora ali navodil; – otrok, ki se igrajo z aparatom.

SIST EN 60335-2-30:2010/A1:2020

2020-06 (po) (en) 15 str. (D)

Gospodinjski in podobni električni aparati - Varnost - 2-30. del: Posebne zahteve za sobne grelnike - Dopolnilo A1

Household and similar electrical appliances - Safety - Part 2-30: Particular requirements for room heaters

Osnova: EN 60335-2-30:2009/A1:2020

ICS: 13.120, 97.100.10

Dopolnilo A1:2020 je dodatek k standardu SIST EN 60335-2-30:2010.

Ta klavzula prvega dela je nadomeščena, kot sledi. Ta mednarodni standard obravnava varnost električnih sobnih grelnikov za gospodinjstvo in podobne namene, katerih napetost je manjša od 250 V za enofazne aparate in od 480 V za ostale aparate. Kolikor je smiselno, velja za ekstrakcijske ventilatorje aparatov z grelno žarnico, nameščene na stropu, IEC 60335-2-80. Aparati, ki niso namenjeni za običajno rabo v gospodinjstvu, vendar so kljub temu lahko vir nevarnosti za javnost, kot naprave namenjene uporabi laikov v trgovinah, v lahki industriji in na kmetijah, so zajeti v tem standardu. V kolikor je izvedljivo, se ta standard ukvarja s splošnimi nevarnostmi, ki jih predstavljajo aparati, in na katere so naleteli osebe doma ali v okolici doma. Vendar na splošno ne upošteva: – oseb (vključno z otroki) katerim – pomanjkanje fizičnih, čutilnih ali duševnih zmožnosti; ali – pomanjkanje izkušenj in znanja preprečuje varno uporabo aparata brez nadzora ali navodil; - igranje otrok z aparatom.

SIST EN 60335-2-6:2015/A1:2020**2020-06 (po) (en) 9 str. (C)**

Gospodinjski in podobni električni aparati - Varnost - 2-6. del: Posebne zahteve za nepremične štedilnike, kuhalnike, pečice in podobne aparate - Dopolnilo A1

Household and similar electrical appliances - Safety - Part 2-6: Particular requirements for stationary cooking ranges, hobs, ovens and similar appliances

Osnova: EN 60335-2-6:2015/A1:2020

ICS: 97.040.20, 13.120

Dopolnilo A1:2020 je dodatek k standardu SIST EN 60335-2-6:2015.

Replace the fourth paragraph including the two dashed items by:

As far as is practicable, this standard deals with the common hazards presented by appliances that are encountered by all persons in household and similar environments.

However, in general, it does not take into account:

- children playing with the appliance,
- the use of the appliance by very young children
- the use of the appliance by young children without supervision,

It is recognized that very vulnerable people may have needs beyond the level addressed in this standard.

SIST EN 60335-2-6:2015/A11:2020**2020-06 (po) (en) 6 str. (B)**

Gospodinjski in podobni električni aparati - Varnost - 2-6. del: Posebne zahteve za nepremične štedilnike, kuhalnike, pečice in podobne aparate - Dopolnilo A11

Household and similar electrical appliances - Safety - Part 2-6: Particular requirements for stationary cooking ranges, hobs, ovens and similar appliances

Osnova: EN 60335-2-6:2015/A11:2020

ICS: 97.040.20, 13.120

Dopolnilo A11:2020 je dodatek k standardu SIST EN 60335-2-6:2015.

Replace the fourth paragraph including the two dashed items by:

As far as is practicable, this standard deals with the common hazards presented by appliances that are encountered by all persons in household and similar environments.

However, in general, it does not take into account:

- children playing with the appliance,
- the use of the appliance by very young children
- the use of the appliance by young children without supervision,

It is recognized that very vulnerable people may have needs beyond the level addressed in this standard.

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

SIST EN 62841-3-4:2016/A1:2020**2020-06 (po) (en) 6 str. (B)**

Elektromotorna ročna orodja, prenosna orodja ter stroji za trato in vrt - Varnost - 3-4. del: Posebne zahteve za prenosne namizne brusilnike - Dopolnilo A1 (IEC 62841-3-4:2016/A1:2019)

Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-4: Particular requirements for transportable bench grinders (IEC 62841-3-4:2016/A1:2019)

Osnova: EN 62841-3-4:2016/A1:2020

ICS: 25.080.50, 25.140.20

Dopolnilo A1:2020 je dodatek k standardu SIST EN 62841-3-4:2016.

Ta točka 1. dela se uporablja, razen kot sledi:

Dodatek:

Ta del standarda IEC 62841 se uporablja za prenosne namizne brusilnike, ki jih je mogoče opremiti z enim ali dvema od naslednjih priključkov:

– brusni koluti tipa 1 v skladu s standardom ISO 603-4:1999 s premerom največ 310 mm in debelino največ 55 mm;

– žične krtače s premerom največ 310 mm in debelino največ 55 mm;

– polirni koluti s premerom največ 310 mm;

pri čemer mora biti vrednost periferne hitrosti katerega koli priključka od 10 m/s do 50 m/s.

OPOMBA: polirni koluti se imenujejo tudi koluti za brušenje.

SIST EN 62841-3-4:2016/A12:2020

2020-06 (po) (en;fr) 6 str. (B)

Elektromotorna ročna orodja, prenosna orodja ter stroji za trato in vrt - Varnost - 3-4. del: Posebne zahteve za prenosne namizne brusilnike - Dopolnilo A12

Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-4: Particular requirements for transportable bench grinders

Osnova: EN 62841-3-4:2016/A12:2020

ICS: 25.140.20, 25.080.50

Dopolnilo A12:2020 je dodatek k standardu SIST EN 62841-3-4:2016.

Ta točka 1. dela se uporablja, razen kot sledi:

Dodatek:

Ta del standarda IEC 62841 se uporablja za prenosne namizne brusilnike, ki jih je mogoče opremiti z enim ali dvema od naslednjih priključkov:

– brusni koluti tipa 1 v skladu s standardom ISO 603-4:1999 s premerom največ 310 mm in debelino največ 55 mm;

– žične krtače s premerom največ 310 mm in debelino največ 55 mm;

– polirni koluti s premerom največ 310 mm;

pri čemer mora biti vrednost periferne hitrosti katerega koli priključka od 10 m/s do 50 m/s.

OPOMBA: polirni koluti se imenujejo tudi koluti za brušenje.

SIST EN 62841-4-1:2020

SIST EN 60745-2-13:2009

SIST EN 60745-2-13:2009/A1:2011

2020-06 (po) (en) 68 str. (K)

Elektromotorna ročna orodja, prenosna orodja ter stroji za trato in vrt - Varnost - 4-1. del: Posebne zahteve za verižne žage (IEC 62841-4-1:2017)

Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 4-1: Particular requirements for chain saws (IEC 62841-4-1:2017)

Osnova: EN 62841-4-1:2020

ICS: 65.060.80, 25.080.60, 25.140.20

EN-IEC 62841-4-1 applies to chain saws for cutting wood and designed for use by one person. This standard does not cover chain saws designed for use in conjunction with a guide-plate and riving knife or in any other way such as with a support or as a stationary or transportable machine. This standard does not apply to - chain saws for tree service as defined in ISO 11681-2; or - pole-mounted pruners. The chain saws covered by this standard are designed only to be operated with the right hand on the rear handle and the left hand on the front handle.

SIST EN IEC 60086-6:2020**2020-06 (po) (en) 36 str. (H)**

Primarne baterije - 6. del: Navodilo glede okoljskih vidikov (IEC 60086-6:2020)

Primary batteries - Part 6: Guidance on environmental aspects (IEC 60086-6:2020)

Osnova: EN IEC 60086-6:2020

ICS: 29.220.10

EN-IEC 60086-6 applies to all chemistries of portable primary cells and batteries standardized in the 60086 series. The purpose of this document is to provide guidance on the proper scientific protocols for testing the environmental performance of batteries; the symbols used to convey messages for collection, recycling, or other ideas; and the aspects and functional unit(s) to be included in assessing the environmental impact of batteries with modern life-cycle analysis techniques.

SIST EN IEC 61225:2020**2020-06 (po) (en) 37 str. (H)**

Nuklearne elektrarne - Merilni, nadzorni in elektroenergetski sistemi - Zahteve za statične neprekinjene enosmerne in izmenične napajalne sisteme (IEC 61225:2019)

Nuclear power plants - Instrumentation, control and electrical power systems - Requirements for static uninterruptible DC and AC power supply systems (IEC 61225:2019)

Osnova: EN IEC 61225:2020

ICS: 27.120.20

This document specifies the performance and the functional characteristics of the low voltage static uninterruptible power supply (SUPS) systems in a nuclear power plant and, for applicable parts, in general for nuclear facilities. An uninterruptible power supply is an electrical equipment which draws electrical energy from a source, stores it and maintains supply in a specified form by means inside the equipment to output terminals. A static uninterruptible power supply (SUPS) has no rotating parts to perform its functions.

The specific design requirements for the components of the power supply system are covered by IEC standards and standards listed in the normative references and are otherwise outside the scope of this document.

SIST EN IEC 62282-3-100:2020

SIST EN 62282-3-100:2012

2020-06 (po) (en) 87 str. (M)

Tehnologije gorivnih celic - 3-100. del: Nepremični elektroenergetski sistemi z gorivnimi celicami - Varnost (IEC 62282-3-100:2019)

Fuel cell technologies - Part 3-100: Stationary fuel cell power systems - Safety (IEC 62282-3-100:2019)

Osnova: EN IEC 62282-3-100:2020

ICS: 27.070

This part of IEC 62282 applies to stationary packaged, self-contained fuel cell power systems or fuel cell power systems comprised of factory matched packages of integrated systems which generate electricity through electrochemical reactions.

This document applies to systems intended for electrical connection to mains direct, or with a transfer switch, or to a standalone power distribution system;

intended to provide AC or DC power;

with or without the ability to recover useful heat;

intended for operation on the following input fuels:

natural gas and other methane rich gases derived from renewable (biomass) or fossil fuel sources, for example, landfill gas, digester gas, coal mine gas;

fuels derived from oil refining, for example, diesel, gasoline, kerosene, liquefied petroleum gases such as propane and butane;

alcohols, esters, ethers, aldehydes, ketones, Fischer-Tropsch liquids and other suitable hydrogen-rich organic compounds derived from renewable (biomass) or fossil fuel sources, for example, methanol, ethanol, di-methyl ether, biodiesel;

hydrogen, gaseous mixtures containing hydrogen gas, for example, synthesis gas, town gas.

This document does not cover:

- micro fuel cell power systems;
- portable fuel cell power systems;
- propulsion fuel cell power systems.

NOTE For special applications such as “marine auxiliary power”, additional requirements can be given by the relevant marine ship register standard.

This document is applicable to stationary fuel cell power systems intended for indoor and outdoor commercial, industrial and residential use in non-hazardous areas.

This document contemplates all significant hazards, hazardous situations and events, with the exception of those associated with environmental compatibility (installation conditions), relevant to fuel cell power systems, when they are used as intended and under the conditions foreseen by the manufacturer.

This document deals with conditions that can yield hazards on the one hand to persons, and on the other to damage outside the fuel cell power system only. Protection against damage to the fuel cell power system internals is not addressed in this document, provided it does not lead to hazards outside the fuel cell power system.

SIST EN 45552:2020

2020-06 (po) (en) 32 str. (G)

Splošna metoda za oceno trajnosti izdelkov, povezanih z energijo
General method for the assessment of the durability of energy-related products

Osnova: EN 45552:2020

ICS: 13.020.20

The standard will cover a set of parameters for assessing durability of energy-related products (ErP) and a general method to describe and assess the durability of ErP, i.e. both electrotechnical and non-electro technical products, respectively it shall be applicable to all energy-related products, that is, all products covered by the Ecodesign Directive 2009/125/EC.

SIST EN IEC 60118-13:2020

SIST EN 60118-13:2011

2020-06 (po) (en) 25 str. (F)

Elektroakustika - Slušni pripomočki - 13. del: Zahteve in metode merjenja elektromagnetne odpornosti proti mobilnim digitalnim brezžičnim napravam (IEC 60118-13:2019)

Electroacoustics - Hearing aids - Part 13: Requirements and methods of measurement for electromagnetic immunity to mobile digital wireless devices (IEC 60118-13:2019)

Osnova: EN IEC 60118-13:2020

ICS: 33.100.20, 17.140.50, 11.180.15

This part of IEC 60118 covers the relevant EMC phenomena for hearing aids. Hearing aid immunity to high frequency fields originating from digital wireless devices such as mobile phones was identified as one of the most relevant EMC phenomena impacting hearing aids.

SIST EN IEC 61162-460:2018/A1:2020

2020-06 (po) (en) 8 str. (B)

Pomorska navigacijska in radiokomunikacijska oprema in sistemi - Digitalni vmesniki - 460. del: Več govorcev in poslušalcev - Povezovanje prek eterneta - Varnost in zaščita - Dopolnilo A1 (IEC 61162-460:2018/A1:2020)

Maritime navigation and radiocommunication equipment and systems - Digital interfaces - Part 460: Multiple talkers and multiple listeners - Ethernet interconnection - Safety and security (IEC 61162-460:2018/A1:2020)

Osnova: EN IEC 61162-460:2018/A1:2020

ICS: 35.200, 47.020.70

Dopolnilo A1:2020 je dodatek k standardu SIST EN IEC 61162-460:2018.

Ta del standarda IEC 61162 je dodatek k standardu IEC 61162-450 za področja, na katerih so zahtevani strožji standardi varnosti in zaščite, npr. zaradi visoke stopnje izpostavljenosti zunanjim nevarnostnim ali izboljšanja integritete omrežja. Ta dokument določa zahteve in preskusne metode za opremo, ki se uporabi v omrežju, skladnim s standardom IEC 61162-460, ter zahteve za omrežje samo in zahteve za povezovanje zadevnega omrežja z drugimi omrežji. Ta dokument vsebuje tudi zahteve za redundantno omrežje, skladno s standardom EC 61162-460.

Dokument ne uvaja novih zahtev za protokol aplikacijske plasti k zahtevam, opredeljenim v standardu IEC 61162-450.

SIST EN IEC 62435-3:2020

2020-06 (po) (en) 15 str. (D)

Elektronske komponente - Dolgoročno skladiščenje elektronskih polprevodniških elementov - 3. del: Podatki (IEC 62435-3:2020)

Electronic components - Long-term storage of electronic semiconductor devices - Part 3: Data (IEC 62435-3:2020)

Osnova: EN IEC 62435-3:2020

ICS: 31.080.01

This part of IEC 62435 describes the aspects of data storage that are necessary for successful use of electronic components being stored after long periods while maintaining traceability or chain of custody. It defines what sort of data needs to be stored alongside the components or dies and the best way to do so in order to avoid losing data during the storage period. As defined in this document, long-term storage refers to a duration that can be more than twelve months for products scheduled for long duration storage. Philosophy, good working practice, and general means to facilitate the successful long-term-storage of electronic components are also addressed.

NOTE In IEC 62435 (all parts), the term "components" is used interchangeably with dice, wafers, passives and packaged devices.

SIST EN IEC 62812:2019/AC:2020

2020-06 (po) (en,fr) 3 str. (AC)

Meritve nizke upornosti - Metode in navodila - Popravek AC (IEC 62812:2019/COR1:2020)

Low resistance measurements - Methods and guidance (IEC 62812:2019/COR1:2020)

Osnova: EN IEC 62812:2019/AC:2020-04

ICS: 31.040.01

Popravek k standardu SIST EN IEC 62812:2019.

Na meritve upornosti običajno vplivajo različni pojavi, na primer serijska upornost na poti merjenja, samosegrevanje ali neohmske lastnosti. Če je vpliv teh pojavov na merjenje upornosti sprejemljiv ali ne, je odvisno od obsega posameznega učinka v primerjavi z upornostjo in zahtevano natančnostjo. Tako se tveganje za napačne meritve upornosti poveča z zmanjšano upornostjo in zaostrovanjem dopustnega odstopanja.

Ta dokument določa merilne metode in povezane preskusne pogoje za odpravo ali zmanjšanje vpliva škodljivih pojavov, da bi izboljšali dosegljivo natančnost meritev nizke upornosti.

Metode, ki so opisane v tem dokumentu, se uporabljajo za posamezne meritve upornosti posameznih uporov ter za meritve upornosti kot del preskusnega zaporedja. Metode se uporabljajo, če jih predpisuje specifikacija ustreznega sestavnega dela ali se o tem dogovorita kupec in proizvajalec.

SS SPL Strokovni svet SIST za splošno področje

SIST EN 12512-15:2020

SIST EN 12512-15:2006+A1:2009

2020-06 (po) (en;fr;de) 31 str. (G)

Podporna oprema na tleh za letalski promet - Posebne zahteve - 15. del: Vlečni traktorji za prtljago in opremo

Aircraft ground support equipment - Specific requirements - Part 15: Baggage and equipment tractors

Osnova: EN 12512-15:2020

ICS: 49.100

This European Standard specifies the technical requirements to minimise the hazards listed in Clause 4 which can arise during the commissioning, the operation and the maintenance of baggage and equipment tractors when used as intended, including misuse reasonably foreseeable by the manufacturer, when carried out in accordance with the specifications given by the manufacturer or his authorised representative. It also takes into account some requirements recognised as essential by authorities, aircraft and ground support equipment (GSE) manufacturers as well as airlines and handling agencies.

This European Standard applies to self propelled baggage and equipment tractors with driver accommodation.

This European Standard does not apply to pedestrian controlled equipment.

This European Standard deals with vibrations which are considered as significant. It does not establish requirements for noise. Vibration measurements are dealt with in EN 1915-5. Noise measurements and reduction are dealt with in EN 1915-4.

This part of EN 12512 is not applicable to baggage and equipment tractors manufactured before the date of its publication.

This part of EN 12512 when used in conjunction with EN 1915-1, EN 1915-2, EN 1915-3 and EN 1915-4 provides the requirements for baggage and equipment tractors.

SIST EN 151-4:2020

SIST EN 151-4:2007

2020-06 (po) (en;fr;de) 19 str. (E)

Lestve - 4. del: Lestve z enim ali več pregibi

Ladders - Part 4: Single or multiple hinge-joint ladders

Osnova: EN 151-4:2020

ICS: 97.145

This European Standard specifies the requirements, tests and marking of hinged combination ladders with one or several hinge joints.

This European Standard is not applicable to hinge-joints of combination and standing ladders as defined by EN 151 1.

This part of the standard is intended to be used in conjunction with EN 151 1, EN 151 2 and EN 151 3.

SIST EN 14624:2020

SIST EN 14624:2012

2020-06 (po) (en;fr;de) 56 str. (H)

Lastnosti premično lociranih javljalnikov puščanja in fiksnih detektorjev plina za vsa hladilna sredstva

Performance of portable locating leak detectors and of fixed gas detectors for all refrigerants

Osnova: EN 14624:2020

ICS: 13.520, 27.200, 71.100.45

This document specifies the requirements for portable locating leak detectors and fixed gas detectors for all refrigerants.

Locating detectors used in factories for manufacturing processes are not included in the Scope of prEN 14624.

1.1 Product application:

This document applies to different applications and environments such as plant and machine rooms, production rooms, cold rooms, supermarkets, occupied spaces like offices and hotels.

1.2 Product performance:

This document specifies minimum requirements for sensitivity, operating range, response time, environmental conditions and cross sensitivity from interference gases.

1.3 Product installation:

This document gives guidance of suitable technology, location of detection points, interconnection with secondary equipment (e.g. initiation of mechanical ventilation, personnel warning, equipment shutdown).

1.4 Service and maintenance:

This document gives guidance for service and maintenance: Sensors and mechanical equipment have a limited operating life and require regular performance verification to ensure conformity.

SIST EN 15597-1:2020

SIST EN 15597-1:2010

2020-06 (po) (en;fr;de) 17 str. (E)

Oprema za zimska vzdrževalna dela - Posipalniki in škropilniki - 1. del: Splošne zahteve in definicije
Winter maintenance equipment - Spreading and spraying machines - Part 1: General requirements and definitions

Osnova: EN 15597-1:2020

ICS: 43.160

This European Standard determines the demands on design and construction of bulk spreaders, trailer spreaders and towed spreaders with speed related spreading for winter service. At the same time, information is given on the minimum content required for operating manuals.

The standard is valid for machines which are used to spread the following media:

- a) spreading not pre-wetted and pre-wetted thawing media;
- b) abrasive spreading agents;
- c) brine.

The following points are not covered by this standard:

- requirements for registration and approval;
- requirements made by automobile manufacturers;
- requirements on safety - these are dealt with in EN 13021.

SIST EN 16602-10-09:2020

SIST EN 16602-10-09:2014

2020-06 (po) (en;fr;de) 34 str. (H)

Zagotavljanje kakovosti proizvodov v vesoljski tehniki - Sistem kontrole neskladnosti
Space product assurance - Nonconformance control system

Osnova: EN 16602-10-09:2020

ICS: 03.120.99, 49.140

This Standard defines the requirements for the control of nonconformances.

This Standard applies to all deliverable products and supplies, at all levels, which fail to conform to project requirements.

This Standard is applicable throughout the whole project lifecycle as defined in ECSS-M-ST-10.

This standard may be tailored for the specific characteristics and constrains of a space project in conformance with ECSS-S-ST-00.

SIST EN 16602-20:2020

SIST EN 16602-20:2014

2020-06 (po) (en;fr;de) 70 str. (K)

Zagotavljanje kakovosti proizvodov v vesoljski tehniki - Zagotavljanje kakovosti
Space product assurance - Quality assurance

Osnova: EN 16602-20:2020

ICS: 03.120.99, 49.140

This Standard defines the quality assurance (QA) requirements for the establishment and implementation of a Quality Assurance programme for products of space projects. Discipline related qualification activities are complemented in standards specific to those disciplines (e.g. ECSS-E-ST-32-01 for fracture control).

For software quality assurance, the software product assurance standard, ECSS-Q-ST-80 is applicable.

This Standard is applicable to all space projects.

This standard may be tailored for the specific characteristic and constraints of a space project in conformance with ECSS-S-ST-00.

For the tailoring of this standard the following information is provided:

- A table providing the pre-tailoring per "Product types" in clause 6
- A table providing the pre-tailoring per "Project phase" in Annex J

SIST EN 16602-70-17:2020

2020-06 (po) (en;fr;de) 45 str. (I)

Zagotavljanje kakovosti proizvodov v vesoljski tehniki - Preskušanje trajnosti prevlek in površinske opreure

Space product assurance - Durability testing of coatings and surface finishes

Osnova: EN 16602-70-17:2020

ICS: 03.120.99, 49.140, 49.040

This standard specifies requirements for the durability testing of coatings most commonly used for space applications, i.e.:

- Thin film optical coatings
- Thermo-optical and thermal control coatings (the majority are paints, metallic deposits and coatings for stray light reduction)
- Metallic coatings for other applications (RF, electrical, corrosion protection)

This standard covers testing for both ground and in-orbit phases of a space mission, mainly for satellite applications.

This standard applies to coatings within off the shelf items

This standard specifies the types of test to be performed for each class of coating, covering the different phases of a space project (evaluation, qualification and acceptance)

This standard does not cover:

- The particular qualification requirements for a specific mission
- Specific applications of coatings for launchers (e.g. high temperature coatings)
- Specific functional testing requirements for the different coating classes
- Test requirements for long term storage
- Solar cell cover glass coatings
- Surface treatments and conformal coatings applied on EEE parts

SIST EN 16603-50-12:2020

2020-06 (po) (en;fr;de) 123 str. (O)

Vesoljska tehnika - SpaceWire - Povezave, vozlišča, usmerjevalniki in omrežja

Space engineering - SpaceWire - Links, nodes, routers and networks

Osnova: EN 16603-50-12:2020

ICS: 49.140

This Standard specifies the physical interconnection media and data communication protocols to enable the reliable sending of data at high-speed (between 2 Mb/s and 400 Mb/s) from one unit to another. SpaceWire links are full-duplex, point-to-point, serial data communication links.

The scope of this Standard is the physical connectors and cables, electrical properties, and logical protocols that comprise the SpaceWire data link. SpaceWire provides a means of sending packets of information from a source node to a specified destination node. SpaceWire does not specify the contents of the packets of information.

This Standard covers the following protocol levels:

- Physical level: Defines connectors, cables, cable assemblies and printed circuit board tracks.
- Signal level: Defines signal encoding, voltage levels, noise margins, and data signalling rates.
- Character level: Defines the data and control characters used to manage the flow of data across a link.
- Exchange level: Defines the protocol for link initialization, flow control, link error detection and link error recovery.
- Packet level: Defines how data for transmission over a SpaceWire link is split up into packets.
- Network level: Defines the structure of a SpaceWire network and the way in which packets are transferred from a source node to a destination node across a network. It also defines how link errors and network level errors are handled.

This Standard may be tailored for the specific characteristics and constraints of a space project in conformance with ECSS-S-ST-00.

SIST EN 17295:2020

2020-06 (po) (en;fr;de) 17 str. (E)

Oprema za začasna dela - Izvedba - Zahteve za izdelavo

Temporary works equipment - Execution - Requirements for manufacturing

Osnova: EN 17295:2020

ICS: 91.220

This document specifies requirements for manufacturing components for temporary works equipment:

a) in a factory or;

b) on site where manufacturing in a factory is not practicable.

This document specifies requirements for manufacturing components for temporary works equipment in addition or contrary to the requirements of EN 1090-2/EN 1090-3 and EN 1995-1-1.

Furthermore this document specifies requirements for manufacturing timber components, designed according to Eurocodes, to be used in temporary works equipment.

This document does not specify requirements for erection and transportation of temporary works equipment.

SIST EN 17599:2020

2020-06 (po) (en;fr;de) 11 str. (C)

Alge in proizvodi iz alg - Izrazi in definicije

Algae and algae products - Terms and definitions

Osnova: EN 17599:2020

ICS: 13.020.55, 01.040.13

This European Standard defines the terms related to functions, products, and properties of algae and algae products.

SIST EN 6046:2020

2020-06 (po) (en;fr;de) 17 str. (E)

Aeronavtika - Kroglasti drsni ležaji iz korozijsko odpornega jekla - Ozki tip - Mere in obremenitve - Palčne mere

Aerospace series - Bearing, spherical, plain, in corrosion resisting steel - Narrow series - Dimensions and loads - Inch series

Osnova: EN 6046:2020

ICS: 21.100.01, 49.035

This European standard specifies the characteristics of inch based spherical plain bearing, metal to metal, in corrosion resisting steel, narrow series.

They are intended for use in fixed or moving parts of the aircraft structure and their control mechanisms.

They shall be used in the temperature range as determined by the grease capability as below:

— code A: grease as per MIL-PRF-23827 Type I, operating temperature range $-73\text{ }^{\circ}\text{C}$ to $121\text{ }^{\circ}\text{C}$;
— code B: grease as per MIL-PRF-81322, operating temperature range $-54\text{ }^{\circ}\text{C}$ to $177\text{ }^{\circ}\text{C}$.

The range of application for bearings lubricated with grease per code A is limited to $121\text{ }^{\circ}\text{C}$. In both cases the spherical surface of the outer or inner ring have to be provided with a dry-film lubricant as per MIL-PRF-46010 or equivalent (anti-seizing protection).

SIST EN 840-1:2020

SIST EN 840-1:2015

2020-06 (po) (en;fr;de) 18 str. (E)

Premični zabojniki za odpadke in za recikliranje - 1. del: Zabojniki na dveh kolesih s prostornino do 400 l za iztresalnike z glavnikom - Mere in oblika

Mobile waste and recycling containers - Part 1: Containers with 2 wheels with a capacity up to 400 l for comb lifting devices - Dimensions and design

Osnova: EN 840-1:2020

ICS: 13.030.40

This European Standard specifies dimensions and design requirements of mobile waste and recycling containers with 2 wheels, with capacity up to 400 l to be used by comb lifting devices.

SIST EN 840-2:2020

SIST EN 840-2:2014

2020-06 (po) (en;fr;de) 16 str. (D)

Premični zabojniki za odpadke in za recikliranje - 2. del: Zabojniki na štirih kolesih s prostornino do 1500 l in ravnim(-i) pokrovom(-i) za iztresalnike z rokama in/ali glavnikom - Mere in oblika

Mobile waste and recycling containers - Part 2: Containers with 4 wheels with a capacity up to 1 500 l with flat lid(s), for trunnion and/or comb lifting devices - Dimensions and design

Osnova: EN 840-2:2020

ICS: 13.030.40

This European Standard specifies dimensions and design requirements of mobile waste containers with 4 wheels, with flat lid(s) and capacity up to 1 500 l to be used by trunnion and/or comb lifting device.

SIST EN 840-3:2020

SIST EN 840-3:2014

2020-06 (po) (en;fr;de) 18 str. (E)

Premični zabojniki za odpadke in za recikliranje - 3. del: Zabojniki na štirih kolesih s prostornino do 1500 l in izbočenim(-i) pokrovom(-i) za iztresalnike z rokama in/ali glavnikom - Mere in oblika

Mobile waste and recycling containers - Part 3: Containers with 4 wheels with a capacity up to 1 500 l with dome lid(s), for trunnion and/or comb lifting devices - Dimensions and design

Osnova: EN 840-3:2020

ICS: 13.030.40

This European Standard specifies dimensions and design requirements of mobile waste and recycling containers with 4 wheels, with dome lid(s) and capacity up to 1 500 l to be used by trunnion and/or comb lifting device.

SIST EN 840-4:2020

SIST EN 840-4:2014

2020-06 (po) (en;fr;de) 18 str. (E)

Premični zabojniki za odpadke in za recikliranje - 4. del: Zabojniki na štirih kolesih s prostornino do 1700 l in ravnim(-i) pokrovom(-i) za široke iztresalnike z rokama ali BG in/ali glavnikom - Mere in oblika

Mobile waste and recycling containers - Part 4: Containers with 4 wheels with a capacity up to 1 700 l with flat lid(s), for wide trunnion or BG- and/or wide comb lifting devices - Dimensions and design

Osnova: EN 840-4:2020

ICS: 13.030.40

This European Standard specifies dimensions and design requirements of mobile waste and recycling containers with 4 wheels, with flat lid(s) and capacity up to 1 700 l to be used by wide trunnion or BG-lifting device and/or wide comb lifting device.

SIST EN 840-5:2020

SIST EN 840-5:2014

2020-06 (po) (en;fr;de) 28 str. (G)

Premični zabojniki za odpadke in za recikliranje - 5. del: Zahtevane lastnosti in preskusne metode
Mobile waste and recycling containers - Part 5: Performance requirements and test methods

Osnova: EN 840-5:2020

ICS: 13.030.40

This European Standard gives the test methods for mobile waste and recycling containers according to EN 840-1 to EN 840-4. It also gives the levels to be reached during the tests or after they have been done. This European Standard is applicable to mobile waste and recycling containers with capacities up to 1 700 l.

SIST EN 840-6:2020

SIST EN 840-6:2014

2020-06 (po) (en;fr;de) 9 str. (C)

Premični zabojniki za odpadke in za recikliranje - 6. del: Varnostne in zdravstvene zahteve
Mobile waste and recycling containers - Part 6: Safety and health requirements

Osnova: EN 840-6:2020

ICS: 13.030.40

This European Standard provides the essential safety, health and ergonomic requirements for mobile waste and recycling containers according to EN 840-1 to EN 840-4, not including hazardous wastes containers.

SIST EN ISO 11105:2020

SIST EN ISO 11105:2017

2020-06 (po) (en;fr;de) 18 str. (E)

Mala plovila - Zračenje bencinskega motorja in/ali prostorov za bencinski tank (ISO 11105:2020)
Small craft - Ventilation of petrol engine and/or petrol tank compartments (ISO 11105:2020)

Osnova: EN ISO 11105:2020

ICS: 47.020.20, 47.080

This document specifies requirements for the ventilation of petrol engine and petrol tank compartments in small craft having petrol engines for propulsion, electrical generation or mechanical power, to prevent the accumulation of explosive gases in these compartments. Personal watercraft are not covered in this document.

SIST EN ISO 17409:2020

SIST EN ISO 17409:2017

2020-06 (po) (en;fr;de) 49 str. (I)

Cestna vozila na električni pogon - Prevodni prenos moči - Varnostne zahteve (ISO 17409:2020)
Electrically propelled road vehicles - Conductive power transfer - Safety requirements (ISO 17409:2020)

Osnova: EN ISO 17409:2020

ICS: 43.120

This document specifies electric safety requirements for conductive connection of electrically propelled road vehicles to external electric circuits. External electric circuits include external electric power supplies and external electric loads. This document provides requirements for the charging modes 2, 3, 4, as defined in IEC 61851-1, and reverse power transfer. For mode 4, this document provides requirements regarding the connection to an isolated DC EV charging station according to IEC 61851-23.

NOTE 1 This edition does not provide requirements for mode 1.

NOTE 2 External electric circuits are not part of the vehicle.

This document applies to the on-board sections of vehicle power supply circuits. It applies also to dedicated power supply control functions used for the connection of the vehicle to an external electric circuit.

It does not provide comprehensive safety information for manufacturing, maintenance and repair personnel.

NOTE 3 ISO 6469-3 provides general electrical safety requirements for electrically propelled road vehicles.

NOTE 4 With this edition of this document the limitation of y-capacitance for protection against electric shock under single failure conditions is no longer applicable as a fault protection provision when the vehicle has a conductive DC connection to an external electric circuit.

SIST EN ISO 20321:2020

2020-06 (po) (en;fr;de) 34 str. (H)

Petrokemična industrija ter industrija za predelavo nafte in zemeljskega plina - Varnost strojev - Električna dvigala (ISO 20321:2020)

Petroleum, petrochemical and natural gas industries - Safety of machineries - Powered elevators (ISO 20321:2020)

Osnova: EN ISO 20321:2020

ICS: 53.020.01, 75.180.10, 13.110

This document specifies general safety requirements for the design, testing and production of powered elevators. The requirements are applicable for on- and off-shore applications of such elevators in the petroleum, petrochemical and natural gas industries.

This document does not cover any other type of elevator. It is not applicable to the following types of products: lifting nubbins, lifting plugs, lifting subs, internal gripping devices, equipment for lifting tubular from and onto a vessel. This list is not exclusive.

SIST EN ISO 20361:2019/A11:2020

2020-06 (po) (en;fr;de) 4 str. (A)

Črpalke za tekočine in črpalni agregati - Preskusni postopki za merjenje hrupa - Razreda točnosti 2 in 3 - Dopolnilo A11 (ISO 20361:2019)

Liquid pumps and pumps units - Noise test code - Grades 2 and 3 of accuracy (ISO 20361:2019)

Osnova: EN ISO 20361:2019/A11:2020

ICS: 23.080, 17.140.20

Dopolnilo A11:2020 je dodatek k standardu SIST EN ISO 20361:2019.

Ta dokument določa vse potrebne informacije za učinkovito določanje, objavljanje in preverjanje emisij hrupa črpalk za tekočine in črpalnih agregatov, ki bo potekalo pod standardiziranimi pogoji (glej točko 4.1). Določa preskusne postopke za merjenje hrupa ter zahteve za delovanje in priključitev, ki se uporabljajo za preskus. Lastnosti emisij hrupa vključujejo ravni emisij zvočnega tlaka na določenih položajih in raven zvočne moči. Določanje teh količin je potrebno za: – objavljanje vrednosti emisij hrupa; in – namen zvočne zaščite pri viru v fazi projektiranja. Določanje teh količin je prav tako potrebno za primerjavo emisij hrupa različnih črpalk za tekočine na trgu. Uporaba tega dokumenta zagotavlja ponovljivost določanja značilnosti zračnih emisij hrupa v določenih mejah, ki jih določa razred točnosti uporabljene osnovne metode merjenja zračnih emisij hrupa. Metode merjenja hrupa, ki jih določa ta dokument, so inženirske metode (razred 2) in metode raziskovanja (razred 3). Ta dokument ne zajema karakterizacije strukturnega zvoka in vodnega hrupa, ki ju proizvajajo črpalke za tekočine.

SIST EN ISO 21043-2:2020**2020-06 (po) (en;fr;de) 21 str. (F)**

Forenzične znanosti - 2. del: Prepoznavanje, snemanje, zbiranje, prevoz in shranjevanje predmetov (ISO 21043-2:2018)

Forensic sciences - Part 2: Recognition, recording, collecting, transport and storage of items (ISO 21043-2:2018)

Osnova: EN ISO 21043-2:2020

ICS: 07.140

This document specifies requirements for the forensic process focusing on recognition, recording, collection, transport and storage of items of potential forensic value. It includes requirements for the assessment and examination of scenes but is also applicable to activities that occur within the facility. This document also includes quality requirements.

This document is not applicable to procedures for the recovery of data from digital storage media which is covered by ISO/IEC 27037. However, the storage medium itself can yield additional items of forensic value (e.g. fingerprints or DNA).

Annex D shows the applicability of this document to the forensic process.

SIST EN ISO 7096:2020

SIST EN ISO 7096:2008

SIST EN ISO 7096:2008/AC:2009

2020-06 (po) (en;fr;de) 33 str. (H)

Stroji za zemeljska dela - Laboratorijski postopek za ovrednotenje vibracij voznikovega sedeža (ISO 7096:2020)

Earth-moving machinery - Laboratory evaluation of operator seat vibration (ISO 7096:2020)

Osnova: EN ISO 7096:2020

ICS: 53.100, 13.160

1.1 This document specifies, in accordance with ISO 10326-1:2016, a laboratory method for measuring and evaluating the effectiveness of the seat suspension in reducing the vertical whole-body vibration transmitted to the operator of earth-moving machines at frequencies between 1 Hz and 20 Hz. It also specifies acceptance criteria for application to seats on different machines.

1.2 This document is applicable to operator seats used on earth-moving machines as defined in ISO 6165.

1.3 This document defines the input spectral classes required for the following earth-moving machines.

Each class defines a group of machines having similar vibration characteristics:

- rigid-frame dumpers >4 500 kg operating mass;
- articulated-frame dumpers;
- scrapers without axle or frame suspension1);
- wheeled loaders >4 500 kg operating mass;
- graders;
- wheeled dozers;
- soil compactors;
- backhoe loaders;
- crawler dumpers;
- crawler loaders;
- crawler-dozers ≤50 000 kg operating mass2);
- compact dumpers ≤4 500 kg operating mass;
- wheeled compact loaders ≤4 500 kg operating mass;
- skid-steer loaders, wheeled ≤4 500 kg and tracked ≤6 000 kg operating mass.

1.4 The following machines impart sufficiently low vertical vibration inputs at frequencies between 1 Hz and 20 Hz to the seat during operation that these seats do not require suspension for the attenuation of transmitted vibration:

- excavators, including walking excavators and cable excavators3);
- trenchers;
- landfill compactors;

- non-vibratory rollers, except soil compactors;
- vibratory rollers, except soil compactors;
- pipelayers;
- horizontal directional drills (HDD).

1.5 The tests and criteria defined in this document are intended for operator seats used in earthmoving machines of conventional design.

NOTE Other tests can be appropriate for machines with design features that result in significantly different vibration characteristics.

1.6 Vibration which reaches the operator other than through the seat, for example that sensed by the operator's feet on the platform or control pedals or by the operator's hands on the steering-wheel, is not covered.

SIST EN ISO 7526:2020

SIST EN 27526:2009

2020-06 (po) (en;fr;de) 19 str. (E)

Feronikelj - Določevanje žvepla - Metoda z infrardečo absorpcijo po zgorevanju v indukcijski peči (ISO 7526:2020)

Ferronickels - Determination of sulfur content - Infrared absorption method after induction furnace combustion (ISO 7526:2020)

Osnova: EN ISO 7526:2020

ICS: 77.120.40

This document specifies an infrared absorption method after combustion in an induction furnace for the determination of the sulfur content in ferronickels in the range of 0,002 % to 0,12 %.

The method is applicable to normal production operations. It uses commercially available equipment, which is calibrated using steel and/or ferronickel certified reference materials (CRMs).

SIST EN ISO/ASTM 52915:2020

SIST EN ISO 52915:2017

2020-06 (po) (en;fr;de) 35 str. (H)

Specifikacija formatov datotek za 3D-tisk (AMF), različica 1.2 (ISO/ASTM 52915:2020)

Specification for additive manufacturing file format (AMF) Version 1.2 (ISO/ASTM 52915:2020)

Osnova: EN ISO/ASTM 52915:2020

ICS: 35.240.50, 25.050

This document provides the specification for the Additive Manufacturing File Format (AMF), an interchange format to address the current and future needs of additive manufacturing technology. This document specifies the requirements for the preparation, display and transmission for the AMF. When prepared in a structured electronic format, strict adherence to an extensible markup language (XML)[1] schema supports standards-compliant interoperability.

NOTE A W3C XML schema definition (XSD) for the AMF is available from ISO from <http://standards.iso.org/iso/52915> and from ASTM from www.astm.org/MEETINGS/images/amf.xsd. An implementation guide for such an XML schema is provided in Annex A.

It is recognized that there is additional information relevant to the final part that is not covered by the current version of this document. Suggested future features are listed in Annex B.

This document does not specify any explicit mechanisms for ensuring data integrity, electronic signatures and encryptions.

SIST-TS CEN/TS 15130:2020

SIST-TS CEN/TS 15130:2007

2020-06 (po) (en;fr;de) 44 str. (I)

Poštna storitve - Infrastruktura za elektrotehnične zaznamke pri frankiranju (DPM) - Informacije v podporo uporabi DPM

Postal services - DPM infrastructure - Messages supporting DPM applications

Osnova: CEN/TS 15130:2020

ICS: 35.240.69, 03.240

This document specifies the information exchanges between various parties' infrastructures that take place in support of DPM applications. It complements standards that address the design, security, applications and readability of Digital Postage Marks.

The following items will be addressed by this document:

- identification of parties participating in exchanges of information described by this document;
- identification of functions (interactions, use cases);
- definition of parties' responsibilities in the context of above functions;
- definition of messages between parties: message meaning and definition of communication protocols to support each function;
- definition of significant content (payload) for each message;
- security mechanisms providing required security services, such as authentication, privacy, integrity and non-repudiation.

This document does not address:

- design of DPM supporting infrastructure for applications internal to providers and carriers;
- design of DPM devices and applications for applications internal to end-users.

NOTE Although there are other communications between various parties involved in postal communications, this document covers only DPM-related aspects of such communications.

SIST-TS CEN/TS 17441:2020

2020-06 (po) (en;fr;de) 24 str. (F)

Laboratorijska oprema - Sistemi prezračevanja v laboratorijih

Laboratory installations - Ventilation systems in laboratories

Osnova: CEN/TS 17441:2020

ICS: 91.140.30, 71.040.10

This document applies for the planning, design, installation and commissioning of ventilation systems in laboratories. It also applies for scientific classrooms in schools when equipped with a ventilation system. The application of this document depends not on the term laboratory in its narrower sense but this document also applies also for laboratory-related rooms in which work with dangerous or health hazardous substances is performed.

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 LLZ Les, lesni izdelki in zaščita lesa

SIST EN 14542:2015

2015-12 (pr) (sl) 35 str. (SH)

Lesene talne obloge - Lastnosti, vrednotenje skladnosti in označevanje
Wood flooring - Characteristics, evaluation of conformity and marking

Osnova: EN 14542:2015

ICS: 79.080, 97.150

V tem evropskem standardu so opredeljene in specificirane ustrezne lastnosti in zahteve za ravne površinske lesene talne obloge in parkete ter primerne preskusne metode za ugotavljanje njihove primernosti za notranjo uporabo kot talne obloge, vključno z zaprtimi prostori javnega prevoza. Evropski standardi za posebne lesene talne obloge in parkete, na katere se ta standard navezuje ter ki navajajo definicije proizvodov in zahteve glede dimenzijskih toleranc, vključujejo:

- masivne parketne deščice z utorom in peresom (EN 15226),
- masivni tanki parket (EN 15227),
- masivne lesene talne obloge, vključno s kockami za sisteme zapore (EN 15228),
- mozaične parketne elemente (EN 15488),
- večslojne parketne elemente (EN 15489),
- masivne predsestavljene deske listavcev (EN 15629),
- masivne talne deske iglavcev (EN 15990),
- furnirane talne obloge (EN 14354),
- parket iz masivnega lesa – pokončne lamele, prečne lamele in modularne kocke (kladice) (EN 14761).

Ta evropski standard se lahko uporablja tudi za druge lesene talne obloge in parkete poleg opisanih v gornjih standardih. Vendar ne specificira nobenih zahtev v zvezi z dimenzijskimi tolerancami takih proizvodov.

Ta evropski standard določa tudi vrednotenje skladnosti ter zahteve za označevanje lesenih talnih oblog in parketov.

Ta evropski standard zajema lesene talne obloge in parkete, ki so lahko obdelani ali neobdelani za izboljšanje odziva na ogenj in njihove odpornosti proti biološkim škodljivcem.

Ta evropski standard se ne uporablja za:

- lesene talne obloge in parkete, izdelane s poudarkom na večji taktilnosti in prepoznavanju,
- talne obloge iz bambusa,
- laminate,
- proizvode iz rastlin, kot so aloe, plutovec ali kokos.

Ta evropski standard zajema talne obloge in parkete z barvo, lakom, voskom ali oljem oziroma brez njih.

SIST/TC TOP Toplota

SIST EN ISO 6946

2017-09 (pr) (sl) 49 str. (SI)

Gradbene komponente in gradbeni elementi - Toplotna upornost in toplotna prehodnost - Računske metode (ISO 6946:2017)

Building components and building elements - Thermal resistance and thermal transmittance - Calculation methods (ISO 6946:2017)

Osnova: EN ISO 6946:2017

ICS: 91.060.01; 91.120.10

Ta dokument podaja metodo za računanje toplotne upornosti in toplotne prehodnosti gradbenih komponent in gradbenih elementov, razen vrat, oken in drugih zastekljenih enot, obešenih fasad, komponent, ki vključujejo prenos toplote v tla, ter komponent, projektiranih za pretok zraka.

Računska metoda temelji na ustreznih projektnih toplotnih prevodnostih ali upornostih materialov in proizvodov za zadevne načine uporabe.

Metoda se uporablja za komponente in elemente, sestavljene iz toplotno homogenih slojev (ki lahko vključujejo zračne sloje).

Ta dokument podaja tudi približno metodo, ki se lahko uporablja za elemente z nehomogenimi sloji, vključno z vplivom kovinskih veznih elementov, na podlagi popravka iz [dodatka F](#). Drugi primeri, pri katerih je toplotna izolacija premoščena s kovino, so zunaj področja uporabe tega dokumenta.

OPOMBA: [Preglednica 1](#) v uvodu prikazuje relativni položaj tega dokumenta znotraj niza standardov EPB v kontekstu modularne strukture, kot je opredeljen v standardu ISO 52000-1.

SIST/TC VAZ Varovanje zdravja

SIST EN ISO 22870:2017

2017-02 (pr) (sl, en) 21 str. (SF)

Testiranje ob pacientu (POCT) - Zahteve za kakovost in kompetentnost (ISO 22870:2016)

Point-of-care testing (POCT) - Requirements for quality and competence (ISO 22870:2016)

Osnova: EN ISO 22870:2016

ICS: 03.120.10; 11.100.01

Ta dokument podaja posebne zahteve, ki se uporabljajo za testiranje ob pacientu (POCT), in se uporablja skupaj s standardom ISO 15189. Zahteve tega dokumenta se uporabljajo, kadar se POCT izvaja v bolnišnici, kliniki ali zdravstveni organizaciji, ki zagotavljajo ambulantno oskrbo. Ta dokument se lahko uporablja za transkutane meritve, analizo izdihanega zraka ter spremljanje fizioloških parametrov in vivo.

Testiranje, ki ga pacient izvaja sam doma ali v skupnostih, ni vključeno, vendar so lahko nekateri deli tega dokumenta uporabni.

OPOMBA: Upoštevati je treba lokalne, regionalne in nacionalne predpise.

Razveljavitev slovenskih standardov

SIST/TC	Razveljavljeni dokument	Leto razveljavitve	Zamenjan z dokumentom
AVM	SIST EN 60728-13-1:2012	2020-06	SIST EN 60728-13-1:2018
AVM	SIST EN 60728-13-1:2012/AC:2013	2020-06	SIST EN 60728-13-1:2018
BIM	SIST EN ISO 16739:2016	2020-06	SIST EN ISO 16739-1:2020
EAL	SIST EN 50131-5-3:2005/IS1:2011	2020-06	
ELI	SIST IEC/TR2 60479-2:2000	2020-06	
ELI	SIST IEC/TR2 60479-3:2000	2020-06	
ELI	SIST-TP IEC/TR 60479-4:2006	2020-06	
ELI	SIST-TS CLC/TS 50560:2014	2020-06	
ELI	SIST-TS IEC/TS 60479-1:2006	2020-06	
EPO	SIST EN 14635:2010	2020-06	SIST EN ISO 12822:2020
EPO	SIST EN ISO 16106:2006	2020-06	SIST EN ISO 16106:2020
EXP	SIST EN ISO/IEC 80079-34:2011	2020-06	
GIG	SIST EN ISO 19111:2008	2020-06	SIST EN ISO 19111:2020
GIG	SIST EN ISO 19111-2:2012	2020-06	SIST EN ISO 19111:2020
IFEK	SIST EN 10139:2016	2020-06	SIST EN 10139:2016+A1:2020
IFEK	SIST EN 10330:2015	2020-06	
IHPV	SIST EN 16767:2016	2020-06	SIST EN 16767:2020
IMKG	SIST EN 13525:2005+A2:2010	2020-06	SIST EN 13525:2020

SIST/TC	Razveljavljani dokument	Leto razveljavitve	Zamenjan z dokumentom
INEK	SIST EN 1676:2010	2020-06	SIST EN 1676:2020
INEK	SIST EN 1706:2010	2020-06	SIST EN 1706:2020
IPMA	SIST EN 14293:2006	2020-06	SIST EN ISO 17178:2020
IPMA	SIST EN ISO 11357-2:2014	2020-06	SIST EN ISO 11357-2:2020
IPMA	SIST EN ISO 75-1:2013	2020-06	SIST EN ISO 75-1:2020
ISEL	SIST EN ISO 10360-5:2011	2020-06	SIST EN ISO 10360-5:2020
ISEL	SIST EN ISO 3506-1:2011	2020-06	SIST EN ISO 3506-1:2020
ISTM	SIST ISO 5725-2:2003	2020-06	SIST ISO 5725-2:2020
ISTM	SIST ISO 5725-2:2003/C1:2003	2020-06	SIST ISO 5725-2:2020
ISTM	SIST ISO 5725-4:2003	2020-06	SIST ISO 5725-4:2020
ITC	SIST-TS CEN/TS 16614-5:2016	2020-06	SIST-TS CEN/TS 16614-5:2020
ITEK	SIST-TS CEN/TS 15398:2016	2020-06	SIST EN 15398:2020
IUSN	SIST EN ISO 14088:2012	2020-06	SIST EN ISO 14088:2020
IUSN	SIST EN ISO 17131:2012	2020-06	SIST EN ISO 17131:2020
IŽNP	SIST EN 15227:2008+A1:2010	2020-06	SIST EN 15227:2020
IŽNP	SIST EN 15611:2009+A1:2011	2020-06	SIST EN 15611:2020
KAT	SIST EN 16192:2012	2020-06	SIST-TP CEN/TR 16192:2020
KAZ	SIST EN 13890:2009	2020-06	SIST EN ISO 21852:2020
LLZ	SIST EN 13629:2012	2020-06	SIST EN 13629:2020
LLZ	SIST EN 1390:2006	2020-06	SIST EN 1390:2020
LLZ	SIST EN 14128:2004	2020-06	SIST EN 14128:2020
MOV	SIST EN 60950-22:2007/A11:2008	2020-06	SIST EN 60950-22:2017
MOV	SIST EN 61326-3-1:2008	2020-06	SIST EN 61326-3-1:2017
MOV	SIST EN 62586-2:2014	2020-06	SIST EN 62586-2:2017
MOV	SIST EN 62586-2:2014/AC:2015	2020-06	SIST EN 62586-2:2017
NAD	SIST EN ISO 6326-1:2009	2020-06	
NAD	SIST EN ISO 6326-5:2000	2020-06	
NAD	SIST EN ISO 6326-5:2000	2020-06	
NAD	SIST EN ISO 8222:2003	2020-06	SIST EN ISO 8222:2020
OGS	SIST EN ISO 16484-6:2014	2020-06	SIST EN ISO 16484-6:2020
OTR	SIST EN 71-7:2014+A2:2018	2020-06	SIST EN 71-7:2014+A3:2020
OVP	SIST EN 132:1999	2020-06	SIST EN ISO 16972:2020
OVP	SIST EN 420:2003+A1:2010	2020-06	SIST EN ISO 21420:2020
PCV	SIST EN 13598-1:2011	2020-06	SIST EN 13598-1:2020
PCV	SIST EN 13598-2:2016	2020-06	SIST EN 13598-2:2020
PIP	SIST EN ISO 5262-1:1998	2020-06	SIST EN ISO 5262-1:2020

SIST/TC	Razveljavljeni dokument	Leto razveljavitve	Zamenjan z dokumentom
PKG	SIST EN 12544-1:2000	2020-06	SIST EN ISO 16526-1:2020
PKG	SIST EN 12544-2:2001	2020-06	SIST EN ISO 16526-1:2020 SIST EN ISO 16526-2:2020
PKG	SIST EN 12544-3:2000	2020-06	SIST EN ISO 16526-1:2020 SIST EN ISO 16526-3:2020
PKG	SIST EN 14096-1:2004	2020-06	SIST EN ISO 14096-1:2020
PKG	SIST EN 14096-2:2004	2020-06	SIST EN ISO 14096-2:2020
PKG	SIST EN ISO 10113:2014	2020-06	SIST EN ISO 10113:2020
POH	SIST-TS CEN/TS 16358:2012	2020-06	SIST EN 927-11:2020
POH	SIST-TS CEN/TS 16359:2012	2020-06	SIST EN 927-7:2020
SPO	SIST EN 1176-7:2008	2020-06	SIST EN 1176-7:2020
TLP	SIST EN 1591-2:2008	2020-06	SIST-TP CEN/TR 1591-2:2020
TRS	SIST EN ISO 7010:2012	2020-06	SIST EN ISO 7010:2020
TRS	SIST EN ISO 7010:2012/A1:2014	2020-06	SIST EN ISO 7010:2020
TRS	SIST EN ISO 7010:2012/A2:2014	2020-06	SIST EN ISO 7010:2020
TRS	SIST EN ISO 7010:2012/A3:2014	2020-06	SIST EN ISO 7010:2020
TRS	SIST EN ISO 7010:2012/A4:2014	2020-06	SIST EN ISO 7010:2020
TRS	SIST EN ISO 7010:2012/A5:2015	2020-06	SIST EN ISO 7010:2020
TRS	SIST EN ISO 7010:2012/A6:2017	2020-06	SIST EN ISO 7010:2020
TRS	SIST EN ISO 7010:2012/A7:2017	2020-06	SIST EN ISO 7010:2020
TRS	SIST ISO 7000:2015	2020-06	SIST ISO 7000:2020
VAZ	SIST EN 1615:2001	2020-06	SIST EN ISO 20695:2020
VAZ	SIST EN 1618:2000	2020-06	SIST EN ISO 20695:2020
VAZ	SIST EN ISO 11553-1:2009	2020-06	SIST EN ISO 11553-1:2020
VAZ	SIST EN ISO 28399:2011	2020-06	SIST EN ISO 28399:2020
VAZ	SIST EN ISO 8637:2014	2020-06	SIST EN ISO 8637-1:2020
VSN	SIST EN 12301:2000+A1:2008	2020-06	SIST EN 12301:2020
SS EIT	SIST EN 60695-1-30:2009	2020-06	SIST EN 60695-1-30:2017
SS EIT	SIST EN 60300-3-3:2007	2020-06	SIST EN 60300-3-3:2017
SS EIT	SIST EN 62287-2:2013	2020-06	SIST EN 62287-2:2017
SS SPL	SIST EN 12312-15:2006+A1:2009	2020-06	SIST EN 12312-15:2020
SS SPL	SIST EN 131-4:2007	2020-06	SIST EN 131-4:2020
SS SPL	SIST EN 14624:2012	2020-06	SIST EN 14624:2020
SS SPL	SIST EN 15597-1:2010	2020-06	SIST EN 15597-1:2020
SS SPL	SIST EN 16602-10-09:2014	2020-06	SIST EN 16602-10-09:2020
SS SPL	SIST EN 16602-20:2014	2020-06	SIST EN 16602-20:2020
SS SPL	SIST EN 27526:2009	2020-06	SIST EN ISO 7526:2020
SS SPL	SIST EN 840-1:2013	2020-06	SIST EN 840-1:2020

SIST/TC	Razveljavljeni dokument	Leto razveljavitve	Zamenjan z dokumentom
SS SPL	SIST EN 840-2:2014	2020-06	SIST EN 840-2:2020
SS SPL	SIST EN 840-3:2014	2020-06	SIST EN 840-3:2020
SS SPL	SIST EN 840-4:2014	2020-06	SIST EN 840-4:2020
SS SPL	SIST EN 840-5:2014	2020-06	SIST EN 840-5:2020
SS SPL	SIST EN 840-6:2014	2020-06	SIST EN 840-6:2020
SS SPL	SIST EN ISO 11105:2017	2020-06	SIST EN ISO 11105:2020
SS SPL	SIST EN ISO 17409:2017	2020-06	SIST EN ISO 17409:2020
SS SPL	SIST EN ISO 52915:2017	2020-06	SIST EN ISO/ASTM 52915:2020
SS SPL	SIST EN ISO 7096:2008	2020-06	SIST EN ISO 7096:2020
SS SPL	SIST EN ISO 7096:2008/AC:2009	2020-06	SIST EN ISO 7096:2020
SS SPL	SIST-TS CEN/TS 15130:2007	2020-06	SIST-TS CEN/TS 15130:2020

**NAROČILNICA ZA SLOVENSKE STANDARDE IN DRUGE
PUBLIKACIJE**

N – IZO 6/2020

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.