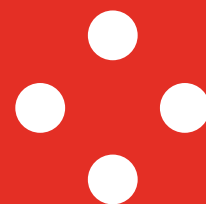


IZVLEČKI V ANGLEŠČINI



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Izvečki iz novih slovenskih nacionalnih standardov v angleškem jeziku

SIST/TC AGO Alternativna goriva iz odpadkov

SIST EN ISO 18134-2:2024 SIST EN ISO 18134-2:2017
2024-06 (po) (en;fr;de) **12 str. (C)**
Trdna biogoriva - Določanje vlage - 2. del: Poenostavljena metoda (ISO 18134-2:2024)
Solid biofuels - Determination of moisture content - Part 2: Simplified method (ISO 18134-2:2024)
Osnova: EN ISO 18134-2:2024
ICS: 75.160.40

ISO 18134-2:2017 describes the method of determining the total moisture content of a test sample of solid biofuels by drying in an oven and is used when the highest precision is not needed, e.g. for routine production control on site. The method described in ISO 18134 (all parts) is applicable to all solid biofuels. The moisture content of solid biofuels (as received) is always reported based on the total mass of the test sample (wet basis).

SIST/TC AKU Akustika

SIST ISO 7196:2024
2024-06 (po) (en;fr) **10 str. (C)**
Akustika - Frekvenčne utežne lastnosti za meritve infrazvoka
Acoustics - Frequency-weighting characteristic for infrasound measurements
Osnova: ISO 7196:1995
ICS: 17.140.01

Specifies a frequency-weighting characteristic, designated G, for the determination of weighted sound pressure levels of sound or noise whose spectrum lies partly or wholly within the frequency band from 1 Hz to 20 Hz.

SIST/TC BIM Informacijsko modeliranje gradenj

SIST EN ISO 16739-1:2024 SIST EN ISO 16739-1:2020
2024-06 (po) (en;fr;de) **499 str. (2B)**
Industry Foundation Classes (IFC) za izmenjavo podatkov na področju gradbeništva in upravljanja objektov - 1. del: Shema podatkov (ISO 16739-1:2024)
Industry Foundation Classes (IFC) for data sharing in the construction and facility management industries - Part 1: Data schema (ISO 16739-1:2024)
Osnova: EN ISO 16739-1:2024
ICS: 35.240.67, 25.040.40

The proposed revision of ISO 16739-1:2018 focusses on additions to the data schema and reference data to further support the infrastructure domains, particularly for bridges, roads, rails, ports and waterways and common foundations, such as alignment, terrain, strata and earthworks.

The scope of the proposed revision is in line with the overall scope mention of ISO 16739-1:2018 "to include data definitions for infrastructure assets over their life cycle as well". The general scope and

title of ISO 16739 being an international standard for “data sharing in the construction and facility management industries” remains valid.

SIST/TC CES Ceste

SIST EN 13863-5:2024

2024-06 (po) (en;fr;de) **11 str. (C)**

Betonska vozišča - 5. del: Določanje sprijemne napetosti moznikov v betonskih voziščnih konstrukcijah

Concrete pavements - Part 5: Determination of the bond stress of dowels to be used in concrete pavements

Osnova: EN 13863-5:2024

ICS: 91.100.30, 93.080.20

This document specifies a method for the determination of the bond stress of dowels in concrete pavements.

SIST EN 13863-6:2024

2024-06 (po) (en;fr;de) **12 str. (C)**

Betonska vozišča - 6. del: Preskusna metoda za določanje natezne trdnosti betona na cilindričnih ploščah

Concrete pavements - Part 6: Test method for the determination of the tensile strength of concrete on cylindrical discs

Osnova: EN 13863-6:2024

ICS: 91.100.30, 93.080.20

This document specifies a method for the determination of the tensile strength on cylindrical discs of concrete using cylindrical discs as specimens, which can be

- separately manufactured or
- cut from cores of the finished concrete pavement.

SIST EN 13880-5:2024

SIST EN 13880-5:2005

2024-06 (po) (en;fr;de) **10 str. (C)**

Toplo nanosljive tesnilne mase za stike - 5. del: Preskusna metoda za ugotavljanje pretočnega upora

Hot applied joint sealants - Part 5: Test method for the determination of flow resistance

Osnova: EN 13880-5:2024

ICS: 91.100.50, 93.080.20

This document describes a method for determining the flow resistance of hot applied joint sealants.

SIST EN 15466-1:2024

SIST EN 15466-1:2010

2024-06 (po) (en;fr;de) **5 str. (B)**

Predhodni premazi za hladno in toplo nanosljive tesnilne mase za stike - 1. del: Določanje homogenosti

Primers for cold and hot applied joint sealants - Part 1: Determination of homogeneity

Osnova: EN 15466-1:2024

ICS: 91.100.50, 93.080.20

This European Standard describes a method for determining the homogeneity of primers for cold and hot applied joint sealants.

SIST EN 15466-2:2024

2024-06 (po) (en;fr;de)

SIST EN 15466-2:2010

7 str. (B)

Predhodni premazi za hladno in toplo nanosljive tesnilne mase za stike - 2. del: Določevanje alkalne odpornosti

Primers for cold and hot applied joint sealants - Part 2: Determination of resistance against alkali

Osnova: EN 15466-2:2024

ICS: 91.100.50, 93.080.20

This European Standard describes a method for determining the resistance against alkali of primers for cold and hot applied joint sealants.

SIST EN 15466-3:2024

2024-06 (po) (en;fr;de)

SIST EN 15466-3:2010

7 str. (B)

Predhodni premazi za hladno in toplo nanosljive tesnilne mase za stike - 3. del: Določevanje trdnih delcev in hlapnosti

Primers for cold and hot applied joint sealants - Part 3: Determination of solids content and evaporation behaviour of volatiles

Osnova: EN 15466-3:2024

ICS: 91.100.50, 93.080.20

This European Standard describes a method for determining the solids content and the evaporation behaviour of volatiles of primers for cold and hot applied joint sealants.

SIST/TC DPN Delo pod napetostjo

SIST EN IEC 62819:2023/AC:2024

2024-06 (po) (en) **3 str. (AC)**

Delo pod napetostjo - Ščitniki oči, obraza in glave pred učinki električnega oblaka - Zahtevane lastnosti in preskusne metode (IEC 62819:2022/COR1:2024)

Live working - Eye, face and head protectors against the effects of electric arc - Performance requirements and test methods (IEC 62819:2022/COR1:2024)

Osnova: EN IEC 62819:2023/AC:2024-03

ICS: 13.340.20, 29.260.99, 13.260

Popravek k standardu SIST EN IEC 62819:2023.

This part of IEC 63275-1 gives a test method to evaluate gate threshold voltage shift of silicon carbide (SiC) power metal-oxide-semiconductor field-effect transistors (MOSFETs) using room temperature readout after applying continuous positive gate-source voltage stress at elevated temperature. The proposed method accepts a certain amount of recovery by allowing large delay times between stress and measurement (up to 10h).

SIST/TC EXP Električni aparati za eksplozivne atmosfere

SIST EN 60079-1:2015/A11:2024

2024-06 (po) (en;fr;de) **4 str. (A)**

Eksplozivne atmosfere - 1. del: Zaščita opreme z neprodinim okrovom "d"

Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"

Osnova: EN 60079-1:2014/A11:2024

ICS: 29.260.20

Amandma A11:2024 je dodatek k standardu SIST EN 60079-1:2015.

This part of IEC 60079 contains specific requirements for the construction and testing of electrical equipment with the type of protection flameproof enclosure "d", intended for use in explosive gas atmospheres.

This standard supplements and modifies the general requirements of IEC 60079-0. Where a requirement of this standard conflicts with a requirement of IEC 60079-0, the requirement of this standard will take precedence.

SIST EN 60079-28:2015/A11:2024

2024-06 (po) (en;fr;de) 5 str. (B)

Eksplozivne atmosfere - 28. del: Zaščita opreme, ki uporablja optično sevanje, in sistemov za prenos optičnega sevanja

Explosive atmospheres - Part 28: Protection of equipment and transmission systems using optical radiation

Osnova: EN 60079-28:2015/A11:2024

ICS: 29.260.20

Amandma A11:2024 je dodatek k standardu SIST EN 60079-28:2015.

This part of IEC 60079 specifies the requirements, testing and marking of equipment emitting optical radiation intended for use in explosive atmospheres. It also covers equipment located outside the explosive atmosphere or protected by a Type of Protection listed in IEC 60079-0, but which generates optical radiation that is intended to enter an explosive atmosphere. It covers Groups I, II and III, and EPLs Ga, Gb, Gc, Da, Db, Dc, Ma and Mb. This standard contains requirements for optical radiation in the wavelength range from 380 nm to 10 µm. It covers the following ignition mechanisms:

- Optical radiation is absorbed by surfaces or particles, causing them to heat up, and under certain circumstances this may allow them to attain a temperature which will ignite a surrounding explosive atmosphere.
- In rare special cases, direct laser induced breakdown of the gas at the focus of a strong beam, producing plasma and a shock wave both eventually acting as ignition source.

These processes can be supported by a solid material close to the breakdown point.

NOTE 1 See a) and d) of the introduction.

This standard does not cover ignition by ultraviolet radiation and by absorption of the radiation in the explosive mixture itself. Explosive absorbers or absorbers that contain their own oxidizer as well as catalytic absorbers are also outside the scope of this standard. This standard specifies requirements for equipment intended for use under atmospheric conditions.

This standard supplements and modifies the general requirements of IEC 60079-0. Where a requirement of this standard conflicts with a requirement of IEC 60079-0, the requirement of this standard takes precedence.

This standard applies to optical fibre equipment and optical equipment, including LED and laser equipment, with the exception of the equipment detailed below:

- 1) Non-array divergent LEDs used for example to show equipment status or backlight function.
- 2) All luminaires (fixed, portable or transportable), hand lights and caplights; intended to be supplied by mains (with or without galvanic isolation) or powered by batteries:
 - with continuous divergent light sources (for all EPLs),
 - with LED light sources (for EPL Gc or Dc only).

NOTE 2 Continuous divergent LED light sources for other than EPL Gc or Dc are not excluded from the standard due to the uncertainty of potential ignition concerns regarding high irradiance.

- 3) Optical radiation sources for EPL Mb, Gb or Gc and Db or Dc applications which comply with Class 1 limits in accordance with IEC 60825-1.

NOTE 3 The referenced Class 1 limits are those that involve emission limits below 15 mW measured at a distance from the optical radiation source in accordance with IEC 60825-1, with this measured distance reflected in the Ex application.

- 4) Single or multiple optical fibre cables not part of optical fibre equipment if the cables:
 - comply with the relevant industrial standards, along with additional protective means, e.g. robust cabling, conduit or raceway (for EPL Gb, Db, Mb, Gc or Dc),
 - comply with the relevant industrial standards (for EPL Gc or Dc).

SIST EN 60079-7:2016/A11:2024

2024-06 (po) (en;fr;de) **4 str. (A)**

Eksplzivne atmosfere - 7. del: Zaščita opreme s povečano varnostjo "e"
Explosive atmospheres - Part 7: Equipment protection by increased safety "e"

Osnova: EN 60079-7:2015/A11:2024

ICS: 29.260.20

Amandma A11:2024 je dodatek k standardu SIST EN 60079-7:2016.

IEC 60079-7:2015(E) specifies the requirements for the design, construction, testing and marking of electrical equipment and Ex Components with type of protection increased safety "e" intended for use in explosive gas atmospheres. Electrical equipment and Ex Components of type of protection increased safety "e" are either:

- Level of Protection "eb" (EPL "Mb" or "Gb");

- or Level of Protection "ec" (EPL "Gc"). Level of Protection "eb" applies to equipment or Ex Components, including their connections, conductors, windings, lamps, and batteries; but not including semiconductors or electrolytic capacitors. Level of Protection "ec" applies to equipment or Ex Components, including their connections, conductors, windings, lamps, and batteries; and also including semiconductors and electrolytic capacitors. The requirements of this standard apply to both Levels of Protection unless otherwise stated. For Level of Protection "eb", this standard applies to electrical equipment where the rated voltage does not exceed 11 kV r.m.s., a.c. or d.c. For Level of Protection "ec", this standard applies to electrical equipment where the rated voltage does not exceed 15 kV r.m.s., a.c. or d.c. This standard supplements and modifies the general requirements of IEC 60079-0. Where a requirement of this standard conflicts with a requirement of IEC 60079-0, the requirement of this standard takes precedence. This fifth edition cancels and replaces the fourth edition published in 2006, and constitutes a technical revision. Refer to the Foreword of the document for a complete listing of the technical changes between edition 5.0 and previous edition of the document.

Keywords: electrical equipment and Ex Components with type of protection increased safety "e" intended for use in explosive gas atmospheres.

SIST EN IEC 60079-0:2018/A11:2024

2024-06 (po) (en;fr;de) **6 str. (B)**

Eksplzivne atmosfere - 0. del: Oprema - Splošne zahteve

Explosive atmospheres - Part 0: Equipment - General requirements

Osnova: EN IEC 60079-0:2018/A11:2024

ICS: 29.260.20

Amandma A11:2024 je dodatek k standardu SIST EN IEC 60079-0:2018.

This part of IEC 60079 specifies the general requirements for construction, testing and marking of Ex Equipment and Ex Components intended for use in explosive atmospheres.

The standard atmospheric conditions (relating to the explosion characteristics of the atmosphere) under which it may be assumed that Ex Equipment can be operated are:

- temperature -20 °C to $+60\text{ °C}$;
- pressure 80 kPa (0,8 bar) to 110 kPa (1,1 bar); and
- air with normal oxygen content, typically 21 % v/v.

This part of IEC 60079 and other standards supplementing this standard specify additional test requirements for Ex Equipment operating outside the standard temperature range, but further additional consideration and additional testing may be required for Ex Equipment operating outside the standard atmospheric pressure range and standard oxygen content.

Such additional testing may be particularly relevant with respect to Types of Protection that depend on quenching of a flame such as 'flameproof enclosures "d"' (IEC 60079-1) or limitation of energy, 'intrinsic safety "i"' (IEC 60079-11).

NOTE 1 Although the standard atmospheric conditions above give a temperature range for the atmosphere of -20 °C to $+60\text{ °C}$, the normal ambient temperature range for the Ex Equipment is -20 °C to $+40\text{ °C}$, unless otherwise specified and marked. See 5.1.1. It is considered that -20 °C to $+40\text{ °C}$ is appropriate for many items of Ex Equipment and that to manufacture all Ex Equipment to be suitable for a standard atmosphere upper ambient temperature of $+60\text{ °C}$ would place unnecessary design constraints.

NOTE 2 Requirements given in this standard result from an ignition hazard assessment made on equipment. The ignition sources taken into account are those found associated with this type of equipment, such as hot surfaces, electromagnetic radiation, mechanically generated sparks, mechanical impacts resulting in thermite reactions, electrical arcing and static electric discharge in normal industrial environments.

NOTE 3 Where an explosive gas atmosphere and a combustible dust atmosphere are, or can be, present at the same time, the simultaneous presence of both often warrants additional protective measures. Additional guidance on the use of Ex Equipment in hybrid mixtures (mixture of a flammable gas or vapour with a combustible dust or combustible flyings) is given in IEC 60079-14.

IEC 60079 does not specify requirements for safety, other than those directly related to the explosion risk.

Ignition sources like adiabatic compression, shock waves, exothermic chemical reaction, selfignition of dust, naked flames and hot gases/liquids, are not addressed by this standard.

NOTE 4 Although outside the scope of this standard, such equipment would typically be subjected to a hazard analysis that identifies and lists all of the potential sources of ignition by the equipment and the measures to be applied to prevent them becoming effective. See ISO/IEC 80079-36.

SIST EN IEC 60079-31:2024

2024-06 (po) (en;fr;de) **25 str. (F)**

Eksplozivne atmosfere - 31. del: Zaščita opreme pred vžigom gorljivega prahu z ohišjem "t" (IEC 60079-31:2022 + COR1:2023)

Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t" (IEC 60079-31:2022 + COR1:2023)

Osnova: EN IEC 60079-31:2024

ICS: 29.260.20

This part of IEC 60079 is applicable to equipment protected by enclosure and surface temperature limitation for use in explosive dust atmospheres. It specifies requirements for design, construction and testing of Ex Equipment and Ex Components.

This document supplements and modifies the general requirements of IEC 60079-0. Where a requirement of this document conflicts with a requirement of IEC 60079-0, the requirement of this document takes precedence.

This document does not apply to dusts of explosives, which do not require atmospheric oxygen for combustion, or to pyrophoric substances.

This document does not apply to Ex Equipment or Ex Components intended for use in underground parts of mines as well as those parts of surface installations of such mines endangered by firedamp and/or combustible dust.

This document does not take account of any hazard due to an emission of flammable or toxic gas from the dust.

This document does not contain requirements for Ex Equipment used in areas where both combustible dust and explosive gas atmospheres can occur, whether simultaneously or separately. Requirements for explosive gas atmospheres can be found in other parts of the IEC 60079 series. Guidance on Ex Equipment to be used where combustible dust and explosive gas atmospheres occur simultaneously ("hybrid mixtures") can be found in IEC 60079-14.

Where the Ex Equipment has to meet other environmental conditions, for example, protection against ingress of water and resistance to corrosion, additional measures which do not adversely affect the integrity of the enclosure can be necessary.

SIST/TC FGA Funkcionalnost gospodinjskih aparatov

SIST EN 60704-2-14:2013/A2:2024

2024-06

(po)

(en)

7 str. (B)

Gospodinjski in podobni električni aparati - Postopek preskušanja za ugotavljanje zvočnega hrupa v zraku - 2-14. del: Posebne zahteve za hladilnike, zamrzovalne omare in zamrzovalnike - Dopnilo A2 (IEC 60704-2-14:2013/AMD2:2024)

Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-14: Particular requirements for refrigerators, frozen-food storage cabinets and food freezers (IEC 60704-2-14:2013/AMD2:2024)

Osnova: EN 60704-2-14:2013/A2:2024

ICS: 97.040.30, 17.140.20

Amandma A2:2024 je dodatek k standardu SIST EN 60704-2-14:2013.

This clause of Part 1 is applicable except as follows:

1.1.1 General

Addition:

These particular requirements apply to refrigerators, frozen-food storage cabinets and food freezers (fitted with their accessories) for household and similar use, supplied from the mains or from batteries.

1.1.2 Types of noise

Replacement:

The methods specified in ISO 3743-1, ISO 3743-2 and ISO 3744 can be used for measuring noise emitted by refrigerators, frozen-food storage cabinets and food freezers.

1.1.3 Size of the source

Replacement:

The method specified in ISO 3744 is applicable to noise sources of any size. When applying ISO 3743-1 and ISO 3743-2, care should be taken that the maximum size of the refrigerator, frozen-food storage cabinet or food freezer under test fulfils the requirements specified in 1.3 of ISO 3743-1 and ISO 3743-2.

SIST/TC IDT Informatika, dokumentacija, jezik in terminologija

SIST EN ISO 17651-1:2024

2024-06

(po)

(en;fr;de)

SIST EN ISO 2603:2017

22 str. (F)

Simultano tolmačenje - Delovno okolje tolmačev - 1. del: Zahteve in priporočila za vgrajene kabine (ISO 17651-1:2024)

Simultaneous interpreting - Interpreters' working environment - Part 1: Requirements and recommendations for permanent booths (ISO 17651-1:2024)

Osnova: EN ISO 17651-1:2024

ICS: 91.040.10

ISO 2603:2016 provides requirements and recommendations for building and renovating permanent booths for simultaneous interpreting in new and existing buildings. This document also ensures the usability and accessibility of booths for all interpreters, including those with special needs.

It is applicable to all types of permanent booths, using built-in or portable equipment.

In conjunction with either this document or ISO 4043, ISO 20108 and ISO 20109 provide the relevant requirements both for the quality and transmission of sound and image provided to interpreters and for the equipment needed in the booths.

SIST EN ISO 17651-2:2024

SIST EN ISO 4043:2017

2024-06 (po) (en;fr;de) 20 str. (E)

Simultano tolmačenje - Delovno okolje tolmačev - 2. del: Zahteve in priporočila za premične kabine (ISO 17651-2:2024)

Simultaneous interpreting - Interpreters' working environment - Part 2: Requirements and recommendations for mobile booths (ISO 17651-2:2024)

Osnova: EN ISO 17651-2:2024

ICS: 91.040.10

This document specifies requirements and recommendations for the design, use and siting of mobile booths for simultaneous interpreting. The main features of mobile booths that distinguish them from permanent booths are that they can be dismantled, moved and set up in a room. This document also ensures the usability and accessibility of booths for all interpreters.

This document is to be used in conjunction with ISO 20109, which contains requirements and recommendations for the equipment necessary for simultaneous interpreting. For requirements and recommendations for mobile booths which do not have a direct view of a room, see ISO 17651-3.[1]

SIST/TC IEMO Električna oprema v medicinski praksi**SIST EN 60601-1:2007/A13:2024****2024-06 (po) (en) 48 str. (I)**

Medicinska električna oprema - 1. del: Splošne zahteve za varnost - Dopolnilo A13

Medical electrical equipment - Part 1: General requirements for safety

Osnova: EN 60601-1:2006/A13:2024

ICS: 11.040.01

Amandma A13:2024 je dodatek k standardu SIST EN 60601-1:2007.

This International Standard applies to the BASIC SAFETY and ESSENTIAL PERFORMANCE of MEDICAL ELECTRICAL EQUIPMENT and MEDICAL ELECTRICAL SYSTEMS, hereafter referred to as ME EQUIPMENT and ME SYSTEMS. 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 standard are not covered by specific requirements in this standard except in 7.2.13 and 8.4.1. This standard can also be applied to equipment used for compensation or alleviation of disease, injury or disability. In vitro diagnostic equipment that does not fall within the definition of ME EQUIPMENT is covered by the IEC 61010 series 2). This standard does not apply to the implantable parts of active implantable medical devices covered by ISO 14708-1. This EN 60601-1:2006 has been significantly restructured compared to EN 60601-1:1990. Requirements in the electrical section have been further aligned with those for information technology equipment covered by EN 60950-1 and a requirement for including a RISK MANAGEMENT PROCESS has been added. For an expanded description of this revision, see Clause A.3.

SIST EN IEC 80601-2-26:2020/A1:2024**2024-06 (po) (en) 12 str. (C)**

Medicinska električna oprema - 2-26. del: Posebne zahteve za osnovno varnost in bistvene lastnosti elektroencefalografov - Dopolnilo A1 (IEC 80601-2-26:2019/AMD1:2024)

Medical electrical equipment - Part 2-26: Particular requirements for the basic safety and essential performance of electroencephalograph (IEC 80601-2-26:2019/AMD1:2024)

Osnova: EN IEC 80601-2-26:2020/A1:2024

ICS: 11.040.55

Amandma A1:2024 je dodatek k standardu SIST EN IEC 80601-2-26:2020.

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/TC IESV Električne svetilke

SIST EN 60061-3:2000/A60:2024

2024-06 (po) (en,fr) **82 str. (M)**

Vznožki in okovi žarnic in sijalk skupaj s kalibri za kontrolo medsebojne zamenljivosti in varnosti - 3. del: Profili - Dopolnilo A60 (IEC 60061-3:1969/AMD60:2024)

Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 3: Gauges (IEC 60061-3:1969/AMD60:2024)

Osnova: EN 60061-3:1993/A60:2024

ICS: 29.140.10

Amandma A60:2024 je dodatek k standardu SIST EN 60061-3:2000.

It contains the recommendations of the IEC in regard to Lamp Caps and Holders in general use today, together with relevant gauges, with the object of securing International interchangeability. The gauges illustrated, although generally accepted in principle, are not necessarily the only form in which they can be made.

SIST EN IEC 63403-1:2024

2024-06 (po) (en) **14 str. (D)**

Vrtnarska razsvetljava - Ohišja svetlečih diod (LED) za vrtnarsko razsvetljavo - 1. del: Specifikacijski list (IEC 63403-1:2024)

Horticultural lighting - LED packages for horticultural lighting - Part 1: Specification sheet (IEC 63403-1:2024)

Osnova: EN IEC 63403-1:2024

ICS: 65.060.70, 29.140.99

IEC 63403-1:2024 specifies the requirements for specification sheets relating to LED packages designed for horticultural lighting purposes.

LED packages designed for horticultural lighting purposes in this document can be designed for emission of white light or emission of optical radiation at specified wavelengths.

LED packages for horticultural lighting purposes are usually designed into LED modules or luminaires. This document does not contain compliance criteria, which can be affected by module or luminaire design, and are assumed to be plant species and growth stage dependent.

SIST EN IEC 63403-2:2024

2024-06 (po) **11 str. (C)**

Vrtnarska razsvetljava - Ohišja svetlečih diod (LED) za vrtnarsko razsvetljavo - 2. del: Sortiranje (IEC 63403-2:2024)

Horticultural lighting - LED packages for horticultural lighting - Part 2: Binning (IEC 63403-2:2024)

Osnova: EN IEC 63403-2:2024

ICS: 29.140.99, 65.060.70

This part of IEC 63403 specifies the binning method for LED packages for horticultural lighting.

SIST/TC IFEK **Železne kovine**

SIST EN 10348:2024

2024-06 (po) (en;fr;de) **11 str. (C)**

Jekla za armiranje betona - Pocinkana jekla za armiranje izdelkov
Steel for the reinforcement of concrete - Galvanized reinforcing steel products

Osnova: EN 10348:2024

ICS: 77.140.15

This document specifies requirements for hot-dip galvanized reinforcing steel in the form of products which meet the requirements of EN 10080 and subjected, where appropriate, to further processing, e.g. bars, bent bars, stirrups, products straightened from coils, products cut from bars, welded structures and any other components fabricated for use in the reinforcement of concrete.

This document does not apply to hot dip galvanized reinforcement for pre-stressing or components of these reinforcements.

SIST/TC IHPV **Hidravlika in pnevmatika**

SIST EN ISO 4126-10:2024

2024-06 (po) (en;fr;de) **81 str. (M)**

Varnostne naprave za zaščito pred prekomernim tlakom - 10. del: Velikosti varnostnih ventilov in varnostne membrane za dvofazni pretok plina/tekočine (ISO 4126-10:2024)

Safety devices for protection against excessive pressure - Part 10: Sizing of safety valves and bursting discs for gas/liquid two-phase flow (ISO 4126-10:2024)

Osnova: EN ISO 4126-10:2024

ICS: 13.240

This document specifies the sizing of safety valves and bursting discs for gas/liquid two-phase flow in pressurized systems such as reactors, storage tanks, columns, heat exchangers, piping systems or transportation tanks/containers, see Figure 2. The possible fluid states at the safety device inlet that can result in two-phase flow are given in Table 1.

NOTE The pressures used in this document are absolute pressures, not gauge pressures.

SIST/TC IIZS **Izolacijski materiali in sistemi**

SIST EN IEC 62836:2024

2024-06 (po) (en) **48 str. (I)**

Merjenje notranjega električnega polja v izolacijskih materialih - Metoda širjenja tlačnega vala (IEC 62836:2024)

Measurement of internal electric field in insulating materials - Pressure wave propagation method (IEC 62836:2024)

Osnova: EN IEC 62836:2024

ICS: 29.035.01, 17.220.99

IEC 62836:2024 provides an efficient and reliable procedure to test the internal electric field in the insulating materials used for high-voltage applications, by using the pressure wave propagation (PWP) method. It is suitable for a planar and coaxial geometry sample with homogeneous insulating materials of thickness larger or equal to 0,5 mm and an electric field higher than 1 kV/mm, but it is also dependent on the thickness of the sample and the pressure wave generator.

This first edition cancels and replaces IEC TS 62836 published in 2020.

This edition includes the following significant technical changes with respect to IEC TS 62836:

a) addition of Clause 12 for the measurement of space charge distribution in a planar sample;

- b) addition of Clause 13 for coaxial geometry samples;
- c) addition of Annex D with measurement examples for coaxial geometry samples;
- d) addition of a Bibliography;
- e) measurement examples for a planar sample have been moved from Clause 12 in IEC TS 62836 to Annex C.

SIST/TC INEK Neželezne kovine

SIST EN 683-2:2024

2024-06 (po) (en;fr;de) **12 str. (C)**

Aluminij in aluminijeve zlitine - Hladno valjani polizdelki za toplotne izmenjevalnike - 2. del: Mehanske lastnosti

Aluminium and aluminium alloys - Finstock - Part 2: Mechanical properties

Osnova: EN 683-2:2024

ICS: 77.150.10

This document specifies the mechanical properties of wrought aluminium and wrought aluminium alloy finstock.

The chemical composition limits of these materials are specified in EN 573-3, unless otherwise agreed between supplier and purchaser.

The designations of wrought aluminium and wrought aluminium alloys and the temper designations used in this document are specified in EN 573-3, and the temper designations are defined in EN 515.

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

SIST EN 12255-12:2024

2024-06 (po) (en;fr;de) **26 str. (F)**

Čistilne naprave za odpadno vodo - 12. del: Krmiljenje in avtomatizacija

Wastewater treatment plants - Part 12: Control and automation

Osnova: EN 12255-12:2024

ICS: 13.060.30

This European Standard specifies general requirements for instrumentation and specific requirements for process control and automation systems on wastewater treatment plants for more than 50 PT.

NOTE Detailed information additional to that contained in this standard can be obtained by referring to the bibliography

SIST EN 12255-5:2024

2024-06 (po) (en;fr;de) **14 str. (D)**

Čistilne naprave za odpadno vodo - 5. del: Lagunski postopki

Wastewater treatment plants - Part 5: Lagooning processes

Osnova: EN 12255-5:2024

ICS: 13.060.30

This European Standard specifies the performance requirements for the installation of lagooning processes. This part applies to wastewater lagooning processes treating municipal wastewater from combined or separate sewerage systems and when used as a tertiary treatment.

Note: Lagooning processes are especially suitable for treatment of wastewater where large variations in flow are experienced (e.g. resulting from stormwater). Lagoon Systems are also especially suitable when there are large variation in load from seasonal industrial or tourism for example.

SIST EN 15091:2024**2024-06 (po) (en;fr;de) 53 str. (J)**

Sanitarne armature - Elektronsko odpiranje in zapiranje sanitarnih armatur

Sanitary tapware - Electronic opening and closing sanitary tapware

Osnova: EN 15091:2024

ICS: 91.140.70

The purpose of this document is to define requirements for marking, identification, leaktightness, electrical and operational safety and mechanical resistance for sanitary tapware with opening and closing controlled electronically.

Annex B lists possible consequences of using a product outside its recommended operating range.

A vented domestic hot water and cold water supply system incorporating gravity hot water, mains cold water and alternative gravity cold water supply to sanitary appliances.

SIST EN 16941-1:2024**2024-06 (po) (en;fr;de) 39 str. (H)**

Sistemi za nepitno vodo, nameščeni na kraju samem - 1. del: Sistemi za uporabo deževnice

On-site non-potable water systems - Part 1: Systems for the use of rainwater

Osnova: EN 16941-1:2024

ICS: 93.025

This European Standard specifies the requirements and gives recommendations for the design, sizing, installation, identification, commissioning and maintenance of rainwater harvesting systems for the use of rainwater on-site as non-potable water. This European Standard also specifies the minimum requirements for these systems.

Excluded from the scope of this European Standard are:

- the use as drinking water and for food preparation;
- the use for personal hygiene purposes;
- decentralized attenuation;
- infiltration.

NOTE Conformity with the standard does not exempt from compliance with the obligations arising from local or national regulations.

SIST EN 17841:2024**2024-06 (po) (en;fr;de) 19 str. (E)**

Kemikalije, ki se uporabljajo za pripravo pitne vode - Proti obraščanju membran - Sulfamska kislina

Chemicals used for treatment of water intended for human consumption - Antifouling for membranes - Sulfamic acid

Osnova: EN 17841:2024

ICS: 13.060.20, 71.100.80

This European Standard specifies the characteristics and the requirements for sulfamic acids and salts. Similar to antiscalants as phosphonic acids and its salts (EN 15040) and polycarboxylates and its salts (EN 15039), sulfamic acid and its salts can be used alone or in combination with others drinking water substances as antifoulants (antiscalant effect) for membranes for the treatment of water intended for human consumption.

Sulfamic acid and salts are used in mixtures with sodium hydroxide and sodium hypochlorite or other drinking water chlorine based oxidizing agents as biofilm remover especially for reverse osmosis (RO) and nanofiltration membranes to prevent biofouling by microbiological contamination. The components will not pass the membrane and are rejected to the wastewater with the concentrate. For the other components EN standards are already exist.

SIST/TC IPMA Polimerni materiali in izdelki

SIST EN 12814-7:2024

2024-06 (po) (en;fr;de) 10 str. (C)

Preskus zvarjenih spojev plastomernih polizdelkov - 7. del: Trgalni preskus z zožanimi preskušanci
Testing of welded joints of thermoplastics semi-finished products - Part 7: Tensile test with waisted test specimens

Osnova: EN 12814-7:2024

ICS: 25.160.40

This document specifies the dimensions, the method of sampling, the preparation of the test specimens and the conditions for performing the tensile test with waisted test specimens in order to determine the tensile energy welding factor.

A tensile test with waisted specimens can be used in conjunction with other tests (e.g. bend, tensile, tensile creep, macro, etc.) to assess the performance of welded assemblies, made from thermoplastics materials.

The test is applicable to co-axial or co-planar heated tool butt welded assemblies made from thermoplastics materials filled or unfilled, but not reinforced. It is not applicable to tubular assemblies with a nominal outside diameter less than 90 mm.

SIST/TC ISEL Strojni elementi

SIST EN ISO 18183-1:2024

2024-06 (po) (en;fr;de) 24 str. (F)

Specifikacija geometrijskih veličin izdelka (GPS) - Razdelitev - 1. del: Slovar in osnovni pojmi (ISO 18183-1:2024)

Geometrical product specifications (GPS) - Partition - Part 1: Vocabulary and basic concepts (ISO 18183-1:2024)

Osnova: EN ISO 18183-1:2024

ICS: 01.040.17, 17.040.40

This document sets out the basic terminology for ISO GPS partitioning and the framework for the fundamental procedures used in ISO GPS partitioning.

SIST/TC ISS EIT.NZG Naprave za gospodinjstvo

SIST EN 60730-2-5:2015/AC:2024

2024-06 (po) (en) 3 str. (AC)

Avtomatske električne krmilne naprave - 2-5. del: Posebne zahteve za avtomatske električne krmilne sisteme gorilnikov

Automatic electrical controls - Part 2-5: Particular requirements for automatic electrical burner control systems

Osnova: EN 60730-2-5:2015/AC:2023-12

ICS: 97.120

Popravek k standardu SIST EN 60730-2-5:2015.

This part of IEC 60730 applies to automatic electrical burner control systems for the automatic control of burners for oil, gas, coal or other combustibles for household and similar use including heating, air conditioning and similar use.

This part 2-5 is applicable to a complete burner control system and to a separate programming unit. This part 2-5 is also applicable to a separate electronic high-voltage ignition source and to a separate flame detector.

NOTE Separate ignition devices (electrodes, pilot burners, etc.) are not covered by this part 2-5 unless they are submitted as part of a burner control system. Requirements for separate ignition transformers are contained in IEC 60989.

Throughout this part 2-5, where it can be used unambiguously, the word "system" means "burner control system" and "systems" means "burner control systems".

Systems utilizing thermoelectric flame supervision are not covered by this part 2-5.

SIST/TC ISTP Stavbno pohištvo

SIST EN 16005:2024+A1:2024

2024-06 (po) (en;fr;de) 67 str. (K)

Avtomatska vrata za prehod ljudi - Varnost pri uporabi - Zahteve in preskusne metode (vključno z dopolnilom A1)

Power operated pedestrian doorsets - Safety in use - Requirements and test methods

Osnova: EN 16005:2023+A1:2024

ICS: 97.120, 91.060.50

This document specifies requirements regarding design and test methods for power operated pedestrian doorsets. Examples of how the doorset constructions may be operated include: electro-mechanically, electro-hydraulically, electro-magnetically or pneumatically.

This document covers safety in use of power operated pedestrian doorsets used for normal access as well as in emergency and escape routes and as fire resistance and/or smoke control doorsets.

The type of doorsets covered include power operated pedestrian sliding, swing and revolving doorsets, including balanced doorsets and folding doorsets with a horizontally moving door leaf.

This document deals with all significant hazards, hazardous situations and events relevant to power operated doorsets when they are used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer.

All lifetime phases of the power operated pedestrian doorsets including transportation, assembly, dismantling, disabling and scrapping are considered by this document.

This document does not apply to:

- vertically moving doors;
- doors on lifts;
- doors on vehicles;
- power operated doors or gates mainly intended for vehicular traffic or access for goods;
- doors used in industrial processes;
- partition walls;
- doors outside the reach of people (such as crane gantry fences);
- turnstiles;
- platform doors;
- traffic barriers.

This document does not cover special functions of doorsets, such as security in banks, airports, etc. or fire and/or smoke compartmentation, where conformity of the specific function with requirements of the application is the preference.

This document does not deal with any specific requirements on noise emitted from power operated pedestrian doorsets as their noise emission is not considered to be a relevant hazard.

NOTE Noise emission of power operated pedestrian doorsets is not a significant hazard for the users of these products. It is a comfort aspect.

This document is not applicable to power operated pedestrian doorsets manufactured before the date of its publication.

This document does not cover operation in environments where there is a risk of explosion.

SIST/TC ITC Informacijska tehnologija

SIST EN 17015-1:2024

2024-06 (po) (en;fr;de) **39 str. (H)**

Elektronska javna naročila - Katalog - 1. del: Koreografije

Electronic Public Procurement - Catalogue - Part 1: Choreographies

Osnova: EN 17015-1:2024

ICS: 03.100.10, 35.240.20, 35.240.63

This document provides specifications on business processes for exchanging an electronic product catalogues ("catalogues") as part of the business processes in the post-award area and pre-award area (partially), so that catalogues can serve as a basis for placing orders as well as evaluating tenders. The key aspects covered by this choreography specification:

- Processes for submitting catalogues from the selling to the buying side;
- Processes for submitting catalogue-related data as part of tendering processes.

Transaction used in the specified choreographies are out of scope. These transactions are specified in the related transaction specification on "Catalogue Transactions".

SIST EN 17016-1:2024

2024-06 (po) (en;fr;de) **81 str. (M)**

Elektronska javna naročila - Naročanje - 1. del: Koreografije

Electronic Public Procurement - Ordering - Part 1: Choreographies

Osnova: EN 17016-1:2024

ICS: 35.240.63, 35.240.20, 03.100.10

This choreographies document describes ordering between Buyer and Seller where the Buyer wants to reach an agreement with the Seller about an order. It describes a series of activities that govern communication between the parties and refers to the specifications where information and rules that apply are described.

The various possible behaviours of the Seller and Buyer subsequent to the first order communication are conveyed by variants of this choreography that are described in 5.2.

Previous activities (e.g. cataloguing) and subsequent activities (e.g. invoicing) are outside the scope of this document. If performed electronically, their implementation is covered by other choreographies.

The identifier of this choreographies document is EN 17016-1:2022.

How to claim conformance to this choreography is described in 5.2.3.

SIST EN ISO 12813:2024

SIST EN ISO 12813:2020

2024-06 (po) (en;fr;de) **71 str. (L)**

Elektronsko pobiranje pristojbin - Komunikacija za potrditve skladnosti avtonomnih sistemov (ISO 12813:2024)

Electronic fee collection – Compliance check communication for autonomous systems (ISO 12813:2024)

Osnova: EN ISO 12813:2024

ICS: 35.240.60, 03.220.20

This document defines requirements for short-range communication for the purposes of compliance checking in autonomous electronic fee collecting systems. Compliance checking communication (CCC) takes place between a road vehicle's on-board equipment (OBE) and an interrogator (roadside mounted equipment, mobile device or hand-held unit), and serves to establish whether the data that are delivered by the OBE correctly reflect the road usage of the corresponding vehicle according to the rules of the pertinent toll regime.

The operator of the compliance checking interrogator is assumed to be part of the toll charging role as defined in ISO 17573-1. The CCC permits identification of the OBE, vehicle and contract, and verification of whether the driver has fulfilled his obligations and the checking status and performance of the OBE. The CCC reads, but does not write, OBE data.

This document is applicable to OBE in an autonomous mode of operation; it is not applicable to compliance checking in dedicated short-range communication (DSRC)-based charging systems.

It defines data syntax and semantics, but not a communication sequence. All the attributes defined herein are required in any OBE claimed to be compliant with this document, even if some values are set to "not defined" in cases where certain functionality is not present in an OBE. The interrogator is free to choose which attributes are read in the data retrieval phase, as well as the sequence in which they are read. In order to achieve compatibility with existing systems, the communication makes use of the attributes defined in ISO 14906 wherever useful.

The CCC is suitable for a range of short-range communication media. Specific definitions are given for the CEN-DSRC as specified in EN 15509, as well as for the use of ISO CALM IR, the Italian DSRC as specified in ETSI ES 200 674-1, ARIB DSRC and WAVE DSRC as alternatives to the CEN-DSRC. The attributes and functions defined are for compliance checking by means of the DSRC communication services provided by DSRC application layer, with the CCC attributes and functions made available to the CCC applications at the roadside equipment (RSE) and OBE. The attributes and functions are defined on the level of application data units (ADU).

The definition of the CCC includes:

- the application interface between OBE and RSE (as depicted in Figure 2);
- use of the generic DSRC application layer as specified in ISO 15628 and EN 12834;
- CCC data type specifications given in Annex A;
- a protocol implementation conformance statement (PICS) proforma is given in Annex B;
- use of the CEN-DSRC stack as specified in EN 15509, or other equivalent DSRC stacks as described in Annex C, Annex D, Annex E and Annex F;
- security services for mutual authentication of the communication partners and for signing of data (see Annex H);
- an example CCC transaction is presented in Annex G;
- the informative Annex I highlights how to use this document for the European electronic toll service (as defined in Commission Decision 2009/750/EC).

Test specifications are not within the scope of this document.

SIST EN ISO 13141:2024

SIST EN ISO 13141:2016
SIST EN ISO 13141:2016/A1:2017

2024-06 (po) (en;fr;de) **45 str. (I)**

Elektronsko pobiranje pristojbin - Lokalizacija povečane gostote komunikacije za avtonomne sisteme (ISO 13141:2024)

Electronic fee collection - Localization augmentation communication for autonomous systems (ISO 13141:2024)

Osnova: EN ISO 13141:2024

ICS: 03.220.20, 35.240.60

ISO 13141:2015 establishes requirements for short-range communication for the purposes of augmenting the localization in autonomous electronic fee collection (EFC) systems. Localization augmentation serves to inform on-board equipment (OBE) about geographical location and the identification of a charge object. This International Standard specifies the provision of location and heading information and security means to protect from the manipulation of the OBE with false roadside equipment (RSE).

The localization augmentation communication takes place between an OBE in a vehicle and fixed roadside equipment. This International Standard is applicable to OBE in an autonomous mode of operation.

ISO 13141:2015 defines attributes and functions for the purpose of localization augmentation, by making use of the dedicated short-range communications (DSRC) communication services provided by DSRC Layer 7, and makes these LAC attributes and functions available to the LAC applications at the RSE and the OBE. Attributes and functions are defined on the level of Application Data Units (ADUs, see Figure 1).

SIST EN ISO 17419:2018/A1:2024

2024-06 (po) (en;fr;de) **10 str. (C)**

Inteligentni transportni sistemi - Kooperativni sistemi - Globalna enotna identifikacija - Dopolnilo 1: Območja zaprtega mnogokotnika v ravnini (ISO 17419:2018/Amd 1:2024)

Intelligent transport systems - Cooperative systems - Globally unique identification - Amendment 1: Regions of a closed polygon in a plane (ISO 17419:2018/Amd 1:2024)

Osnova: EN ISO 17419:2018/A1:2024

ICS: 35.240.60, 03.220.20

Amandma A1:2024 je dodatek k standardu SIST EN ISO 17419:2018.

This document

- describes and specifies globally unique addresses and identifiers (ITS-S object identifiers) which are both internal and external to ITS stations and are used for ITS station management,
- describes how ITS-S object identifiers and related technical parameters are used for classification, registration and management of ITS applications and ITS application classes,
- describes how ITS-S object identifiers are used in the ITS communication protocol stack,
- introduces an organizational framework for registration and management of ITS-S objects,
- defines and specifies management procedures at a high functional level,
- is based on the architecture of an ITS station specified in ISO 21217:2014 as a Bounded Secured Managed Domain (BSMD),
- specifies an ASN.1 module for the identifiers, addresses, and registry records identified in this document, and
- specifies an ASN.1 module for a C-ITS Data Dictionary containing ASN.1 type definitions of general interest.

SIST EN ISO 18104:2024

SIST EN ISO 18104:2014

2024-06 (po) (en;fr;de) **45 str. (I)**

Zdravstvena informatika - Kategorijske strukture za predstavitev prakse bolniške nege v terminoloških sistemih (ISO 18104:2023)

Health informatics - Categorical structures for representation of nursing practice in terminological systems (ISO 18104:2023)

Osnova: EN ISO 18104:2023

ICS: 35.240.80

This document specifies the characteristics of categorial structures, representing nursing practice. The overall aim of this document is to support interoperability in the exchange of meaningful information between information systems in respect of nursing diagnoses, nursing actions and nurse sensitive outcomes. Categorial structures for nursing diagnoses, nursing actions, nurse sensitive outcomes and associated categories support interoperability by providing common frameworks with which to

- a) analyse the features of different terminologies, including pre- and post-coordinated expressions, those of other healthcare disciplines, and to establish the nature of the relationship between them,
- b) develop terminologies for representing nursing diagnoses, nursing actions, and nurse sensitive outcomes,
- c) develop terminologies that are able to be related to each other, and
- d) establish relationships between terminology models, information models, including archetypes, and ontologies in the nursing domain.

There is early evidence that the categorial structures can be used as a framework for analysing nursing practice, for developing nursing content of electronic record systems, document the value of nursing services provided and to make nursing's contribution visible.

SIST EN ISO 21177:2024

SIST EN ISO 21177:2023

2024-06 (po) (en;fr;de) 113 str. (N)

Intelligentni transportni sistemi - Storitve varovanja postaj ITS za varno vzpostavitev sej in preverjanje pristnosti med zaupanja vrednimi napravami (ISO 21177:2024)

Intelligent transport systems - ITS station security services for secure session establishment and authentication between trusted devices (ISO 21177:2024)

Osnova: EN ISO 21177:2024

ICS: 35.240.60, 35.030, 03.220.01

This document contains specifications for a set of ITS station security services required to ensure the authenticity of the source and integrity of information exchanged between trusted entities, i.e.:

- between devices operated as bounded secured managed entities, i.e. "ITS Station Communication Units" (ITS-SCU) and "ITS station units" (ITS-SU) as specified in ISO 21217; and
- between ITS-SUs (composed of one or several ITS-SCUs) and external trusted entities such as sensor and control networks.

These services include the authentication and secure session establishment which are required to exchange information in a trusted and secure manner.

These services are essential for many intelligent transport system (ITS) applications and services including time-critical safety applications, automated driving, remote management of ITS stations (ISO 24102-2), and roadside/infrastructure-related services.

SIST EN ISO 21549-7:2024

SIST EN ISO 21549-7:2017

2024-06 (po) (en;fr;de) 51 str. (J)

Zdravstvena informatika - Podatki o pacientu na zdravstveni kartici - 7. del: Podatki o zdravilih (ISO 21549-7:2024)

Health informatics - Patient healthcard data - Part 7: Medication data (ISO 21549-7:2024)

Osnova: EN ISO 21549-7:2024

ICS: 35.240.15, 35.240.80

ISO 21549-7:2016 applies to situations in which such data is recorded on or transported by patient healthcards compliant with the physical dimensions of ID-1 cards defined by ISO/IEC 7810.

ISO 21549-7:2016 specifies the basic structure of the data contained within the medication data object, but does not specify or mandate particular data sets for storage on devices.

The purpose of this document is for cards to provide information to other health professionals and to the patient or its non-professional caregiver.

It can also be used to carry a new prescription from the prescriber to the dispenser/pharmacy in the design of its sets.

Medication data include the following four components:

- medication notes: additional information related to medication and the safe use of medicines by the patient such as medication history, sensitivities and allergies;
- medication prescriptions: to carry a new prescription from the prescriber to the dispenser/pharmacy;
- medication dispensed: the records of medications dispensed for the patient;
- medication references: pointers to other systems that contain information that makes up medication prescription and the authority to dispense.

The following topics are beyond the scope of this document:

- physical or logical solutions for the practical functioning of particular types of data cards;
- how the message is processed further "downstream" of the interface between two systems;
- the form which the data takes for use outside the data card, or the way in which such data is visibly represented on the data card or elsewhere.

NOTE Not only does the definition of "medicinal products" differ from country to country, but also the same name can relate to entirely different products in some countries. Therefore, it is important to consider the safety of the patient when the card is used across borders.

ISO 21549-7:2016 describes and defines the Medication data objects used within or referenced by patient-held health data cards using UML, plain text and Abstract Syntax Notation (ASN.1).

ISO 21549-7:2016 does not describe nor define the common objects defined within ISO 21549-2, even though they are referenced and utilized within this document.

SIST EN ISO 21860:2024

2024-06 (po) (en;fr;de) **59 str. (J)**

Zdravstvena informatika - Portfelj referenčnih standardov (RSP) - Klinično slikanje (ISO 21860:2020)
Health Informatics - Reference standards portfolio (RSP) - Clinical imaging (ISO 21860:2020)

Osnova: EN ISO 21860:2024

ICS: 35.240.80

This document establishes the Reference Standards Portfolio (RSP) for the clinical imaging domain (as defined in Clause 4).

An RSP lists the principle health information technology (HIT) standards that form the basis of implementing and deploying interoperable applications in the target domain.

An RSP includes a description of the domain, a normative list of standards, and an informative framework for mapping the standards to example deployment use cases.

The lists do not include standards that are specifically national in scope.

The primary target audience for this document is policy makers (governmental or organizational), regulators, project planners and HIT managers. This document will also be of interest to other stakeholders such as equipment and HIT vendors, clinical and health information management (HIM) professionals and standards developers.

The intended usage of this document is to inform decisions about selecting the standards that will form the basis of integration projects in geographic regions or healthcare organizations. For example:

- What standards to use for capturing/encoding/exchanging certain types of information
- What standards to use for interfaces between the devices and information systems that support information capture, management, exchange, processing and use
- What standards to use for specific use cases/deployment scenarios

The selected standards, and/or corresponding RSP clauses, might be useful when drafting project specifications.

Figure 1 shows the conceptual organization of this document. The top part represents individual HIT standards grouped under semantic, technical and functional interoperability categories. The bottom part shows use cases for example implementation projects with a selected list of standards.

SIST EN ISO/IEC 15421:2024

SIST EN ISO/IEC 15421:2003

2024-06 (po) (en;fr;de) **17 str. (E)**

Informacijska tehnologija - Tehnike za samodejno razpoznavanje in zajem podatkov - Specifikacije za glavni preskus črtnih kod (ISO/IEC 15421:2010)

Information technology - Automatic identification and data capture techniques - Bar code master test specifications (ISO/IEC 15421:2010)

Osnova: EN ISO/IEC 15421:2024

ICS: 35.040.50

New Work Item for the alignment of EN ISO/IEC 15421:2000 with the identical adoption of ISO/IEC 15421:2010

SIST EN ISO/IEC 27006-1:2024

SIST EN ISO/IEC 27006:2021

2024-06 (po) (en;fr;de) **56 str. (J)**

Zahteve za organe, ki izvajajo presojanje in certificiranje sistemov upravljanja informacijske varnosti - 1. del: Splošno (ISO/IEC 27006-1:2024)

Requirements for bodies providing audit and certification of information security management systems - Part 1: General (ISO/IEC 27006-1:2024)

Osnova: EN ISO/IEC 27006-1:2024

ICS: 35.030, 03.120.20

ISO/IEC 27006:2015 specifies requirements and provides guidance for bodies providing audit and certification of an information security management system (ISMS), in addition to the requirements contained within ISO/IEC 17021-1 and ISO/IEC 27001. It is primarily intended to support the accreditation of certification bodies providing ISMS certification.

The requirements contained in this International Standard need to be demonstrated in terms of competence and reliability by any body providing ISMS certification, and the guidance contained in this

International Standard provides additional interpretation of these requirements for any body providing ISMS certification.

NOTE This International Standard can be used as a criteria document for accreditation, peer assessment or other audit processes.

SIST-TP CEN/TR 18030:2024

2024-06 (po) (en;fr;de) 33 str. (H)

Osebna identifikacija - Biometrija - Pregled sistemov biometričnega preverjanja, ki se izvajajo po Evropi

Personal identification - Biometrics - Overview of biometric verification systems implemented across Europe

Osnova: CEN/TR 18030:2023

ICS: 35.240.15

This Technical Report provides an overview of the current deployment of biometric systems within Europe. It addresses the challenges that are being faced, in order to detect the current needs for improving the specifications for the implementation and deployment of biometric systems. This Technical Report considers all kind of deployments, from border control to ad-hoc services. As most of the deployed systems are based on the use of fingerprints or face recognition, this Technical Report will focus on these two biometric modalities, from the system integrator and interoperability points of view.

Identity documents, in terms of production, structure, interoperability, etc., are out of the scope of this TR. The TR is focused on the performance at system level.

The current European legislative initiatives around this topic (e.g., Entry/Exit System, framework for interoperability between EU information systems, etc.) need a robust framework study about the availability of standard technologies to improve interoperability in biometric products around the European Union.

By showing these needs, a set of recommendations for future standardization works is provided.

From a methodological perspective, the report gathers information of different entities with this classification:

- Capture/enrolment of biometrics including the quality assurance and the generation of feature or biometric models from the images.
- Best practices and guidelines to use biometrics in Europe.
- Data Quality environment using biometrics in European networks.

SIST-TS CEN ISO/TS 14265:2024

SIST-TS CEN ISO/TS 14265:2014

2024-06 (po) (en;fr;de) 20 str. (E)

Zdravstvena informatika - Klasifikacija namenov za obdelavo osebnih zdravstvenih informacij (ISO/TS 14265:2024)

Health informatics - Classification of purposes for processing personal health information (ISO/TS 14265:2024)

Osnova: CEN ISO/TS 14265:2024

ICS: 35.240.80

ISO/TS 14265:2011 defines a set of high-level categories of purposes for which personal health information can be processed. This is in order to provide a framework for classifying the various specific purposes that can be defined and used by individual policy domains (e.g. healthcare organizations, regional health authorities, jurisdictions, countries) as an aid to the consistent management of information in the delivery of health care services and for the communication of electronic health records across organizational and jurisdictional boundaries.

The scope of application of ISO/TS 14265:2011 is limited to Personal Health Information as defined in ISO 27799, information about an identifiable person that relates to the physical or mental health of the individual, or to provision of health services to the individual.

SIST-TS CEN ISO/TS 5499:2024

2024-06 (po) (en;fr;de) **32 str. (G)**

Zdravstvena informatika - Klinični podatki - Temeljna načela za uskladitev izrazov in identifikatorjev terapevtskih indikacij (ISO/TS 5499:2024)

Health informatics - Clinical particulars - Core principles for the harmonization of therapeutic indications terms and identifiers (ISO/TS 5499:2024)

Osnova: CEN ISO/TS 5499:2024

ICS: 35.240.80

The objective of this document is to establish common principles for the creation, assessment, selection and maintenance of maps between terminological resources used to describe and code IDMP therapeutic indications for investigational and medicinal products, medical devices, combination products, biologics and companion diagnostics. Core maintenance principles, such as reliability, reproducibility and quality assurance of the maps for future indication terminology use, are also discussed. The intended audience for this document includes:

- a) Global regulators, pharmaceutical/biopharmaceutical companies, Clinical Research Organizations (CROs) and universities/scientific institutes involved in the development, authorization and marketing of medicinal products
- b) Implementers of IDMP seeking more information about coding of Therapeutic Indications
- c) Healthcare providers
- d) Standards Organizations
- e) Implementers and software vendors developing and implementing terminology map sets
- f) Patients

SIST/TC ITEK Tekstil in tekstilni izdelki

SIST EN ISO 105-B04:2024

2024-06 (po) (en;fr;de) **21 str. (F)**

Tekstilije - Preskušanje barvne obstojnosti - Del B04: Obstojnost barve pri umetnih vremenskih vplivih: Preskus s pojemajočo obločno ksenonsko svetilko (ISO 105-B04:2024)

Textiles - Tests for colour fastness - Part B04: Colour fastness to artificial weathering: Xenon arc fading lamp test (ISO 105-B04:2024)

Osnova: EN ISO 105-B04:2024

ICS: 59.080.01

This part of ISO 105 specifies a method intended for determining the resistance of the colour of textiles of all kinds, except loose fibres, to the action of weather as determined by exposure to simulated weathering conditions in a cabinet equipped with a xenon arc lamp. ISO 105-B04 focuses on textiles (such as apparel) where the main evaluation criteria is the colour fastness.

This method can be used to determine if a textile is wet light-sensitive.

NOTE 1 General information on colour fastness to light is given in Annex A.

NOTE 2 Textiles or technical textiles, which are permanently exposed to an outdoor environment and/or require mechanical testing (such as tensile strength determination) may be tested according to ISO 105-B10.

SIST/TC IZL Izolatorji

SIST EN IEC 60437:2024

2024-06 (po) (en;fr;de) **17 str. (E)**

Preskus radijskih motenj na visokonapetostnih izolatorjih (IEC 60437:2023)

Radio interference test on high-voltage insulators (IEC 60437:2023)

Osnova: EN IEC 60437:2024

ICS: 29.080.10

IEC 60437:2023 specifies the procedure for a radio interference (RI) test carried out in a laboratory on clean and dry insulators at a frequency of 0,5 MHz or 1 MHz or, alternatively, at other frequencies between 0,5 MHz and 2 MHz.

This document applies to insulators for use on AC or DC overhead power lines and overhead traction lines with a nominal voltage greater than 1 000 V.

This third edition cancels and replaces the second edition published in 1997. This third edition cancels and replaces the second edition published in 1997. This edition includes the following significant technical changes with respect to the previous edition:

- a) Composite station post and composite hollow core station post insulators have been included;
- b) All paragraphs of Samples test were actualized;
- c) Sample test fast procedure was introduced.

SIST/TC IŽNP Železniške naprave

SIST EN 14067-4:2024

2024-06 (po) (en;fr;de) **60 str. (J)**

Železniške naprave - Aerodinamika - 4. del: Zahteve in ugotavljanje skladnosti za aerodinamiko na odprti progi

Railway applications - Aerodynamics - Part 4: Requirements and assessment procedures for aerodynamics on open track

Osnova: EN 14067-4:2024

ICS: 45.060.01

This document establishes requirements, test procedures, assessment methods and acceptance criteria for operating rolling stock in open track. For pressure variations and slipstream effects beside the track, requirements and assessment methods are provided. For running resistance, assessment methods are addressed in this document. Load cases on infrastructure components due to train-induced pressure variations and slipstream effects are addressed in this document. For ballasted track test set-ups for ballast projection assessment are proposed.

The requirements only apply to rolling stock of the heavy rail system with maximum train speeds above 160 km/h and not to other rail systems. The document is applicable to all rolling stock and infrastructure in open air with nominal track gauges of 1 435 mm to 1 668 mm inclusive.

SIST EN 15328:2020+A1:2024

2024-06 (po) (en;fr;de) **89 str. (M)**

Železniške naprave - Zavore - Zavorne obloge

Railway applications - Braking - Brake pads

Osnova: EN 15328:2020+A1:2024

ICS: 45.040

This document specifies requirements for pads for disc brakes of railway rolling stock.

The document defines requirements and generic test programs for brake pads on dynamometer. This document does not cover mandatory tests to verify stopping distances in addition to laboratory, bench test and in-service tests. In order to qualify the brake pad performance in accordance with the classification the standard provides fixed parameter figures as categories defined in paragraph classification scheme.

This document is not applicable for urban rail applications.

SIST EN 16451:2024

2024-06 (po) (en;fr;de) **28 str. (G)**

Železniške naprave - Zavore - Nosilec zavorne obloge

Railway applications - Braking - Brake pad holder

Osnova: EN 16451:2024

ICS: 45.040

The document is applicable to the brake pad holders with which the rail vehicles of main-line railways, regional and suburban railways are fitted. Brake pad holders pursuant to this document are to be made from ferrous materials e.g. cast iron, cast steel or forged steel. Brake pad holders made of non-ferrous materials are not subject of this document.

SIST EN 17149-1:2024

2024-06 (po) (en;fr;de) **34 str. (H)**

Železniške naprave - Ocenjevanje odpornosti konstrukcije železniških vozil - 1. del: Splošno
Railway applications - Strength assessment of rail vehicle structures - Part 1: General

Osnova: EN 17149-1:2024

ICS: 45.060.01

This document describes the basic terms and definitions as well as general procedures for strength assessment of rail vehicle structures that are manufactured, operated and maintained according to standards valid for rail system applications.

The assessment procedure is restricted to ferrous materials and aluminium.

This document does not define design load cases.

This document is not applicable for corrosive conditions or elevated temperature operation in the creep range.

This document is applicable to all kinds of rail vehicles.

SIST EN 17149-2:2024

2024-06 (po) (en;fr;de) **24 str. (F)**

Železniške naprave - Ocenjevanje odpornosti konstrukcije železniških vozil - 2. del: Ocena statične odpornosti

Railway applications - Strength assessment of rail vehicle structures - Part 2: Static strength assessment

Osnova: EN 17149-2:2024

ICS: 45.060.01

This document describes a procedure for static strength assessment of rail vehicle structures that are manufactured, operated and maintained according to standards valid for rail system applications.

The assessment procedure is restricted to ferrous materials and aluminium.

This document does not define design load cases.

This document is not applicable for corrosive conditions or elevated temperature operation in the creep range.

This document is applicable to all kinds of rail vehicles.

SIST EN ISO 22074-7:2024

2024-06 (po) (en;fr;de) **16 str. (D)**

Železniška infrastruktura - Sistemi za pritrdjevanje tirnic - 7. del: Preskusna metoda za pritiskne sile vzmeti in dvižne togosti (ISO 22074-7:2021)

Railway infrastructure - Rail fastening systems - Part 7: Test method for clamping force and uplift stiffness (ISO 22074-7:2021)

Osnova: EN ISO 22074-7:2024

ICS: 45.080

This document specifies the laboratory test procedure for determining the clamping force exerted by the fastening system on the foot of the rail by measuring the force to separate the rail foot from its immediate support. When required, the procedure is also used to determine the uplift stiffness of the fastening system.

It is applicable to systems with and without baseplates on all types of sleepers, bearers or elements of ballastless track. The test does not determine the security of the fastening components fixed into the sleeper or other fastening system support.

This test procedure applies to a complete fastening assembly. It is not applicable to fastening systems for embedded rail or other fastening systems which do not act on the foot of the rail.

SIST/TC KAT Karakterizacija tal, odpadkov in blata

SIST EN 12579:2024

2024-06 (po) (en;fr;de)

SIST EN 12579:2013

38 str. (H)

Izboljševalci tal in rastni substrati - Vzorčenje
Soil improvers and growing media - Sampling

Osnova: EN 12579:2024

ICS: 65.080

This document specifies methods for sampling of soil improvers and growing media for subsequent determination of quality and quantity. It outlines the principles to be taken into consideration when taking the sample and ensuring an adequate quantity is available for testing.

This document applies to material in solid form (including pre-shaped growing media) and liquid form. This document is intended to be used by manufacturers, buyers and enforcement agencies in verifying claims made for these materials. It is not intended that it should necessarily be used for the purpose of manufacturing control.

The requirements of this document can differ from the national legal requirements for the declaration of the material concerned.

SIST EN 12946:2024

2024-06 (po) (en;fr;de)

SIST EN 12946:2001

SIST EN 12946:2001/AC:2003

11 str. (C)

Sredstva za apnjenje - Določanje kalcija in magnezija - Kompleksometrijska metoda

Liming materials - Determination of the calcium content and magnesium content - Complexometric method

Osnova: EN 12946:2023

ICS: 65.080

This European Standard specifies a complexometric method for the determination of the calcium content and the magnesium content of liming materials. It is not applicable to products with a mass fraction less than 2% (m/m) magnesium or those with a mass fraction more than 1% P₂O₅ and is not applicable to silicate liming materials.

SIST EN 1482-4:2024

2024-06 (po) (en;fr;de) 14 str. (D)

Gnojila, sredstva za apnjenje in inhibitorji - Vzorčenje in priprava vzorcev - 4. del: Vzorčenje za ugotavljanje prisotnosti mikroorganizmov

Fertilizers, liming materials and inhibitors - Sampling and sample preparation - Part 4: Sampling for microbial presence

Osnova: EN 1482-4:2024

ICS: 65.080

This document specifies the method for taking a sample of solid and liquid forms of organic fertilizers, organo-mineral fertilizers and inorganic fertilizers containing more than 1 % by mass of organic carbon, when in packages, containers or in bulk, to test for levels of controlled pathogens present.

SIST EN 15560:2024

2024-06 (po) (en;fr;de)

SIST EN 15560:2009

9 str. (C)

Anorganska gnojila - Določanje celotnega dušika v kalcijevem cianoamidu, ki ne vsebuje nitratov
Inorganic fertilizers - Determination of total nitrogen in calcium cyanamide nitrate free

Osnova: EN 15560:2023

ICS: 65.080

This European Standard specifies a method for the determination of total nitrogen in nitrate-free calcium cyanamide.

SIST EN 15561:2024

SIST EN 15561:2009

2024-06 (po) (en;fr;de) **9 str. (C)**

Anorganska gnojila - Določanje celotnega dušika v kalcijevem cianoamidu, ki vsebuje nitrate
Inorganic fertilizers - Determination of total nitrogen in calcium cyanamide containing nitrates

Osnova: EN 15561:2023

ICS: 65.080

This document specifies a method for the determination of total nitrogen in calcium cyanamide. The method is applicable to calcium cyanamide containing nitrates.

SIST EN 15562:2024

SIST EN 15562:2009

2024-06 (po) (en;fr;de) **9 str. (C)**

Anorganska gnojila - Določanje cianoamidnega dušika
Inorganic fertilizers - Determination of cyanamide nitrogen

Osnova: EN 15562:2023

ICS: 65.080

This document specifies a method for the determination of cyanamide nitrogen in fertilizers. The method is applicable to calcium cyanamide and calcium cyanamide/nitrate mixtures.

SIST EN 15705:2024

SIST EN 15705:2010

2024-06 (po) (en;fr;de) **16 str. (D)**

Anorganska gnojila - Določanje oligomerov metilenuree s tekočinsko kromatografijo visoke ločljivosti (HPLC)

Inorganic fertilizers - Determination of methylen-urea oligomers using high-performance liquid chromatography (HPLC)

Osnova: EN 15705:2023

ICS: 65.080

This document specifies a method for the determination of methylen-urea (MU) oligomers in inorganic fertilizers using high-performance liquid chromatography (HPLC).

The method is applicable to all fertilizers, which do not contain interfering organic compounds.

SIST EN 15959:2024

SIST EN 15959:2012

2024-06 (po) (en;fr;de) **13 str. (D)**

Anorganska gnojila - Določanje ekstrahiranega fosforja P2O5

Inorganic fertilizers - Determination of extracted phosphorus P2O5

Osnova: EN 15959:2023

ICS: 65.080

This document specifies a method for the determination of phosphorus in fertilizer extracts.

The method is applicable to all extracts of fertilizers for the determination of the different forms of phosphorus as phosphorus soluble in mineral acids, water-soluble phosphorus, phosphorus soluble in solutions of ammonium citrate, phosphorus soluble in 2 % citric acid and phosphorus soluble in 2 % formic acid.

SIST EN 17505:2024

2024-06 (po) (en;fr;de) **31 str. (G)**

Karakterizacija tal in odpadkov - Diferenciacija celotnega ogljika v odvisnosti od temperature (TOC400, ROC, TIC900)

Soil and waste characterization - Temperature dependent differentiation of total carbon (TOC400, ROC, TIC900)

Osnova: EN 17505:2023

ICS: 13.030.10, 13.080.10

This European standard specifies a method for the differentiated determination of the organic carbon content (TOC400) which is released at temperatures up to 400 °C, the residual oxidizable carbon (ROC)

(including e.g. lignite (brown coal), hard coal, charcoal, black carbon, soot) and the inorganic carbon (TIC900) which is released at temperatures up to 900 °C.

The basis is the dry combustion to CO₂ in the presence of oxygen using temperatures ranging from 150°C to 900 °C in dry solid samples of soil, soil with anthropogenic admixtures and solid waste (see Table 1) with carbon contents of more than 1 g per kg (0,1 % C) (per carbon type in the test portion).

SIST EN 17516:2024

2024-06 (po) (en;fr;de) **72 str. (L)**

Odpadki - Karakterizacija granuliranih trdnih snovi (granulatov), ki se lahko uporabljajo kot gradbeni material - Preskus skladnosti izluževanja - Preskus precejanja v koloni s tokom navzgor

Waste - Characterization of granular solids with potential for use as construction material - Compliance leaching test - Up-flow percolation test

Osnova: EN 17516:2023

ICS: 13.030.10, 91.100.01

This document specifies an up-flow percolation procedure applicable to determine the release of hazardous inorganic and non-volatile organic substances from granular solids derived from waste with potential for beneficial use as construction product. The principle is identical with CEN TS 16637-3 "Construction products – Assessment of release of dangerous substances – Part 3: Horizontal up-flow percolation test". Waste materials without potential for beneficial use are excluded from the scope. The test is applicable to waste material of which the general long-term leaching behavior is known based on previous investigations.

SIST EN 17813:2024

2024-06 (po) (en;fr;de) **20 str. (E)**

Trdni matriksi v okolju - Določanje halogenov in žvepla z ionsko kromatografijo po oksidativnem pirohidrolitskem sežigu

Environmental solid matrices - Determination of halogens and sulfur by oxidative pyrohydrolytic combustion followed by ion chromatography

Osnova: EN 17813:2023

ICS: 71.040.50, 71.040.40

This European Standard specifies a method for the direct determination total fluorine, chlorine, bromine and sulfur content in environmental solid matrices. The method is applicable for the determination of concentrations ≥ 10 mg/kg of each element based on dry matter. The upper limit and exact concentration range covered depends on system blank levels of instrumentation and capacity of the chromatographic separation column used for determination.

SIST EN 17816:2024

2024-06 (po) (en;fr;de) **11 str. (C)**

Sredstva za apnjenje - Določanje fizikalnih in kemijskih lastnosti ter specifičnih onesnaževal

Liming materials - Determination of physical and chemical properties and specific contaminants

Osnova: EN 17816:2023

ICS: 65.080

This document specifies references to methods for the determination of the following physical and chemical properties and specific contaminants in liming materials:

- neutralizing value;
- Reactivity;
- Grain size/Granulometry;
- Total calcium oxide content (CaO);
- Total magnesium content (MgO);
- Cadmium content;
- Hexavalent chromium content;
- Mercury content;
- Nickel and lead content;
- Arsenic content;

–Total chromium content.

SIST EN 17817:2024

2024-06 (po) (en;fr;de) **20 str. (E)**

Sredstva za gnojenje, sredstva za apnjenje in inhibitorji - Določanje količine (upoštevajoč maso ali prostornino)

Fertilizers, liming materials and inhibitors - Determination of the quantity (declared by mass or volume)

Osnova: EN 17817:2023

ICS: 65.080

This document specifies methods for the determination of quantity of the following solid and liquid fertilizing products: organic fertilizers, organo-mineral fertilizers, inorganic fertilizers, liming materials and inhibitors in packages, containers or in bulk.

This document is applicable to fertilizing products blends where organic fertilizers, organo-mineral fertilizers, inorganic fertilizers, liming materials and inhibitors are the highest % of the blend by mass or volume, or in the case of liquid form by dry mass. If organic fertilizers, organo-mineral fertilizers, inorganic fertilizers, liming materials and inhibitors are not the highest % of the blend, the European Standard for the highest % of the blend applies. In case a fertilizing product blend is made up of components in equal quantity, the user decides which standard to apply.

This document is not applicable to the quantity determination of: growing media, soil improvers and plant biostimulants.

SIST EN 17864:2024

SIST EN 15705:2010

2024-06 (po) (en;fr;de) **12 str. (C)**

Anorganska gnojila - Določanje dušika v IBDU (izobutilidendiurea) in CDU (krotonilidendiurea)

Inorganic fertilizers - Determination of nitrogen content in IBDU (isobutylidenediurea) and CDU (crotonylidenediurea)

Osnova: EN 17864:2023

ICS: 65.080

This document specifies a method for the determination of nitrogen content in IBDU (isobutylidenediurea) and CDU (crotonylidenediurea) using high-performance liquid chromatography (HPLC).

SIST EN 17925:2024

2024-06 (po) (en;fr;de) **9 str. (C)**

Izboljševalci tal in rastni substrati - Določanje temperaturno-časovnega profila med kompostiranjem in razkrojem odpadkov

Soil improvers and growing media - Determination of temperature-time profiles during composting and digestion

Osnova: EN 17925:2024

ICS: 65.080

This European Standard specifies methods for determining temperature and time profiles during composting and anaerobic digestion for the production of compost and digestate.

The process monitoring is an organized check and recording of the temperature during a specific time of the composting and anaerobic digestion process.

This standard only applies to composting and anaerobic digestion.

This standard is intended to be used by manufacturers, and enforcement agencies for the purpose of manufacturing control.

The requirements of this standard may differ from national legal requirements for the production process of compost and digestate.

SIST EN ISO 11267:2024

SIST EN ISO 11267:2014

2024-06 (po) (en;fr;de) 46 str. (I)

Kakovost tal - Zaviranje razmnoževanja vrste *Folsomia candida* iz rodu skakačev (*Collembola*) zaradi onesnaževal v tleh (ISO 11267:2023)

Soil quality - Inhibition of reproduction of Collembola (Folsomia candida) by soil contaminants (ISO 11267:2023)

Osnova: EN ISO 11267:2023

ICS: 13.080.30

This document specifies one of the methods for evaluating the habitat function of soils and determining effects of soil contaminants and substances on the reproduction of *Folsomia candida* Willem by dermal and alimentary uptake. This document also provides information on how to use this method for testing substances under temperate conditions.

The chronic test described is applicable to soils and soil materials of unknown quality, e.g. from contaminated sites, amended soils, soils after remediation, industrial, agricultural or other sites of concern and waste materials.

The method is not applicable to volatile substances, i.e. substances for which H (Henry's constant) or the air/water partition coefficient is greater than 1, or for which the vapour pressure exceeds 300 Pa at 25 °C.

SIST EN ISO 16387:2024

SIST EN ISO 16387:2014

2024-06 (po) (en;fr;de) 31 str. (G)

Kakovost tal - Vpliv onesnaževal na enhitreje (*Enchytraeus* sp.) - Ugotavljanje vplivov na razmnoževanje (ISO 16387:2023)

Soil quality - Effects of contaminants on Enchytraeidae (Enchytraeus sp.) - Determination of effects on reproduction (ISO 16387:2023)

Osnova: EN ISO 16387:2023

ICS: 13.080.30

This document specifies one of the methods for evaluating the habitat function of soils and determining effects of soil contaminants and substances on the reproduction of *Enchytraeus* sp. by dermal and alimentary uptake in a chronic test. It is applicable to soils and soil materials of unknown quality, for example, from contaminated sites, amended soils, soils after remediation, agricultural or other sites under concern and waste materials.

This document provides information on how to use this method for testing substances under temperate conditions.

The method is not applicable to substances, for which the air/soil partition coefficient is greater than 1, or to substances for which the vapour pressure exceeds 300 Pa at 25 °C.

NOTE No provision is made in the test method for monitoring the persistence of the substance under test.

SIST EN ISO 22036:2024

SIST EN 16170:2017

SIST ISO 22036:2019

2024-06 (po) (en;fr;de) 37 str. (H)

Trdni matriksi v okolju - Določanje elementov z optično emisijsko spektrometrijo z induktivno sklopljeno plazmo (ICP/OES) (ISO 22036:2024)

Environmental solid matrices - Determination of elements using inductively coupled plasma optical emission spectrometry (ICP-OES) (ISO 22036:2024)

Osnova: EN ISO 22036:2024

ICS: 71.040.50, 13.080.10

This European Standard specifies a method for the determination of the following elements in aqua regia, nitric acid digest solutions of sludge, treated biowaste and soil: Aluminium (Al), antimony (Sb), arsenic (As), barium (Ba), beryllium (Be), bismuth (Bi), boron (B), cadmium (Cd), calcium (Ca), chromium (Cr), cobalt (Co), copper (Cu), gallium (Ga), indium (In), iron (Fe), lead (Pb), lithium (Li), magnesium (Mg), manganese (Mn), mercury (Hg), molybdenum (Mo), nickel (Ni), phosphorus (P), potassium (K), selenium (Se), silicon (Si), silver (Ag), sodium (Na), strontium (Sr), sulfur (S), thallium (Tl), tin (Sn), titanium (Ti), tungsten (W), uranium (U), vanadium (V), zinc (Zn) and zirconium (Zr).

The method has been validated for the elements given in Table A.1. The method is applicable for the other elements listed above, provided the user has verified the applicability.

SIST-TP CEN ISO/TR 20736:2024

2024-06 (po) (en;fr;de) **100 str. (M)**

Predelava, recikliranje, obdelava in odlaganje blata - Navodilo za toplotno obdelavo blata (ISO/TR 20736:2021)

Sludge recovery, recycling, treatment and disposal - Guidance on thermal treatment of sludge (ISO/TR 20736:2021)

Osnova: CEN ISO/TR 20736:2023

ICS: 13.030.20

This Technical Report describes good practice for the incineration and other organic matter treatment by thermal processes of sludges.

Thermal conditioning is excluded.

This Technical Report is applicable for sludges described in the scope of ISO/TC 275 specifically derived from:

- storm water handling;
- night soil;
- urban wastewater collecting systems;
- urban wastewater treatment plants;
- treating industrial wastewater similar to urban wastewater;

It includes all sludge that may have similar environmental and/or health impacts but excludes hazardous sludge from industry and dredged sludge.

SIST-TP CEN/TR 16110:2024

SIST-TP CEN/TR 16110:2011

2024-06 (po) (en) **41 str. (I)**

Karakterizacija odpadkov - Navodilo za uporabo ekotoksikoloških preskusov za odpadke

Characterization of waste - Guidance on the use of ecotoxicity tests applied to waste

Osnova: CEN/TR 16110:2024

ICS: 13.030.01

Ecotoxicity tests can be applied to wastes to identify their potential hazardous properties with respect to the environment or to assess the risk related to a site-specific exposure scenario. This document provides guidance for the selection and use of ecotoxicity tests for both applications.

This document focuses on the following selected field of applications:

- a) Basic ecotoxicological characterization;
- b) Site-specific exposure scenario;
- c) Landfill management:
 - 1) monitoring of leachates;
 - 2) mineral waste going to non-controlled landfill sites.
- d) Re-use of waste:
 - 1) use of sludge in agriculture;
 - 2) use of mineral waste in road construction.

The user should be aware that other fields of application can also be covered by ecotoxicological testing not being in the scope of the document. The ecotoxicological assessment of waste within other scenarios might need the development of other test strategies.

Depending on the waste type and the assessment goal, relevant criteria are described for the selection of a test strategy and the suitable ecotoxicity test(s).

This document also provides guidance for individual ecotoxicity test protocols to meet the specific demands of waste testing (e.g. limitations, test design, confounding factors). The tests recommended represent a minimum test battery that may be accomplished by additional tests or even be replaced by others according to the waste, the intended use or protection goal envisaged.

SIST-TS CEN/TS 17803:2024**2024-06 (po) (en;fr;de) 7 str. (B)**Organska in organsko-mineralna gnojila - Ugotavljanje prisotnosti specifičnih patogenov
Organic and organo-mineral fertilizers - Detection of specific pathogens

Osnova: CEN/TS 17803:2022

ICS: 65.080

The document establishes the methodology for the detection of different pathogens (*Salmonella* spp, *Escherichia Coli* and *Enterococcaceae*).

SIST-TS CEN/TS 17804:2024**2024-06 (po) (en;fr;de) 17 str. (E)**Organska, organsko-mineralna in anorganska gnojila - Ugotavljanje prisotnosti enterokokov
(*Enterocococaceae*)*Organic, organo-mineral and inorganic fertilizers - Detection of Enterocococaceae*

Osnova: CEN/TS 17804:2022

ICS: 65.080

This document specifies a method for the detection and enumeration of *Enterocococaceae* in fertilizers of the following Product Function Categories (PFCs) of EU fertilizing products, as described in Regulation (EU) 2019/1009 [1]:

- PFC 1(A): Organic fertilizer;
- PFC 1(B): Organo-mineral fertilizer;
- PFC 1(C): Inorganic fertilizer, which contains more than 1 % by mass of organic carbon, other than organic carbon from chelating or complexing agents, nitrification inhibitors, denitrification inhibitors or urease inhibitors, coating agents, urea or calcium cyanamide. The present method was validated on products known as present on the market in April 2021 and conform to Regulation (EU) 2019/1009 [1] that are inorganic fertilizers with more than 1 % of organic carbon such as poultry manure and struvite with low level of organic matter. In case that other products would be developed having other physical and chemical characteristics, it might become necessary to develop different methods to correctly account for pathogens they might contain.

This document specifies a colony-count technique on selective media, Slanetz Bartley agar or Bile Esculin Azide agar, respectively. The method is based on EN ISO 7899-2:2000.

SIST-TS CEN/TS 17943:2024**2024-06 (po) (en;fr;de) 35 str. (H)**

Karakterizacija odpadkov - Navodilo za določanje elementov in drugih snovi v odpadkih

Characterization of waste - Guidance on the determination of the content of elements and substances in waste

Osnova: CEN/TS 17943:2023

ICS: 13.030.01

This document provides guidance to the characterization of waste. It applies to all types of waste, with unknown or partially known composition, by giving examples of EN standards dedicated to waste characterization and analytical methods for parameters not covered by standards. Some requirements concerning the determination of inorganic elements and organic substances content in waste are given to achieve approximately 90 % or the highest possible mass.

In case information on the origin or on the composition of the waste is given by the owner of the waste, it might be sufficient to follow only part of this document to complete missing knowledge about the waste.

SIST-TS ISO/TS 22171:2024

2024-06 (po) (en;fr;de) **13 str. (D)**

Kakovost tal - Določanje potencialne kationske izmenjalne kapacitete (CEC) in izmenljivih kationov z uporabo pufrske raztopine amonijevega acetata s pH 7

Soil quality - Determination of potential cation exchange capacity (CEC) and exchangeable cations buffered at pH 7, using a molar ammonium acetate solution

Osnova: ISO/TS 22171:2023

ICS: 13.080.10

This document specifies a method for the determination of potential cation exchange capacity (CEC) and the content of exchangeable cations (Ca, K, Mg, Na) in soils using a molar ammonium acetate solution buffered at pH 7 as extractant.

This document is applicable to all types of air-dry soil samples which have been prepared, for example, according to ISO 11464.

SIST/TC KAV Kakovost vode

SIST EN ISO 13165-1:2024

SIST EN ISO 13165-1:2020

2024-06 (po) (en;fr;de) **24 str. (F)**

Kakovost vode - Radij Ra-226 - 1. del: Preskusna metoda s štetjem s tekočinskim scintilatorjem (ISO 13165-1:2022)

Water quality - Radium-226 - Part 1: Test method using liquid scintillation counting (ISO 13165-1:2022)

Osnova: EN ISO 13165-1:2024

ICS: 17.240, 13.060.60

This document specifies the determination of radium-226 (²²⁶Ra) activity concentration in non-saline water samples by extraction of its daughter radon-222 (²²²Rn) and its measurement using liquid scintillation analysis.

The test method described in this document, using currently available scintillation counters, has a detection limit of approximately 50 mBq·l⁻¹. This method is not applicable to the measurement of other radium isotopes.

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

SIST EN 17430:2024

2024-06 (po) (en;fr;de) **29 str. (G)**

Kemična razkužila in antiseptiki - Higijensko razkuževanje rok z drgnjenjem z virucidnim sredstvom - Preskusna metoda in zahteve (faza 2, stopnja 2)

Chemical disinfectants and antiseptics - Hygienic handrub virucidal - Test method and requirements (phase 2, step 2)

Osnova: EN 17430:2024

ICS: 11.080.20

This European Standard specifies a test method simulating practical conditions for establishing whether a product for hygienic handrub reduces the release of virus contamination on hands when rubbed onto the artificially contaminated hands of volunteers.

NOTE 1 Attention is drawn to the fact that tests on human volunteers are the subject of legal provisions in certain European countries/regions.

This European Standard applies to products for hygienic handrub for use in areas and situations where disinfection is medically indicated. Such indications occur in patient care, for example:

- in hospitals, in community medical facilities and in dental institutions;
- in clinics of schools, of kindergardens and of nursing homes.

and may occur in the workplace and in the home. It may also include services such as laundries and kitchens supplying products directly for the patient.

EN 14885 specifies in detail the relationship of the various tests to one another and to “use recommendations”.

NOTE 2 This method corresponds to a phase 2, step 2 test.

SIST/TC KŽP Kmetijski pridelki in živilski proizvodi

SIST EN ISO 20122:2024

2024-06 (po) (en;fr;de) **50 str. (I)**

Rastlinska olja - Določevanje nasičenih ogljikovodikov mineralnih olj (MOAH) in aromatskih ogljikovodikov mineralnih olj (MOAH) z on-line sklopljeno analizo s tekočinsko kromatografijo visoke ločljivosti in plinsko kromatografijo v povezavi s plamenskimi ionizacijskim detektorjem (HPLC-GC-FID) - Metoda za nizko mejo določljivosti (ISO 20122:2024)

Vegetable oils - Determination of mineral oil saturated hydrocarbons (MOSH) and mineral oil aromatic hydrocarbons (MOAH) with online-coupled high performance liquid chromatography-gas chromatography-flame ionization detection (HPLC-GC-FID) analysis - Method for low limit of quantification (ISO 20122:2024)

Osnova: EN ISO 20122:2024

ICS: 67.200.10

This International standard method specifies a procedure for the determination of saturated and aromatic hydrocarbons (from C10 to C50) in vegetable fats and oils using the online-coupled HPLC-GC-FID. This standard is not intended to be applied to other matrices.

The method can be used for the analysis of mineral oil saturated hydrocarbons (MOSH) and/or mineral oil aromatic hydrocarbons (MOAH).

According to the results of the interlaboratory studies, the method has been proven suitable for MOSH mass concentrations above 3 mg/kg and MOAH mass concentrations above 2 mg/kg.

In case of suspected interferences, the fossil origin of the MOSH and MOAH fraction can be verified by examination by GC×GC-MS.

An alternative method for the epoxidation of the MOAH fraction (performic acid epoxidation) is proposed in Annex C. This alternative method provides comparable results to the ethanolic epoxidation of the MOAH fraction described in 8.5. This alternative method for epoxidation has proven to be efficient for samples with a high amount of interferences in the MOAH fraction (e.g. tropical oils).

SIST ISO 22935-1:2024

2024-06 (po) (en;fr;de) **23 str. (F)**

Mleko in mlečni izdelki - Senzorična analiza - 1. del: Novačenje, izbira, usposabljanje in spremljanje ocenjevalcev (ISO 22935-1:2023)

Milk and milk products – Sensory analysis – Part 1: Recruitment, selection, training and monitoring of assessors (ISO 22935-1:2023)

Osnova: ISO 22935-1:2023

ICS: 67.100.01, 03.100.30

ISO 22935-1:2023 gives general guidance for the recruitment, selection, training, and monitoring of assessors for sensory analysis of milk and milk products.

It specifies criteria for the selection, and procedures for the training and monitoring, of selected assessors and expert sensory assessors for milk and milk products. It supplements the information given in ISO 8586-1 and parts of ISO 8586-2 that deal with expert sensory assessors.

SIST ISO 22935-2:2024

2024-06 (po) (en;fr;de) **30 str. (G)**

Mleko in mlečni izdelki - Senzorična analiza - 2. del: Metode za senzorično vrednotenje (ISO IS 22935-2:2023)

Milk and milk products – Sensory analysis – Part 2: Methods for sensory evaluation (ISO IS 22935-2:2023)

Osnova: ISO 22935-2:2023

ICS: 67.100.01

ISO 22935-2|IDF 99-2 specifies recommended methods for the sensory evaluation of specific milk and milk products. It specifies criteria for the sampling and preparation of samples and the assessment of the samples.

ISO 22935-2|IDF 99-2 is suitable for application in conjunction with the sensory methodologies outlined in ISO 22935-1|IDF 99-1 and other ISO or IDF sensory methodologies for specific situations and products.

SIST ISO 22935-3:2024

2024-06 (po) (en;fr;de) **13 str. (D)**

Mleko in mlečni izdelki - Senzorična analiza - 3. del: Metoda ocenjevanja skladnosti proizvoda s specifikacijami za senzorične lastnosti s točkovanjem (ISO 22935-3:2023)

Milk and milk products – Sensory analysis – Part 3: Method for evaluation of compliance with product specifications for sensory properties by scoring (ISO 22935-3:2023)

Osnova: ISO 22935-3:2023

ICS: 67.100.01

ISO 22935-3|IDF 99-3 gives guidance on a general method for evaluation of compliance with product specifications for sensory properties based on sensory scoring and the use of a common nomenclature of terms.

The method is especially applicable in process and quality control performed regularly on a larger number of samples and/or with some time pressure and/or with a limited number of expert assessors available.

The results from the method may be part of product classification systems for domestic and international trade. Classification systems are not covered by ISO 22935-3|IDF 99-3.

SIST/TC LLZ Les, lesni izdelki in zaščita lesa

SIST EN 622-4:2024

2024-06 (po) (en;fr;de) **10 str. (C)**

Vlakenne plošče - Specifikacije - 4. del: Zahteve za mehke plošče

Fibreboards - Specifications - Part 4: Requirements for softboards

Osnova: EN 622-4:2024

ICS: 79.060.20

This document specifies the requirements for softboards as defined in EN 316, with a density from 230 kg/m³ to 400 kg/m³.

The values listed in this document relate to product properties but they are not characteristic values to be used in design calculations.

NOTE Panels which are intended for use exclusively as thermal insulating products are covered by EN 13171.

SIST EN 73:2020+A1:2024

2024-06 (po) (en;fr;de) **10 str. (C)**

Trajnost lesa in lesnih proizvodov - Pospeseno staranje zaščenega lesa pred biološkim

preskušanjem - Postopek izparevanja (vključno z dopolnilom A1)

Durability of wood and wood-based products - Accelerated ageing of treated wood prior to biological testing - Evaporative ageing procedure

Osnova: EN 73:2020+A1:2024

ICS: 71.100.50

This document specifies an evaporative ageing procedure, applicable to test specimens of wood and wood-based products which are subsequently subjected to biological tests.

NOTE The method can also be used for pre-conditioning of untreated wood, modified wood and wood-based panel products, whether they received preservative treatment or not.

SIST/TC MOC Mobilne komunikacije

SIST EN IEC 60966-2-1:2024

2024-06 (po) (en) 29 str. (G)

Sestavi radiofrekvenčnih in koaksialnih kablov - 2-1. del: Področna specifikacija za sestave zvijavih koaksialnih kablov

Radio frequency and coaxial cable assemblies - Part 2-1: Sectional specification for flexible coaxial cable assemblies

Osnova: EN IEC 60966-2-1:2024

ICS: 33.120.10

IEC 60966-2-1:2024 is a sectional specification that relates to flexible RF coaxial cable assemblies operating in the transverse electromagnetic mode (TEM). It establishes uniform requirements for testing the electrical, mechanical and climatic properties of flexible cable assemblies composed of flexible RF coaxial cables and RF coaxial connectors.

This part of IEC 60966 applies to flexible cable assemblies composed of flexible RF coaxial cables and coaxial connectors. Flexible RF cable assemblies are widely used in mobile communication systems, microwave test equipment, radar, aerospace and other fields.

NOTE 1 For the purposes of this sectional specification, a cable assembly is always regarded as an integral unit. All specifications apply to the finished assembly and not to individual and non-assembled parts thereof.

NOTE 2 This sectional specification can be supplemented with detail specifications giving additional details as required by the particular application. This application will not necessarily require all tests.

SIST EN IEC 60966-2-2:2024

2024-06 (po) (en) 14 str. (D)

Sestavi radiofrekvenčnih in koaksialnih kablov - 2-2. del: Okvirna podrobna specifikacija za sestave zvijavih koaksialnih kablov (IEC 60966-2-2:2024)

Radio frequency and coaxial cable assemblies - Part 2-2: Blank detail specification for flexible coaxial cable assemblies (IEC 60966-2-2:2024)

Osnova: EN IEC 60966-2-2:2024

ICS: 33.120.10

IEC 60966-2-2:2024 is a blank detail specification that relates to flexible coaxial cable assemblies operating in the transverse electromagnetic mode (TEM).

The creation of a uniform layout and style of detail specifications is determined by the use of a blank detail specification pro forma. The detail specification may be prepared by a national organization, a manufacturer or a user.

SIST EN IEC 60966-4:2024

2024-06 (po) (en) 26 str. (F)

Sestavi radiofrekvenčnih in koaksialnih kablov - 4. del: Področna specifikacija za sestave poltogh koaksialnih kablov (IEC 60966-4:2024)

Radio frequency and coaxial cable assemblies - Part 4: Sectional specification for semi-rigid coaxial cable assemblies (IEC 60966-4:2024)

Osnova: EN IEC 60966-4:2024

ICS: 33.120.10

IEC 60966-4:2024 is a sectional specification that relates to semi-rigid coaxial cable assemblies operating in the transverse electromagnetic mode (TEM). It specifies the design and construction, IEC type designation, workmanship, marking and packaging, standard rating and characteristics, electrical, mechanical and environmental requirements of finished semi-rigid cable assemblies, quality assessment, delivery and storage, etc.

This part of IEC 60966 applies to semi-rigid cable assemblies composed of semi-rigid coaxial cables and coaxial connectors. Semi-rigid cable assemblies are widely used in mobile communication systems, microwave test equipment, radar, aerospace and other fields.

NOTE 1 For the purpose of this sectional specification, a cable assembly is always regarded as an integral unit. All specifications apply to the finished assembly and not to individual and non-assembled parts thereof.

NOTE 2 This sectional specification can be supplemented with detail specifications giving additional details as required by the particular application. This application will not necessarily require all tests.

SIST EN IEC 60966-4-1:2024

2024-06 (po) (en) 15 str. (D)

Sestavi radiofrekvenčnih in koaksialnih kablov - 4-1. del: Okvirna podrobna specifikacija za sestave poltogh koaksialnih kablov (IEC 60966-4-1:2024)

Radio frequency and coaxial cable assemblies - Part 4-1: Blank detail specification for semi-rigid coaxial cable assemblies (IEC 60966-4-1:2024)

Osnova: EN IEC 60966-4-1:2024

ICS: 33.120.10

IEC 60966-4-1:2024 is a blank detail specification that relates to semi-rigid coaxial cable assemblies operating in the transverse electromagnetic mode (TEM).

The creation of a uniform layout and style of detail specifications is determined by the use of a blank detail specification pro forma. The detail specification may be prepared by a national organization, a manufacturer, or a user.

SIST EN IEC 61169-10:2024

2024-06 (po) (en) 28 str. (G)

Radiofrekvenčni konektorji - 10. del: Področna specifikacija za radiofrekvenčne (RF) koaksialne konektorje z notranjim premerom zunanjega vodnika 3 mm (0.12 in) in navojnim spajanjem - Karakteristična impedanca 50 ohmov (tip SMB) (IEC 61169-10:2024)

Radio-frequency connectors - Part 10: Sectional specification for RF coaxial connectors with inner diameter of outer conductor 3 mm (0,12 in) with snap-on coupling - Characteristic impedance 50 Ω (Type SMB) (IEC 61169-10:2024)

Osnova: EN IEC 61169-10:2024

ICS: 33.120.30

IEC 61169-10:2024, which is a sectional specification (SS), provides information and rules for the preparation of detail specifications (DS) for series SMB RF coaxial connectors with snap-on coupling with a characteristic impedance of 50 Ω.

This document prescribes mating face dimensions for high performance connectors – grade 2, dimensional details of standard test connectors – grade 0, gauging information and tests selected from IEC 61169-1, applicable to all detail specifications relating to series SMB RF connectors.

This document indicates recommended performance characteristics to be considered when writing a detail specification and it covers test schedules and inspection requirements for assessment levels M and H.

The series SMB connectors are used to connect with all kinds of RF cables and microstrips in microwave transmission systems. The operating frequency is up to 4 GHz.

SIST EN IEC 61169-70:2024

2024-06 (po) (en) 26 str. (F)

Radiofrekvenčni konektorji - 70. del: Področna specifikacija za radiofrekvenčne koaksialne konektorje serije HD-BNC - Karakteristična impedanca 75 ohmov (IEC 61169-70:2024)

Radio-frequency connectors - Part 70: Sectional specification for series HD-BNC radio-frequency coaxial connectors - Characteristic Impedance 75 Ω (IEC 61169-70:2024)

Osnova: EN IEC 61169-70:2024

ICS: 33.120.30

IEC 61169-70:2024, which is a sectional specification (SS), provides information and rules for the preparation of detail specifications (DS) of HD-BNC series RF coaxial connectors together with the pro forma blank detail specification. HD-BNC series connectors with characteristic impedance of 75 Ω are

used with RF cables or micro-strips in microwave, telecommunication, wireless and other fields. The operating frequency limit is up to 18 GHz.

It also prescribes mating face dimensions for general purpose connectors, gauging information and tests selected from IEC 61169-1, applicable to all detail specifications relating to series HD-BNC RF connectors.

This specification indicates the recommended performance characteristics to be considered when writing a detail specification and it covers test schedules and inspection requirements for assessment levels M and H.

SIST EN IEC 61300-2-44:2024

2024-06 (po) (en) **12 str. (C)**

Optični spojni elementi in pasivne komponente - Osnovni preskusni in merilni postopki - 2-44. del: Preskusi - Spreminjanje natezne obremenitve optičnih elementov in komponent (IEC 61300-2-44:2024)

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-44: Tests - Flexing of the strain relief of fibre optic devices and components (IEC 61300-2-44:2024)

Osnova: EN IEC 61300-2-44:2024

ICS: 33.180.20

IEC 61300-2-44:2024 specifies a test to determine the influence of flexing under tensile load of the strain relief of fibre optic interconnecting devices or components. The intention is to simulate the number of flexing cycles which would typically be experienced during service life. This test is applied to both single fibre cable and multiple fibre cable. This fourth edition cancels and replaces the third edition published in 2013. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition:

- a) replaced active monitoring with transient loss for measurements during test;
- b) harmonized recommended severities according to IEC 61753-1.

SIST EN IEC 61753-071-02:2021/A1:2024

2024-06 (po) (en) **5 str. (B)**

Optični spojni elementi in pasivne komponente - Tehnični standard - 071-02. del: Prostorska stikala brez konektorjev, 1 × 2 in 2 × 2, za enorodovna optična vlakna za kategorijo C - Nadzorovana okolja - Dopolnilo A1 (IEC 61753-071-02/AMD1:2024)

Fibre optic interconnecting devices and passive components - Performance standard - Part 071-02: Non-connectorized single-mode fibre optic 1 × 2 and 2 × 2 spatial switches for category C - Controlled environments (IEC 61753-071-02/AMD1:2024)

Osnova: EN IEC 61753-071-02:2020/A1:2024

ICS: 33.180.20

Amandma A1:2024 je dodatek k standardu SIST EN IEC 61753-071-02:2021.

This part of IEC 61753 contains the minimum initial test and measurement requirements and severities which non-connectorized single-mode fibre optic 1 × 2 and 2 × 2 spatial switches need to satisfy in order to be categorized as meeting the requirements of category C – controlled environments, as defined in Annex A of IEC 61753-1:2018.

SIST EN IEC 63267-2-1:2024

2024-06 (po) (en) **15 str. (D)**

Optični spojni elementi in pasivne komponente - Vmesniki optičnih konektorjev za izboljšana mnogorodovna optična vlakna zaradi upogibanja - 2-1. del: Parametri konektorjev s fizičnim stikom za vlakna s premerom jedra 50 µm - Nepoševno (IEC 63267-2-1:2024)

Fibre optic interconnecting devices and passive components - Connector optical interfaces for enhanced macro bend multimode fibres - Part 2-1: Connection parameters of physically contacting 50 µm core diameter fibres - Non-angled (IEC 63267-2-1:2024)

Osnova: EN IEC 63267-2-1:2024

ICS: 33.180.20

IEC 63267-2-1:2024 defines a set of specified conditions for an enhanced macro bend of 50/125 µm, graded index multimode fibre optic connection that is maintained in order to satisfy the requirements of attenuation and return loss performance in a randomly mated pair of polished physically contacting (PC) fibres.

An encircled flux (EF) compliant launch condition in accordance with IEC 61300-1, at an operational wavelength of 850 nm, is used for determination of performance grades, based on lateral fibre core offset, numerical aperture (NA) mismatch, and fibre core diameter (CD) variation.

Fibre core angular offset is considered insignificant given the state-of-the-art and is excluded as a factor for attenuation estimation. Attenuation and return loss performance grades are defined in IEC 63267-1.

SIST EN IEC 63267-2-2:2024

2024-06 (po) (en) **16 str. (D)**

Optični spojni elementi in pasivne komponente - Vmesniki optičnih konektorjev za izboljšana mnogorodovna optična vlakna zaradi upogibanja - 2-2. del: Parametri konektorjev s fizičnim stikom za vlakna s premerom jedra 50 µm - Nepoševno in poševno za aplikacije referenčnih konektorjev (IEC 63267-2-2:2024)

Fibre optic interconnecting devices and passive components - Connector optical interfaces for enhanced macro bend multimode fibre - Part 2-2: Connection parameters of physically contacting 50 µm core diameter fibres - Non-angled and angled for reference connector applications (IEC 63267-2-2:2024)

Osnova: EN IEC 63267-2-2:2024

ICS: 33.180.20

IEC 63267-2-2:2024 defines the dimensional limits of an optical interface for reference connections necessary to meet specific requirements for fibre-to-fibre interconnection of non-angled and angled polished multimode reference connectors intended to be used for attenuation measurements in the field or factory. Several grades of reference connections are defined in this document.

The multimode reference connections are terminated to restricted IEC 60793-2-10 A1-OM2b to A1-OM5b fibre at the 850 nm band only.

The geometrical dimensions and tolerances of the specified reference connections have been developed primarily to limit the variation in measured attenuation between multiple sets of two reference connectors, and therefore to limit the variation in measured attenuation between randomly chosen reference connectors when mated with connectors in the field or factory.

SIST/TC NAD Naftni proizvodi, maziva in sorodni proizvodi

SIST EN 589:2024

SIST EN 589:2019+A1:2022

2024-06 (po) (en;fr;de) **16 str. (D)**

Goriva za motorna vozila - Utekočinjeni naftni plin (UNP) - Zahteve in preskusne metode *Automotive fuels - LPG - Requirements and test methods*

Osnova: EN 589:2024

ICS: 75.160.20

This document specifies requirements and test methods for marketed and delivered automotive liquefied petroleum gas (LPG), with LPG defined as low pressure liquefied gas composed of one or more light hydrocarbons which are assigned to UN 1011, 1075, 1965, 1969 or 1978 only and which consists mainly of propane, propene, butane, butane isomers, butenes with traces of other hydrocarbon gases.

This standard is applicable to automotive LPG for use in LPG engine vehicles designed to run on automotive LPG.

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

WARNING - Attention is drawn to the risk of fire and explosion when handling LPG and to the hazard to health arising through inhalation of excessive amounts of LPG.

LPG is a highly volatile hydrocarbon liquid which is normally stored under pressure. If the pressure is released large volumes of gas will be produced which form flammable mixtures with air over the range of approximately 2 % (V/V) to 10 % (V/V). This European Standard involves the sampling, handling and testing of LPG. Naked flames, unprotected electrical equipment electrostatic hazards etc. are sources of ignition for LPG.

LPG in liquid form can cause cold burns to the skin. The national health and safety regulations apply. LPG is heavier than air and accumulates in cavities. There is a danger of suffocation when inhaling high concentrations of LPG.

CAUTION - One of the tests described in this European Standard involves the operator inhaling a mixture of air and LPG vapour. Particular attention is drawn to the cautionary statement provided in A.1, where this method is referred to.

SIST EN ISO 12185:2024

SIST EN ISO 12185:1998

2024-06 (po) (en;fr;de) 19 str. (E)

Surova nafta, naftni in sorodni proizvodi - Določanje gostote - Laboratorijski merilnik gostote z oscilirajočo U-cevko (ISO 12185:2024)

Crude petroleum, petroleum products and related products - Determination of density - Laboratory density meter with an oscillating U tube sensor (ISO 12185:2024)

Osnova: EN ISO 12185:2024

ICS: 75.080, 75.040

This document specifies a method for the determination, using an oscillating U-tube density meter, of the density of crude petroleum and related products within the range 600 kg/m³ to 1 100 kg/m³, which can be handled as single-phase liquids at the test temperature and pressure.

This document is applicable to liquids of any vapour pressure as long as suitable precautions are taken to ensure that they remain in single phase. Loss of light components leads to changes in density during both the sample handling and the density determination.

This method is not intended for use with in-line density meters.

SIST/TC OTR Izdelki za otroke

SIST EN 12790-1:2024

SIST EN 12790:2009

2024-06 (po) (en;fr;de) 77 str. (L)

Izdelki za otroke - Sklopne zibelke - 1. del: Sklopne zibelke za otroke, ki še ne poskušajo sedeti

Child care articles - Reclined cradles - Part 1: Reclined cradles for children up to when they try to sit up

Osnova: EN 12790-1:2023

ICS: 97.190

This document specifies safety requirements and the corresponding test methods for fixed or folding reclined cradles intended for children up to when they start to try to sit up.

This document applies also to car seats complying with UN ECE R44 or UN ECE R129 that can be used as reclined cradles according to manufacturer's instructions. If usage as reclined cradle is not included in the product information or marketing material, car seats are excluded from the scope of this document.

If a reclined cradle has several functions or can be converted into another function the relevant European standards apply to it.

SIST EN 12790-2:2024

SIST EN 12790:2009

2024-06 (po) (en;fr;de) 15 str. (D)

Izdelki za otroke - Sklopne zibelke - 2. del: Sklopne zibelke za otroke, preden se začnejo dvigovati

Child care articles - Reclined cradles - Part 2: Reclined cradles for children up to when they start to stand up

Osnova: EN 12790-2:2023

ICS: 97.190

This standard specifies safety requirements and the corresponding test methods for fixed or folding reclined cradles intended for children up to when they start to stand up and walk and sit by themselves. This standard applies also to car seats complying with ECE R44 or ECE R129 that can be used as reclined cradles according to manufacturer's instructions.

This standard does not apply to reclined cradles when used as swings.

If a reclined cradle has several functions or can be converted into another function the relevant European standards apply to it (see Annex B).

This European Standard applies in conjunction with and in addition to the European standard prEN 12790-1:201X and it cannot be used separately.

SIST EN 14350:2020+A1:2024

SIST EN 14350:2020

2024-06 (po) (en;fr;de) 84 str. (M)

Izdelki za otroke - Pripomočki za pitje - Varnostne zahteve in preskusne metode (vključuje dopolnilo A1)

Child care articles - Drinking equipment - Safety requirements and test methods

Osnova: EN 14350:2020+A1:2023

ICS: 97.190

This document specifies safety requirements relating to the materials, construction, performance, packaging and product information for drinking equipment intended for children of 0 to 48 months (see B.2) of age:

- Re-usable containers and re-usable drinking accessories;
- Single-use containers and drinking accessories sold with these containers;
- Single-use feeding teats;
- Ready to use feeding teats.

This document does not include requirements for the cleanliness of ready to use and single use products.

This document does not apply to products designed for specialist clinical medical applications, e.g. those relating to cleft lip palates.

This document does not apply to drinking equipment made from ceramics.

This document does not apply to bags intended for storage only.

This document does not apply to drinking equipment which is supplied with fluids or food when purchased and to feeding accessories fixed to it.

This document is not applicable to soothers. Safety requirements and test methods for soothers are specified in EN 1400 [6].

This document is not applicable for cutlery and other feeding utensils. Safety requirements and test methods for Cutlery and other feeding equipment are specified in EN 14372 [7].

For drinking equipment excluded from the scope, consider the applicable requirements of this document whenever possible.

SIST EN 1466:2024

SIST EN 1466:2015

SIST EN 1466:2015/AC:2015

2024-06 (po) (en;fr;de) 54 str. (J)

Izdelki za otroke - Prenosne posteljice in podstavki - Varnostne zahteve in preskusne metode

Child use and care articles - Carry cots and stands - Safety requirements and test methods

Osnova: EN 1466:2023

ICS: 97.190

This European Standard document specifies safety requirements and test methods for products which are intended for the purpose of carrying a child in a lying position by means of handle(s) and for stands which may be used in conjunction with these products (see C.2).

These products are intended for a child who cannot sit unaided, roll over or push up on its hands and knees, with a maximum weight of 9 kg. Hereafter, in this European Standard these products are called "carry cots" and include all types of carry cot with rigid or soft sides as well as moses baskets and any similar products.

This European Standard has not considered the requirements of children with special needs.

SIST/TC OVP Osebna varovalna oprema

SIST EN 13819-3:2020+A1:2024

SIST EN 13819-3:2020
SIST EN 13819-3:2020/FprA1:2023

2024-06 (po) (en;fr;de) 41 str. (I)

Varovala sluha - Preskušanje - 3. del: Dodatna akustična preskusna metoda (vključuje dopolnilo A1)
Hearing protectors - Testing - Part 3: Supplementary acoustic test methods

Osnova: EN 13819-3:2019+A1:2024

ICS: 13.340.20

This document specifies supplementary acoustic test methods for hearing protectors with additional electronic functions. The purpose of these tests is to enable assessment of the hearing protector performance as specified in the appropriate product standards.

SIST EN 352-10:2021+A1:2024

SIST EN 352-10:2021
SIST EN 352-10:2021/kprA1:2024

2024-06 (po) (en;fr;de) 9 str. (C)

Varovala sluha - Varnostne zahteve - 10. del: Ušesni čepi z avdio vhodom za namen razvedrila (vključuje dopolnilo A1)

Hearing protectors - Safety requirements - Part 10: Entertainment audio earplugs

Osnova: EN 352-10:2020+A1:2024

ICS: 13.340.20

This document is applicable to entertainment audio earplugs. It specifies requirements on construction, design, performance, marking and user information relating to the inclusion of the entertainment audio facility.

Entertainment audio earplugs use a wired or wireless system through which audio entertainment can be relayed. They may incorporate a radio receiver set or music player for entertainment or allow audio input from external devices.

They also offer the possibility to communicate warning signals or messages. The product standards impose a limitation on the reproduced sound pressure level at the ear.

The entertainment audio signal can be transmitted by radio (broadcast or local plant programmes) or by wire or other communication like Bluetooth.

SIST EN 352-6:2021+A1:2024

SIST EN 352-6:2021
SIST EN 352-6:2021/kprA1:2024

2024-06 (po) (en;fr;de) 9 str. (C)

Varovala sluha - Varnostne zahteve - 6. del: Naušniki z varnostnim avdio vhodom

Hearing protectors - Safety requirements - Part 6: Earmuffs with safety-related audio input

Osnova: EN 352-6:2020+A1:2024

ICS: 13.340.20

This document is applicable to earmuffs supplemented by a safety-related audio input. The audio signal can be transmitted by electrical input or other communication like Bluetooth. It specifies requirements on construction, design, performance, marking and user information related to the inclusion of the safety-related audio input.

Earmuffs with safety-related audio input are designed to provide speech information and warning signals, while providing attenuation of external sound. They may be selected for use in a number of different environments, for example in air traffic communication, in the police forces, in the broadcasting and entertainment industries.

SIST EN 352-8:2021+A1:2024

SIST EN 352-8:2021
SIST EN 352-8:2021/kprA1:2024

2024-06 (po) (en;fr;de) 9 str. (C)

Varovala sluha - Varnostne zahteve - 8. del: Naušniki z avdio vhodom za namen razvedrila (vključuje dopolnilo A1)

Hearing protectors - Safety requirements - Part 8: Entertainment audio earmuffs

Osnova: EN 352-8:2020+A1:2024

ICS: 13.340.20

This document is applicable to entertainment audio earmuffs. It specifies requirements on construction, design, performance, marking and user information relating to the inclusion of the entertainment audio facility.

Entertainment audio earmuffs use a wired or wireless system through which audio entertainment can be relayed. They may incorporate a radio receiver set or music player for entertainment or allow audio input from external devices.

They also offer the possibility to communicate warning signals or messages. The product standards impose a limitation on the reproduced sound pressure level at the ear.

The entertainment audio signal can be transmitted by radio (broadcast or local plant programmes) or by wire or other communication like Bluetooth.

SIST EN 352-9:2021+A1:2024

SIST EN 352-9:2021
SIST EN 352-9:2021/kprA1:2024

2024-06 (po) (en;fr;de) 9 str. (C)

Varovala sluha - Varnostne zahteve - 9. del: Ušesni čepi z varnostnim avdio vhodom (vključuje dopolnilo A1)

Hearing protectors - Safety requirements - Part 9: Earplugs with safety-related audio input

Osnova: EN 352-9:2020+A1:2024

ICS: 13.340.20

This document is applicable to earplugs supplemented by a safety-related audio input. The audio signal can be transmitted by electrical input or other communication like Bluetooth . It specifies requirements on construction, design, performance, marking and user information related to the inclusion of the safety-related audio input.

Earplugs with safety-related audio input are designed to provide speech information and warning signals, while providing attenuation of external sound. They may be selected for use in a number of different environments, for example in air traffic communication, in the police forces, in the broadcasting and entertainment industries.

SIST/TC PCV Polimerne cevi, fitingi in ventili

SIST-TS CEN/TS 17152-3:2023/AC:2024

2024-06 (po) (en;fr;de) 3 str. (AC)

Cevni sistemi iz polimernih materialov za breztladni prenos in shranjevanje nepitne vode - Zaboji za sisteme infiltriranja, reduciranja in hrambe - 3. del: Ugotavljanje skladnosti

Plastics piping systems for non-pressure underground conveyance and storage of non-potable water - Boxes used for infiltration, attenuation and storage systems - Part 3: Assessment of conformity

Osnova: CEN/TS 17152-3:2022/AC:2024

ICS: 23.040.03

Popravek k standardu SIST-TS CEN/TS 17152-3:2023.

This document gives guidance for requirements for the AoC of materials, compounds, formulations, products, and assemblies in accordance with the applicable part(s) of EN 17152 intended to be included in the manufacturer's quality plan as part of the quality management system and for the establishment of certification procedures.

NOTE Annex B contains a summary of tests for TT and surveillance monitoring.

In conjunction with EN 17152-1 (see Foreword) this document is applicable to Boxes used for infiltration, attenuation and storage systems.

SIST/TC POH Pohoštvo

SIST EN 747-1:2024

SIST EN 747-1:2012+A1:2015

2024-06 (po) (en;fr;de) 20 str. (E)

Pohoštvo - Pogradi in visoke postelje - 1. del: Zahteve za varnost, trdnost in trajnost

Furniture - Bunk beds and high beds - Part 1: Safety, strength and durability requirements

Osnova: EN 747-1:2024

ICS: 97.140

This document specifies requirements for the safety, strength and durability of bunk beds and high beds for domestic and non-domestic use.

It applies to bunk beds and high beds with an internal length greater than 1 400 mm and a maximum bed base width of 1 200 mm, and with the upper surface of a bed base of 600 mm or more above the floor. Safety requirements for other products included in a bunk bed/high bed, for example a table or storage furniture, are not included in this document.

This document does not apply to bunk beds and high beds used for special purposes, including but not limited to prisons, the military and fire brigades.

The document contains one annex:

- Annex A (informative) - Rationales.

SIST EN 747-2:2024

SIST EN 747-2:2012+A1:2015

2024-06 (po) (en;fr;de) 22 str. (F)

Pohoštvo - Pogradi in visoke postelje - 2. del: Preskusne metode

Furniture - Bunk beds and high beds - Part 2: Test methods

Osnova: EN 747-2:2024

ICS: 97.140

This document specifies test methods for the safety, strength and durability of bunk beds and high beds for domestic and non-domestic use. The tests apply to beds with an internal length greater than 1 400 mm and a maximum bed base width of 1 200 mm and with the upper surface of a bed base 600 mm or more above the floor.

The tests are designed to be applied to a bed that is fully assembled and ready for use.

The applicable safety requirements are given in prEN 747-1:2022.

SIST/TC POZ Požarna varnost

SIST EN 14972-4:2024

2024-06 (po) (en;fr;de) 18 str. (E)

Vgrajeni gasilni sistemi - Sistemi s pršečo vodo - 4. del: Protokol preskušanja za neskladiščne prostore za sistem z avtomatskimi šobami

Fixed firefighting systems - Water mist systems - Part 4: Test protocol for non-storage occupancies for automatic nozzle systems

Osnova: EN 14972-4:2024

ICS: 13.220.10

This document specifies the evaluation of the fire performance of water mist systems for lightly loaded non-storage and non-manufacturing occupancies with ordinary combustibles, such as offices, schools, hospitals and hotels.

This document is applicable to ceiling mounted and sidewall automatic nozzles to be used in restricted and/or unlimited areas.

This document is applicable for horizontal, solid, flat ceilings with heights of 2 m and above, up to the maximum tested ceiling height.

SIST/TC PSE Procesni sistemi v energetiki

SIST EN IEC 61970-457:2024

2024-06 (po) (en) 780 str. (2G)

Aplikacijski programski vmesnik za sistem upravljanja z energijo (EMS-API) - 457. del: Dinamični profil (IEC 61970-457:2024)

Energy management system application program interface (EMS-API) - Part 457: Dynamics profile (IEC 61970-457:2024)

Osnova: EN IEC 61970-457:2024

ICS: 29.240.30, 35.200

IEC 61970-457:2024 specifies a standard interface for exchanging dynamic model information needed to support the analysis of the steady state stability (small-signal stability) and/or transient stability of a power system or parts of it. The schema(s) for expressing the dynamic model information are derived directly from the CIM, more specifically from IEC 61970-302.

The scope of this document includes only the dynamic model information that needs to be exchanged as part of a dynamic study, namely the type, description and parameters of each control equipment associated with a piece of power system equipment included in the steady state solution of a complete power system network model. Therefore, this profile is dependent upon other standard profiles for the equipment as specified in IEC 61970-452: CIM static transmission network model profiles, the topology, the steady state hypothesis and the steady state solution (as specified in IEC 61970-456: Solved power system state profiles) of the power system, which bounds the scope of the exchange. The profile information described by this document needs to be exchanged in conjunction with IEC 61970-452 and IEC 61970-456 profiles' information to support the data requirements of transient analysis tools. IEC 61970-456 provides a detailed description of how different profile standards can be combined to form various types of power system network model exchanges.

This document supports the exchange of the following types of dynamic models:

- standard models: a simplified approach to exchange, where models are contained in predefined libraries of classes interconnected in a standard manner that represent dynamic behaviour of elements of the power system. The exchange only indicates the name of the model along with the attributes needed to describe its behaviour.
- proprietary user-defined models: an exchange that would provide users the ability to exchange the parameters of a model representing a vendor or user proprietary device where an explicit description of the model is not described in this document. The connections between the proprietary models and standard models are the same as described for the standard models exchange. Recipient of the data exchange will need to contact the sender for the behavioural details of the model.

This document builds on IEC 61970-302, CIM for dynamics which defines the descriptions of the standard dynamic models, their function block diagrams, and how they are interconnected and associated with the static network model. This type of model information is assumed to be pre-stored by all software applications hence it is not necessary to be exchanged in real-time or as part of a dynamics model exchange.

SIST/TC SPN Storitve in protokoli v omrežjih

SIST ES 203 682 V1.2.1:2024

2024-06 (po) (en) **113 str. (N)**

Okoljski inženiring (EE) - Zelena abstraktna plast (GAL) - Zmožnosti upravljanja energije v prihodnjih energijskih vozliščih fiksnega telekomunikacijskega omrežja - Izboljšan vmesnik za upravljanje omrežne energije v okoljih z virtualizacijo omrežnih funkcij (NFV)

Environmental Engineering (EE) - Green Abstraction Layer (GAL); Power management capabilities of the future energy telecommunication fixed network nodes - Enhanced Interface for power management in Network Function Virtualisation (NFV) environments

Osnova: ETSI ES 203 682 V1.2.1 (2024-03)

ICS: 33.040.01, 19.040

The present document specifies an evolved version of the Green Abstraction Layer capable of operating within ETSI NFV environments.

SIST/TC STZ Zaščita pred delovanjem strele

SIST EN IEC 62561-7:2024

2024-06 (po) (en) **22 str. (F)**

Elementi za zaščito pred strelo (LPSC) - 7. del: Zahteve za spojine, ki izboljšajo ozemljitev (IEC 62561-7:2024)

Lightning protection system components (LPSC) - Part 7: Requirements for earthing enhancing compounds (IEC 62561-7:2024)

Osnova: EN IEC 62561-7:2024

ICS: 91.120.40

This part of IEC 62561 specifies the requirements and tests for earthing enhancing compounds producing low resistance of an earth termination system.

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

SIST EN ISO 4172:2024

SIST EN ISO 4172:1998

2024-06 (po) (en;fr;de) **25 str. (F)**

Tehnična dokumentacija izdelkov - Gradbena dokumentacija - Sestavne risbe montažnih konstrukcij (ISO 4172:2024)

Technical product documentation (TPD) - Construction documentation - Drawings for the assembly of prefabricated structures (ISO 4172:2024)

Osnova: EN ISO 4172:2024

ICS: 01.110, 01.100.30

This second edition cancels and replaces the first edition (ISO 4172 :1981), clause 2 and subclause 4.3 of which have been technically revised. Specifies general rules for the preparation of working drawings intended for the field assembly of prefabricated structures for building and civil engineering works. Gives normative references, definitions, documentation, designation of prefabricated structural components.

SIST EN ISO 7519:2024

SIST EN ISO 7519:1998

2024-06 (po) (en;fr;de) **35 str. (H)**

Tehnična dokumentacija izdelkov - Gradbena dokumentacija - Splošna načela prikazovanja na situacijskih in sestavnih risbah (ISO 7519:2024)

Technical product documentation (TPD) - Construction documentation - General principles of presentation for general arrangement and assembly drawings (ISO 7519:2024)

Osnova: EN ISO 7519:2024

ICS: 01.110, 01.100.30

Establishes general requirements, thicknesses of lines, and the simplified representation of doors and windows. Describes the conventional representation, and gives arrow symbols. Annex A is for information only.

SIST/TC VAR Varjenje

SIST EN ISO 14373:2024

SIST EN ISO 14373:2015

2024-06 (po) (en;fr;de) **22 str. (F)**

Uporovno varjenje - Postopek točkovnega varjenja neprevlečenih in prevlečenih maloogljčnih jekel (ISO 14373:2024)

Resistance welding - Procedure for spot welding of uncoated and coated low carbon steels (ISO 14373:2024)

Osnova: EN ISO 14373:2024

ICS: 25.160.10

This document specifies requirements for resistance spot welding in the fabrication of assemblies of uncoated, and metallic coated or weldable non-metallic coated low carbon steel, comprising two or three sheets of metal, where the maximum single sheet thickness of components to be welded is within the range 0,4 mm to 3 mm.

This document is applicable to welding of sheets of the same or dissimilar thickness, where the thickness ratio is less than or equal to 3:1. It applies to the welding of three thicknesses, where the total thickness is less than or equal to 9 mm. Welding with the following types of equipment is within the scope of this document:

- a) pedestal welding equipment;
- b) welding guns;
- c) automatic welding equipment where the components are fed by robots or automatic feeding equipment;
- d) multi welders;
- e) robotic welders.

Information on appropriate welding equipment is given in Annex A, and information on spot welding conditions is given in Annex B. This information is provided for guidance only. Depending on the service conditions of the fabrication, the type of welding equipment, the characteristics of the secondary circuit, the electrode material, and the shape, it is possible that certain modifications are necessary. In such cases, further information can be obtained from the relevant application standard, where one exists.

SIST EN ISO 15610:2024

SIST EN ISO 15610:2023

2024-06 (po) (en;fr;de) **14 str. (D)**

Popis in kvalifikacija varilnih postopkov za kovinske materiale - Kvalifikacija na podlagi preskušenihi dodajnih in pomožnih materialov (ISO 15610:2024)

Specification and qualification of welding procedures for metallic materials - Qualification based on tested welding consumables (ISO 15610:2024)

Osnova: EN ISO 15610:2024

ICS: 25.160.10

This document specifies how a welding procedure can be qualified by using tested welding consumable data. It expands on the requirements given in ISO 15607.

In addition, it gives the range of qualification.

Application of this document is limited to parent material groups 1.1, 8.1, 21, 22.1 and 22.2 in accordance with ISO/TR 15608, which produce acceptable microstructures and properties in the heat-affected zone which do not deteriorate significantly in service.

This document is limited to:

- parent material thicknesses $t \leq 40$ mm (groups 1.1 and 8.1) and $t \leq 20$ mm (groups 21, 22.1 and 22.2);
- fillet welds with throat thickness $a \geq 1$ mm.

This document is not applicable when any of the following is specified for the welded joint:

- a) hardness;
- b) impact properties;
- c) preheating;
- d) controlled heat input;
- e) interpass temperature;
- f) post-weld heat treatment.

The use of this document can also be restricted by an application standard, specification or other documents.

SIST EN ISO 52909:2024

SIST EN ISO/ASTM 52909:2023

2024-06 (po) (en;fr;de) 21 str. (F)

Aditivna proizvodnja kovinskih izdelkov - Lastnosti končnih delov - Odvisnost mehanskih lastnosti kovinskih delov od načina izdelave glede na orientacijo in lokacijo (ISO/ASTM 52909:2024)
Additive manufacturing of metals - Finished part properties - Orientation and location dependence of mechanical properties for metal parts (ISO/ASTM 52909:2024)

Osnova: EN ISO/ASTM 52909:2024

ICS: 25.030

This document covers supplementary guidelines for evaluation of mechanical properties including static/quasi-static and dynamic testing of metals made by additive manufacturing (AM) to provide guidance toward reporting when results from testing of as-built specimen or those excised from printed parts made by this technique or both.

This document is provided to leverage already existing standards. Guidelines are provided for mechanical properties measurements and reporting for additively manufactured metallic specimen as well as those excised from parts.

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, health and environmental practices and determine the applicability of regulatory limitations prior to use.

This document expands upon the nomenclature of ISO/ASTM 52900 and principles of ISO/ASTM 52921 and extends them specifically to metal additive manufacturing. The application of this document is primarily intended to provide guidance on orientation designations in cases where meaningful orientation/direction for AM cannot be obtained from available test methods.

SIST EN ISO 9692-2:2024

SIST EN ISO 9692-2:1999

SIST EN ISO 9692-2:1999/AC:1999

2024-06 (po) (en;fr;de) 18 str. (E)

Varjenje in sorodni postopki - Priprava zvarnih stikov - 2. del: Varjenje jekel pod praškom (ISO 9692-2:2024)

Welding and allied processes - Joint preparation - Part 2: Submerged arc welding of steels (ISO 9692-2:2024)

Osnova: EN ISO 9692-2:2024

ICS: 77.080.20, 25.160.40, 25.160.10

This part of ISO 9692 applies to types of joint preparation for submerged arc welding with one wire electrode (process 121 according to ISO 4063) on steel.

This part of ISO 9692 covers only the welding positions PA and PB according to ISO 6947. In case PC is used, special preparation will be necessary.

It applies to fully penetrated welds. For partly penetrated welds, types of joint preparation, shapes and dimensions may differ from the listed proposals if they are specified in the relevant application standard or agreed by parties concerned.

If the root is welded by a different arc welding process (see ISO 40631, the joint preparation according to ISO 9692 should be taken into account.

SIST/TC VAZ Varovanje zdravja

SIST EN 17854:2024

2024-06 (po) (en;fr;de) **47 str. (I)**

Protimikrobni sanitetni material - Zahteve in preskusne metode

Antimicrobial wound dressings - Requirements and test method

Osnova: EN 17854:2024

ICS: 11.120.20

This document specifies minimum requirements and a test method for the antimicrobial (microbicidal or microbistatic) activity of wound dressing products. It applies to all wound dressing products that specifically claim antimicrobial activity according to this document.

SIST EN ISO 10394:2024

2024-06 (po) (en;fr;de) **12 str. (C)**

Zobozdravstvo - Sistem označb za nadštevilne zobe (ISO 10394:2023)

Dentistry - Designation system for supernumerary teeth (ISO 10394:2023)

Osnova: EN ISO 10394:2024

ICS: 11.060.01

This document establishes a system for the designation of supernumerary teeth in humans using two alphanumeric characters.

SIST EN ISO 15002:2024

SIST EN ISO 15002:2008/A1:2020

2024-06 (po) (en;fr;de) **31 str. (G)**

Naprave za uravnavanje pretoka v priključitvi na sistem oskrbe z medicinskimi plini (ISO 15002:2023)

Flow control devices for connection to a medical gas supply system (ISO 15002:2023)

Osnova: EN ISO 15002:2024

ICS: 11.040.10

This document specifies requirements for flow control devices that can be connected by the user either directly, by means of a probe or a gas-specific connector, or indirectly by means of a low-pressure hose assembly conforming with ISO 5359 to:

- a) a terminal unit conforming with ISO 9170-1 of a medical gas pipeline system conforming with ISO 7396-1:2016;
- b) the pressure outlet of a regulator conforming with ISO 10524-1:2018; or
- c) to the pressure outlet of a valve integrated pressure regulator (VIPR) conforming with ISO 10524-3 (see 5.2 gas inlets).

This document applies to the following types of flow control devices (FCDs):

- a) flowmeters;
- b) flowgauge FCDs; and
- c) fixed orifice FCDs.

NOTE Flow control devices that are classed as medical electrical equipment can be subject to additional requirements of IEC 60601-1.

This document applies to flow control devices for the following gases:

- oxygen;
- oxygen 93 %;
- nitrous oxide;
- medical air;
- carbon dioxide;
- oxygen/nitrous oxide mixture 50/50 (% volume fraction);
- oxygen-enriched air;
- helium;

- xenon; and
- specified mixtures of the gases listed above.

NOTE Flow control devices can be available for other gases.

This document does not apply to flow control devices that are:

- a) for use with gases for driving surgical tools;
- b) an integral part of a regulator (see ISO 10524-1:2018); or
- c) an integral part of a valve with integrated pressure regulator (VIPR) (see ISO 10524-3).

SIST EN ISO 16021:2024

2024-06 (po) (en;fr;de) **19 str. (E)**

Absorpcijski izdelki za inkontinenco urina in/ali blata - Osnovna načela vrednotenja izdelkov za odrasle za enkratno uporabo z vidika uporabnikov in negovalcev (ISO 16021:2024)

Absorbent incontinence products for urine and/or faeces - Basic principles for evaluation of single-use adult products from the perspective of users and caregivers (ISO 16021:2024)

Osnova: EN ISO 16021:2024

ICS: 11.180.20

This document provides guidelines and requirements for designing and conducting an evaluation of single-use adult incontinence absorbing products. It provides guidelines and requirements on creating data collection tools. In particular, it provides a framework for eliciting and recording the views of users and their carers on the acceptability of products. In addition, a product diary is described which can help to quantify some parameters of product use, such as wear times, the mass of urine absorbed by the product and the severity of any leakage from it.

This document does not cover direct comparison between products based on statistical parameters, neither does it provide guidelines on measuring the clinical efficacy of products; that is available in ISO 14155.

SIST EN ISO 16571:2024

2024-06 (po) (en;fr;de) **45 str. (I)**

Sistemi za odsesavanje hlapov, ki nastanejo zaradi uporabe medicinskih pripomočkov (ISO 16571:2024)

Systems for evacuation of plume generated by medical devices (ISO 16571:2024)

Osnova: EN ISO 16571:2024

ICS: 11.040.10

Full revision of currently published 2014 version. Additionally, expand scope to include plume evacuation systems for endoscopic procedures (e.g. minimally invasive, laparoscopic).

The scope is now the following:

This Standard specifies requirements and guidelines for the design, manufacture, installation, function, performance, maintenance, servicing, documentation, testing, and commissioning of equipment for evacuation of plume generated by medical devices. It is applicable to:

- a) portable and mobile plume evacuation systems,
- b) local stationary plume evacuation systems,
- c) dedicated central pipeline systems for plume evacuation systems, and
- d) plume evacuation systems integrated into other equipment (e.g. laser equipment).

SIST EN ISO 5365:2024

2024-06 (po) (en;fr;de) **17 str. (E)**

Zobozdravstvo - Sistem označevanja razvojne faze zob (ISO 5365:2024)

Dentistry - Designation system for tooth development stages (ISO 5365:2024)

Osnova: EN ISO 5365:2024

ICS: 11.060.01

This document provides a system for designating tooth development stages in humans using two ASCII characters.

SIST EN ISO 5832-1:2024

2024-06 (po) (en;fr;de) **14 str. (D)**

Vsadki (implantati) za kirurgijo - Kovinski materiali - 1. del: Nerjavno jeklo (ISO 5832-1:2024)

Implants for surgery - Metallic materials - Part 1: Wrought stainless steel (ISO 5832-1:2024)

Osnova: EN ISO 5832-1:2024

ICS: 11.040.40

ISO 5832-1:2016 specifies the characteristics of, and corresponding test methods for, wrought stainless steel for use in the manufacture of surgical implants.

NOTE 1 The mechanical properties of a sample obtained from a finished product made of this alloy can differ from those specified in this part of ISO 5832.

NOTE 2 The alloy described in this part of ISO 5832 corresponds to UNS S31673 referred to in ASTM F138/ASTM F139 and to alloy code 1.4441 given in the withdrawn DIN 17443.

SIST EN ISO 5832-7:2024

2024-06 (po) (en;fr;de) **11 str. (C)**

Vsadki (implantati) za kirurgijo - Kovinski materiali - 7. del: Kovne in hladno oblikovane kobalt-krom-nikelj-molibden-železove zlitine (ISO 5832-7:2024)

Implants for surgery - Metallic materials - Part 7: Forgeable and cold-formed cobalt-chromium-nickel-molybdenum-iron alloy (ISO 5832-7:2024)

Osnova: EN ISO 5832-7:2024

ICS: 11.040.40

ISO 5832-7:2016 specifies the characteristics of, and corresponding test methods for, forgeable and cold-formed cobalt-chromium-nickel-molybdenum-iron alloy for use in the manufacture of surgical implants.

SIST EN ISO 81060-2:2020/A2:2024

2024-06 (po) (en;fr;de) **11 str. (C)**

Neinvazivni sfigmomanometri - 2. del: Klinične raziskave avtomatiziranih vrst merjenja s prekinitvami - Dopolnilo A2 (ISO 81060-2:2018/Amd 2:2024)

Non-invasive sphygmomanometers - Part 2: Clinical investigation of intermittent automated measurement type - Amendment 2 (ISO 81060-2:2018/Amd 2:2024)

Osnova: EN ISO 81060-2:2019/A2:2024

ICS: 11.040.55

Amandma A2:2024 je dodatek k standardu SIST EN ISO 81060-2:2020.

This Standard specifies the requirements and methods for the clinical investigation of the equipment used for the intermittent non-invasive automated estimation of the arterial blood pressure by utilizing a cuff. This document is applicable to all sphygmomanometers that sense or display pulsations, flow or sounds for the estimation, display or recording of blood pressure. These sphygmomanometers need not have automatic cuff inflation. This document covers sphygmomanometers intended for use in all patient populations (e.g. all age and weight ranges), and all conditions of use (e.g. ambulatory blood pressure monitoring, stress testing blood pressure monitoring and blood pressure monitors for the home healthcare environment for self-measurement as well as use in a professional healthcare facility). This document specifies additional disclosure requirements for the accompanying documents of sphygmomanometers that have passed a clinical investigation according to this document. This document is not applicable to clinical investigations of non-automated sphygmomanometers as given in ISO 81060-1 or invasive blood pressure monitoring equipment as given in IEC 60601-2-34.

SIST EN ISO 8362-2:2024

2024-06 (po) (en;fr;de) **14 str. (D)**

Vsebniki za parenteralne farmacevtske oblike in dodatna oprema - 2. del: Zapirala za vialo (ISO 8362-2:2024)

Injection containers and accessories - Part 2: Closures for injection vials (ISO 8362-2:2024)

Osnova: EN ISO 8362-2:2024

ICS: 11.040.20

ISO 8362-2:2015 specifies the shape, dimensions, material, performance requirements and labelling of closures for injection vials covered by ISO 8362-1 and ISO 8362-4.
The dimensional requirements are not applicable to barrier-coated closures.
Closures specified in ISO 8362-2:2015 are intended for single use only.

SIST EN ISO 8637-2:2024

2024-06 (po) (en;fr;de) **36 str. (H)**

Zunajtelesni pretočni sistemi za čiščenje krvi - 2. del: Zunajtelesni krvni in tekočinski obtok za hemodializatorje, hemodiafiltre, hemofiltre in hemokoncentratorje (ISO 8637-2:2024)
Extracorporeal systems for blood purification - Part 2: Extracorporeal blood and fluid circuits for haemodialysers, haemodiafilters, haemofilters and haemoconcentrators (ISO 8637-2:2024)

Osnova: EN ISO 8637-2:2024

ICS: 11.040.20

This document specifies requirements for disposable extracorporeal blood and fluid circuits and accessories used in combination with haemodialysis equipment intended for extracorporeal blood treatment therapies such as, but not limited to, haemodialysis, haemodiafiltration, haemofiltration.

This document does not apply to:

- haemodialysers, haemodiafilters or haemofilters;
- plasmafilters;
- haemoperfusion devices;
- vascular access devices.

NOTE 1 Requirements for haemodialysers, haemodiafilters, haemofilters and haemoconcentrators are specified in ISO 8637-1.

NOTE 2 Requirements for plasmafilters are specified in ISO 8637-3.

SIST ISO 22441:2024

2024-06 (po) (en;fr;de) **87 str. (M)**

Sterilizacija izdelkov za zdravstveno oskrbo - Sterilizatorji s paro z nizko temperaturo in z vodikovim peroksidom - Zahteve za razvoj, validacijo in rutinsko kontrolo sterilizacijskih postopkov za medicinske pripomočke (ISO 22441:2022)

Sterilization of health care products - Low temperature vaporized hydrogen peroxide -- Requirements for the development, validation and routine control of a sterilization process for medical devices (ISO 22441:2022)

Osnova: ISO 22441:2022

ICS: 11.080.01

1.1.1 This document provides requirements for the development, validation and routine monitoring and control of a low temperature sterilization process for medical devices using vaporized hydrogen peroxide (VH₂O₂) as the sterilizing agent.

1.1.2 This document is intended to be applied by process developers, manufacturers of sterilization equipment, manufacturers of medical devices to be sterilized, organizations performing process validation of VH₂O₂ sterilization, and organizations responsible for sterilizing medical devices.

NOTE VH₂O₂ sterilizers can be used in both health care and industrial facilities, and this document acknowledges the similarities and differences between the two applications.

1.2 Exclusions

1.2.1 Processes that use other sterilizing agents, or hydrogen peroxide solution in combination with other chemicals as the sterilizing agent are not addressed in this document.

NOTE See ISO 14937 for guidance on validation of such processes.

1.2.2 This document does not specify requirements for development, validation and routine control of a process for inactivating the causative agents of spongiform encephalopathies, e.g. scrapie, bovine spongiform encephalopathy and Creutzfeldt-Jakob disease. Specific recommendations have been produced in particular countries for the processing of materials potentially contaminated with these agents.

NOTE Some VH₂O₂ sterilizers have processes that demonstrate some level of inactivation of the causative agents of spongiform encephalopathies, e.g. scrapie, bovine spongiform encephalopathy and Creutzfeldt-Jakob Disease. However, this inactivation is process, cycle, and test protocol specific,

therefore this inactivation is outside the scope of this document, and no specific test methods are provided (see [14], [26], and [30] for more information).

1.2.3 This document does not specify requirements for designating a medical device as sterile.

NOTE See for example EN 556-1 or ANSI/AAMI ST67.

1.2.4 This document does not specify requirements for occupational safety associated with the design and operation of VH2O2 sterilization equipment.

NOTE For further information on safety, see examples in the Bibliography. National or regional regulations can also exist.

1.2.5 This document does not apply to the contents of contained product, i.e. product for which the environment within the sterilizer chamber during any stage of the sterilization process does not come into direct contact with the product, such as a solution in a sealed bottle.

1.2.6 This document does not cover hydrogen peroxide decontamination systems for use in rooms, enclosures or environmental spaces.

NOTE These decontamination systems operate at ambient conditions (e.g. temperature and pressure) and in general utilise an approach that is different to that of VH2O2 sterilization processes addressed in this document.

SS SPL Strokovni svet SIST za splošno področje

SIST EN 17980:2024

2024-06 (po) (en;fr;de) 23 str. (F)

Alge in izdelki iz alg - Vzorčenje - Smernice za opredelitev programov in protokolov vzorčenja

Algae and algae products - Sampling - Guidelines for the definition of sampling programs and sampling protocols

Osnova: EN 17980:2024

ICS: 13.020.55

This document specifies a set of principles and rules that algae producers, algae products industries, laboratories or other entities that collect algae and algae products samples can follow for the definition of their own sampling programs and sampling protocols.

In the context of this document, algae are a functional group that include microalgae, macroalgae, cyanobacteria and Labyrinthulomycetes.

As algae and their production processes are so diverse, this document does not define a specific sampling program and/or a specific sampling protocol. Instead, this document specifies the aspects that can be considered when defining one's own sampling program and protocol.

This document describes when, where and how to draw a representative sample. For guidance on sample preparation of dry and wet samples of micro- and macroalgae, and algae products, please refer to EN 17605.

This document is intended to be used for the collection of samples for lot characterization for commercial or legal/regulatory purposes. However, this document can also be used for any type of sampling of algae, including samples for quality control during production.

SIST EN 549:2019+A2:2024

SIST EN 549:2019+A1:2023

2024-06 (po) (en;fr;de) 32 str. (G)

Gumeni materiali za tesnila in membrane v plinskih aparatih in plinskih napravah (vključno z dopolnilom A2)

Rubber materials for seals and diaphragms for gas appliances and gas equipment

Osnova: EN 549:2019+A2:2024

ICS: 91.140.40, 83.140.50

This document specifies requirements and associated test methods for rubber materials used in gas installations, gas equipment and gas appliances in contact with 1st, 2nd and 3rd family combustible gases as classified in EN 437:2018, additionally LPG, bio methane and bio LPG, in the same quality, are covered. It also establishes a classification based on temperature range and hardness. This document is applicable to materials from which homogeneous seals and homogeneous or reinforced diaphragms are manufactured.

Since the dimensions and shape of the components differ from those of standard test pieces taken from sheet material as used for type testing of the rubber materials according to this document, tolerances have been made in the requirements specified by Annex A for the components with respect to those specified for standard test pieces.

The range of operating temperatures covered by this document is $-40\text{ }^{\circ}\text{C}$ to $+150\text{ }^{\circ}\text{C}$.

For applications with potential condensation, this document is not applicable for silicon rubber, e.g. above 200 hPa (200 mbar) nominal pressure or at temperatures below $0\text{ }^{\circ}\text{C}$ with 3rd family gases.

SIST EN ISO 10240:2024

2024-06 (po) (en;fr;de) **27 str. (G)**

Mala plovila - Priročnik za uporabo (ISO 10240:2022)

Small craft - Owner's manual (ISO 10240:2022)

Osnova: EN ISO 10240:2024

ICS: 47.080

This document specifies requirements and information for inclusion in the owner's manual of small craft to enable the owner/operator to use the craft safely.

SIST EN ISO 13702:2024

2024-06 (po) (en;fr;de) **74 str. (L)**

Naftna in plinska industrija - Nadzor in zaježitev požarov in eksplozij na plavajočih proizvodnih objektih - Zahteve in smernice (ISO 13702:2024)

Oil and gas industries - Control and mitigation of fires and explosions on offshore production installations - Requirements and guidelines (ISO 13702:2024)

Osnova: EN ISO 13702:2024

ICS: 75.180.10, 13.220.01

This document specifies the objectives and functional requirements for the control and mitigation of fires and explosions on offshore installations used for the development of hydrocarbon resources in oil and gas industries. The object is to achieve:

safety of personnel;

protection of the environment;

protection of assets;

minimization of financial and consequential losses of fires and explosions.

This document is applicable to the following:

fixed offshore structures;

floating systems for production, storage, and offloading.

Mobile offshore units and subsea installations are excluded, although many of the principles contained in this document can be used as guidance.

SIST EN ISO 24807:2024

2024-06 (po) (en;fr;de) **34 str. (H)**

Storitve rekreativnega potapljanja - Zahteve za usposabljanje rekreativnih potapljačev -

Dekompresijsko potapljanje do 100 m (ISO 24807:2023)

Recreational diving services - Requirements for rebreather diver training - Decompression diving to 100 m (ISO 24807:2023)

Osnova: EN ISO 24807:2024

ICS: 03.080.99, 03.200.99

This document specifies requirements for rebreather diver training programmes which provide the competencies required to perform dives to 100 m with a rebreather requiring mandatory decompression stops using a breathing mixture containing helium. This document specifies evaluation criteria for these competencies.

This document specifies the requirements under which training is provided, in addition to the general requirements for recreational diving service provision in accordance with ISO 24803.

SIST-TP CEN/TR 18042:2024

2024-06 (po) (en;fr;de) **90 str. (M)**

Varnost zabaviščnih vozil in naprav za zabavo - Odgovori na zahteve za razlago standarda EN 13814:2019 in njegovih delov

Safety of amusement rides and amusement devices - Replies to requests for interpretation of EN 13814:2019 and its parts

Osnova: CEN/TR 18042:2024

ICS: 97.200.40

The purpose of this CEN Technical Report is to provide replies to requests for interpretations of all parts to EN 13814:2019.

SIST-TS CEN ISO/TS 23406:2024

2024-06 (po) (en;fr;de) **26 str. (F)**

Jedrski sektor - Zahteve za organe, ki izvajajo presojo in certificiranje sistemov vodenja kakovosti za organizacije, ki dobavljajo proizvode in storitve, pomembne za jedrsko varnost (ITNS) (ISO/TS 23406:2023)

Nuclear sector - Requirements for bodies providing audit and certification of quality management systems for organizations supplying products and services important to nuclear safety (ITNS) (ISO/TS 23406:2024)

Osnova: CEN ISO/TS 23406:2024

ICS: 27.120.01, 03.120.20

This document complements the existing requirements of ISO/IEC 17021-1 for bodies providing audit and certification of quality management systems against ISO 19443.

NOTE This document is recommended for use as a criteria document for accreditation, peer assessment or other audit processes.

SIST ISO 5665:2024

2024-06 (po) (en;fr) **38 str. (H)**

Preiskava potrošniških incidentov - Zahteve in smernice

Consumer incident investigation – Requirements and guidance

Osnova: ISO 5665:2024

ICS: 03.080.30

This document provides general requirements and recommendations on the principles, procedures, and methods for investigating incidents where there have been injuries, illnesses, damage to health, fatalities to consumers, damage to property or environmental damage related to the use of products, services or facilities by consumers.

NOTE 1 These incidents can occur anywhere.

This document is applicable to any person or any organization of any size, whether it is public, private or community-based.

NOTE 2 This document is not limited to incidents while products, services or facilities are in use, but also includes incidents that occur when products, services or facilities are not in use, such as during transportation or storage by consumers.

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

SIST EN IEC 60068-2-86:2024

2024-06 (po) (en) 42 str. (I)

Okoljsko preskušanje - 2-86. del: Preskusi - Preskus Fx: Vibracije - Metoda z večkratnim vzbujanjem in več osmi (IEC 60068-2-86:2024)

Environmental testing - Part 2-86: Tests - Test Fx: Vibration - Multi-exciter and multi-axis method (IEC 60068-2-86:2024)

Osnova: EN IEC 60068-2-86:2024

ICS: 19.040

IEC 60068-2-86:2024 provides a test procedure for use with multi-exciter and multi-axis vibration test systems. The vibration test is intended for general application to components, equipment, and other products, hereinafter referred to as "specimens", subjected to dynamic environments that could arise during an equipment life cycle. Although this document is mainly intended for vibration testing, the procedure is also applied to certain types of shock and transient tests.

SIST EN IEC 60676:2024

2024-06 (po) (en) 41 str. (I)

Oprema za industrijsko električno ogrevanje - Preskusne metode za peči z odkritim oblokom (IEC 60676:2024)

Industrial electroheating equipment - Test methods for direct arc furnaces (IEC 60676:2024)

Osnova: EN IEC 60676:2024

ICS: 25.180.10

IEC 60676:2024 This document specifies the basic test procedures, conditions and methods for establishing the main performance parameters and the main operational characteristics of furnaces for direct arc heating, forming arcs between the electrode and metal, such as electric arc furnaces using alternating current (EAF AC) or direct current (EAF DC), and ladle furnaces (LF), with rated power level above 500 kVA .

This fourth edition cancels and replaces the third 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) The structure has been redrafted according to IEC 60398:2015.
- b) The scope has been redrafted.
- c) The terms/definitions, normative references and bibliography have been updated and completed.
- d) The test methods and content from IEC 60398:2015 have been confirmed, replaced, or complemented with regards to direct arc furnaces (EAF, LF).
- e) The annexes from IEC 60398:2015 have been confirmed, replaced, or complemented with regards to direct arc furnaces (EAF, LF).

SIST EN IEC 62282-6-101:2024

2024-06 (po) (en) 58 str. (J)

Tehnologije gorivnih celic - 6-101. del: Elektroenergetski sistemi z mikro gorivnimi celicami - Varnost - Splošne zahteve (IEC 62282-6-101:2024)

Fuel cell technologies - Part 6-101: Micro fuel cell power systems - Safety - General requirements (IEC 62282-6-101:2024)

Osnova: EN IEC 62282-6-101:2024

ICS: 27.070

IEC 62282-6-101:2024 covers micro fuel cell power systems and fuel cartridges that are wearable or easily carried by hand, providing direct current outputs that do not exceed 60 V DC and power outputs that do not exceed 240 VA. Portable fuel cell power systems that provide output levels that exceed these electrical limits are covered by IEC 62282-5-100. This document covers micro fuel cell power systems and fuel cartridges. This document establishes the requirements for micro fuel cell power systems and fuel cartridges to ensure a reasonable degree of safety for normal use, reasonably

foreseeable misuse, and cargo and consumer transportation and storage of such items. . Fuel cartridges refilled by the manufacturer or by trained technicians are covered by this document. The fuel cartridges covered by this document are not intended to be refilled by the consumer.

This first edition, together with the other parts of the IEC 62282-6-1XX series, cancels and replaces IEC 62282-6-100:2010 and IEC 62282-6-100:2010/AMD1:2012. This edition includes the following significant technical changes with respect to IEC 62282-6-100:2010 and IEC 62282-6-100:2010/AMD1:2012:

a) A new structure has been set up: IEC 62282-6-101 covers the general safety requirements common to all fuel types whereas IEC 62282-6-102 and subsequent parts of the IEC 62282-6-1XX series cover particular requirements for specific fuel types based on the requirements given in IEC 62282-6-101.

SIST EN IEC 62282-6-106:2024

2024-06 (po) (en) **16 str. (D)**

Tehnologije gorivnih celic - 6-106. del: Elektroenergetski sistemi z mikro gorivnimi celicami - Varnost - Spojine razreda 8 (korozivne) (IEC 62282-6-106:2024)

Fuel cell technologies - Part 6-106: Micro fuel cell power systems - Safety - Indirect Class 8 (corrosive) compounds (IEC 62282-6-106:2024)

Osnova: EN IEC 62282-6-106:2024

ICS: 27.070

IEC 62282-6-106:2024 covers micro fuel cell power systems, micro fuel cell power units and fuel cartridges using hydrogen produced from UN Class 8 (corrosive) borohydride formulations as fuel. These systems and units use proton exchange membrane (PEM) fuel cell technologies. The designs include fuel processing subsystems to derive hydrogen gas from the corrosive fuel formulation.

This first edition, together with the other parts of the IEC 62282-6-1XX series, cancels and replaces IEC 62282-6-100:2010 and IEC 62282-6-100:2010/AMD1:2012. This edition includes the following significant technical changes with respect to IEC 62282-6-100:2010 and IEC 62282-6-100:2010/AMD1:2012:

a) A new structure has been set up: IEC 62282-6-101 covers the general safety requirements common to all fuel types whereas IEC 62282-6-102 and subsequent parts of the IEC 62282-6-1XX series cover particular requirements for individual fuel types.

SIST EN IEC 63203-301-1:2024

2024-06 (po) (en) **15 str. (D)**

Nosljive elektronske naprave in tehnologije - 301-1. del: Preskusna metoda elektrokromnih plasti za nosljivo opremo (IEC 63203-301-1:2024)

Wearable electronic devices and technologies - Part 301-1: Test method of electrochromic films for wearable equipments (IEC 63203-301-1:2024)

Osnova: EN IEC 63203-301-1:2024

ICS: 59.080.80

IEC 63203-301-1:2024 specifies procedures and definitions for the test method of electrochromic films for wearable equipment. This document deals with the colour changing range in visible light and the electrochromic properties of transmittance, response time and evaluation method of long-term stability. This document excludes applications of electrochromic films to displays.

SIST EN 17929:2024

2024-06 (po) (en;fr;de) **33 str. (H)**

Transportne storitve Hyperloop

Hyperloop Transport Services

Osnova: EN 17929:2024

ICS: 45.020, 55.020, 03.220.99

Hyperloop transport services are designed to support passenger transport and cargo transport. For each of the transport service user/customer requirements and expectations are different.

This document defines the hyperloop transport services supported by a hyperloop system and provides means for characterization and description of these services. The characterization considers the technical as well as operational / commercial features of each transport service.

SIST EN IEC 60352-9:2024

2024-06 (po) (en) **71 str. (L)**

Spoji brez spajke - 9. del: Ultrazvočno varjeni priključki - Splošne zahteve, preskusne metode in praktični napotki (IEC 60352-9:2024)

Solderless connections - Part 9: Ultrasonically welded connections - General requirements, test methods and practical guidance (IEC 60352-9:2024)

Osnova: EN IEC 60352-9:2024

ICS: 31.220.10, 29.120.20

IEC 60352-9:2024 provides guidelines for welding and testing of ultrasonically welded connections and includes requirements, tests and practical guidance information.

Ultrasonic welding is a form of cold friction welding that is becoming increasingly popular in many industries. This type of welding uses ultrasonic vibration to join materials together, creating a bond that is both strong and reliable. Ultrasonic welding has been identified as a process in ISO 4063-41 by the International Organization for Standardization (ISO).

The process of ultrasonic welding relies on high frequency ultrasound waves being used to create frictional heat at the connection point. High temperature is not required for this special method of welding, making it one of the most cost-effective ways to join two materials together.

It also requires fewer steps than traditional methods, meaning it can be completed quickly and with minimal resources.

Ultrasonic welding has been around for decades but only recently has become more widely utilized due to advances in technology and its availability at lower cost. It can be used on many different materials including plastics, rubbers, metals, textiles, and composites. Due to its precision and strong bonds it creates, it has become extremely popular in manufacturing processes such as automotive industry, electronics industry, furniture production and even medical device production.

This document covers ultrasonically welded connections made with stranded or flexible wires (class 2, 5 or 6 per IEC 60228) of copper or copper alloy, as well as of aluminium or aluminium alloy. These welded metal-to-metal connections shall employ wires with cross-sectional area of 0,08 mm² to 160 mm² and shall not exceed a total cross-sectional area, in case of wire bundle, of 200 mm². For aluminium or aluminium alloy wires, the minimum required cross-sectional area is 2,5 mm².

Additionally, information on materials, data from industrial experience and test procedures are included to ensure electrically stable connections under prescribed environmental conditions.

Lastly, this document aims to achieve comparable results when using ultrasonic welding equipment with similar performance and specifications as specified by the termination manufacturer.

SIST EN IEC 60939-3:2024

2024-06 (po) (en) **84 str. (M)**

Pasivni filtri za dušenje elektromagnetnega motenja - 3. del: Enote pasivnih filtrov, za katere varnostni preskusi ustrezajo (IEC 60939-3:2024)

Passive filter units for electromagnetic interference suppression - Part 3: Passive filter units for which safety tests are appropriate (IEC 60939-3:2024)

Osnova: EN IEC 60939-3:2024

ICS: 31.160

This part of IEC 60939 covers passive filters used to attenuate unwanted radio-frequency signals (such as noise or interference) generated from electromagnetic sources.

Both single and multi-channel filters within one enclosure or which are built on a printed circuit board forming a compact entity are included within the scope of this document.

Filters constructed of capacitive elements where the inductance is inherent in the construction of the filter are within the scope of this document. Similarly, filters constructed of inductive elements where the capacitance is inherent in the construction of the filter are also within the scope of this document.

It is up to the manufacturer to state whether a given component is to be designed as a capacitor, an

inductor or a filter. Filters can include also other components such as resistors and/or varistors or similar components.

This document applies to passive filter units for electromagnetic interference suppression for which safety tests are appropriate. This implies that filters specified according to this document will either be connected to mains supplies, when compliance with the mandatory tests of Table B.1 is necessary, or used in other circuit positions where the equipment specification specifies that some or all of these safety tests are required.

This document applies to passive filter units, which will be connected to an AC mains or other supply (DC or AC) with a nominal voltage not exceeding 1 000 V AC, with a nominal frequency not exceeding 400 Hz, or 1 500 V DC.

NOTE For AC use, IEC 60384-14 applies to capacitors which will be connected to AC mains with a nominal frequency not exceeding 100 Hz.

This document covers appliance filters (US) but does not cover facility filters, cord-connected filters or direct plug-in filters. These other filters will be covered by another sectional specification.

SIST EN IEC 63281-2-1:2024

2024-06 (po) (en) **35 str. (H)**

E-prevozniki - 2-1. del: Varnostne zahteve in preskusne metode za osebne e-prevoznike (IEC 63281-2-1:2024)

E-Transporters - Part 2-1: Safety requirements and test methods for personal e-Transporters (IEC 63281-2-1:2024)

Osnova: EN IEC 63281-2-1:2024

ICS: 43.120

IEC 63281-2-1:2024 specifies safety requirements and test methods for personal e-Transporters.

This document is applicable to electrically powered personal e-Transporters (PeTs) which are used in private and public areas, where the speed control and/or the steering control is electric/electronic.

The PeT can have provisions for transport of cargo and can be for private or commercial (including sharing service) use.

This document is not applicable for electric vehicles (EVs), such as electrically power assisted cycles (EPACs), e-bikes, mopeds, motorcycles and passenger cars.

This document does not apply to:

- PeTs that are considered as toys;
- PeTs that are intended for competition;
- PeTs that are intended for medical care;
- PeTs that have a rated voltage of more than 100 V DC or 240 V AC;
- PeTs without an on-board driving operator.

SIST EN IEC 63305:2024

2024-06 (po) (en) **65 str. (K)**

Podvodna akustika - Kalibracija zvočnega vala vektorskih sprejemnikov v frekvenčnem območju od 5 Hz do 10 kHz (IEC 63305:2024)

Underwater Acoustics - Calibration of acoustic wave vector receivers in the frequency range 5 Hz to 10 kHz (IEC 63305:2024)

Osnova: EN IEC 63305:2024

ICS: 17.140.50

IEC 63305:2024 specifies methods and procedures for calibration of vector receivers in the frequency range 5 Hz to 10 kHz, which are applicable to vector receivers based on the two different principles. In addition, it describes an absolute method of inertial vector receiver calibration in air using optical interferometry.

Usually, acoustic wave vector receivers are designed and constructed based on one of two principles. One is the sound pressure difference (gradient) principle. When measuring with this sensor, the vector receiver is rigidly fixed on a mount and supported in water. The other is the co-vibrating (inertial) principle. When measuring with this sensor, the vector receiver is suspended on a mount and supported in water in a non-rigid manner, which allows the vector receiver co-vibrate in the same direction as the sound particle in the sound wave field.

Many methods have been used to calibrate vector receivers, such as free-field calibration, calibration in standing wave tube and calibration in a travelling wave tube.

SIST-V CEN/CLC Guide 29:2024

SIST-V CEN/CLC Guide 29:2020

2024-06 (po) (en;fr;de) 19 str. (E)

Dogovori z delavnic CEN in/ali CENELEC - Hiter način do standardizacije
CEN and/or CENELEC Workshop Agreements - A rapid way to standardization

Osnova: CEN/CLC Guide 29:2024

ICS: 01.120

This CEN-CENELEC Guide provides mechanisms and details the characteristics and development process of the CEN and/or CENELEC deliverable known as the 'CEN and/or CENELEC Workshop Agreement'.



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