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Prodaja strokovne literature

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

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- Naročila morajo biti pisna (pošta, faks, e-pošta ali osebni obisk); na nadnadno poslanih izvirnikih naročilnic mora biti navedena opomba o prvem naročilu. Prosimo vas, da pri prvem naročilu navedete natančen naslov za račun.

Predstavitev na svetovnem spletu http://www.sist.si

Objava novih slovenskih nacionalnih standardov

SIST/TC AKU Akustika

SIST EN ISO 3740:2019 SIST EN ISO 3740:2001
2019-07 (po) (en) 44 str. (I)
Akustika - Ugotavljanje ravni zvočnih moči virov hrupa - Smernice za uporabo temeljnih standardov (ISO 3740:2019)
Acoustics - Determination of sound power levels of noise sources - Guidelines for the use of basic standards (ISO 3740:2019)
Osnova: EN ISO 3740:2019
ICS: 17.140.01

This document gives guidance for the use of a set of twelve basic International Standards (see Tables 1, 2 and 3) describing various methods for determining sound power levels from all types of machinery, equipment and products. It provides guidance on the selection of one or more of these standards, appropriate to any particular type of sound source, measurement environment and desired accuracy.
The guidance given applies to airborne sound. It is for use in the preparation of noise test codes (see ISO 12001) and also in noise emission testing where no specific noise test code exists. Such standardized noise test codes can recommend the application of particular basic International Standard(s) and give detailed requirements on mounting and operating conditions for a particular family to which the machine under test belongs, in accordance with general principles given in the basic standards.
This document is not intended to replace any of the details of, or add any additional requirements to, the individual test methods in the basic International Standards referenced.
NOTE 1 Two quantities which complement each other can be used to describe the noise emission of machinery, equipment and products. One is the emission sound pressure level at a specified position and the other is the sound power level. The International Standards which describe the basic methods for determining emission sound pressure levels at work stations and at other specified positions are ISO 11200 to ISO 11205 (References [20] to [25]).
NOTE 2 The sound energy level mentioned in ISO 3741 to ISO 3747 is not addressed in this document as it is not mentioned in any legal requirement. Its application is limited to very special cases of a single burst of sound energy or transient sound defined in ISO 12001.

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

SIST EN 60728-11:2018/A11:2019
2019-07 (po) (en;fr) 10 str. (C)
Kabelska omrežja za televizijske in zvokovne signale ter interaktivne storitve - 11. del: Varnost
Cable networks for television signals, sound signals and interactive services - Part 11: Safety
Osnova: EN 60728-11:2017/A11:2018
ICS: 33.060.40

Dopolnilo A11:2019 je dodatek k standardu SIST EN 60728-11:2018.

SIST/TC CES Ceste

SIST 1038-1:2008/AC102:2019
2019-07 (izv) (sl) 1 str. (AC)
Bituminizirane zmesi - Specifikacije materialov - 1.del: Bitumenski beton - Zahteve - Pravila za uporabo SIST EN 13108-1 - Popravek AC102
Bituminous mixtures - Material specifications - Part 1: Asphalt Concrete - Requirements - Rules for implementation of SIST EN 13108-1 - Corrigendum AC102
ICS: 91.100.50

Popravek k standardu SIST 1038-1:2008.

SIST 1038-5:2008/AC103:2019
2019-07 (izv) (sl) 1 str. (AC)
Bituminizirane zmesi - Specifikacije materialov - 5. del: Drobir z bitumenskim mastiksom - Zahteve - Pravila za uporabo SIST EN 13108-5 - Popravek AC103
Bituminous mixtures - Material specifications - Part 5: Stone Mastic Asphalt - Requirements - Rules for implementation of SIST EN 13108-5 - Corrigendum AC103
ICS: 91.100.50

Popravek k standardu SIST 1038-5:2008.

SIST 1038-7:2008/AC102:2019
2019-07 (izv) (sl) 1 str. (AC)
Bituminizirane zmesi - Specifikacije materialov - 7. del: Drenažni asfalt - Zahteve - Pravila za uporabo SIST EN 13108-7 - Popravek AC102
Bituminous mixtures - Material specifications - Part 7: Porous Asphalt - Requirements - Rules for implementation of SIST EN 13108-7 - Corrigendum AC102
ICS: 91.100.50

Popravek k standardu SIST 1038-7:2008.

SIST EN 13880-6:2019 SIST EN 13880-6:2004
2019-07 (po) (en;fr;de) 8 str. (B)
Toplo nanosljive tesnilne mase za stike - 6. del: Metoda priprave preskušancev
Hot applied joint sealants - Part 6: Method for the preperation of samples for testing
Osnova: EN 13880-6:2019
ICS: 91.100.50, 93.080.20

This European Standard describes test methods for the preparation of samples for testing hot applied joint sealants for use in joints in roads, airfields and other concrete pavements.

SIST EN 13880-7:2019 SIST EN 13880-7:2004
2019-07 (po) (en;fr;de) 10 str. (C)
Toplo nanosljive tesnilne mase za stike - 7. del: Preskušanje funkcionalnosti tesnilne mase za stike
Hot applied joint sealants - Part 7: Function testing of joint sealants
Osnova: EN 13880-7:2019
ICS: 91.100.50, 93.080.20

This EN describes a function test for hot-applied joint sealants intended to be used in areas where the joints are subjected to combined conditions of temperature ≤ - 20 °C and crack joint movement ≤ 35 % in construction joints as well as in spontaneously formed cracks in road and airfield pavements.

SIST/TC DPN Delo pod napetostjo

SIST EN IEC 60900:2018/AC:2019
2019-07 (po) (fr) 3 str. (AC)
Delo pod napetostjo - Ročna orodja za uporabo pri izmeničnih napetostih do največ 1000 V in enosmernih napetostih do 1500 V - Popravek AC
Live working - Hand tools for use up to 1 000 V AC and 1 500 V DC
Osnova: EN IEC 60900:2018/AC:2019-02
ICS: 25.140.01, 13.260

Popravek k standardu SIST EN IEC 60900:2018.

SIST/TC DTN Dvigalne in transportne naprave

SIST EN 12927:2019
SIST EN 12927-1:2005
SIST EN 12927-2:2005
SIST EN 12927-3:2005
SIST EN 12927-4:2005
SIST EN 12927-5:2005
SIST EN 12927-6:2005
SIST EN 12927-7:2005
SIST EN 12927-8:2005
2019-07 (po) (en;fr;de) 65 str. (K)
Varnostne zahteve za žičniške naprave za prevoz oseb - Vrvi
Safety requirements for cableway installations designed to carry persons - Ropes
Osnova: EN 12927:2019
ICS: 45.100

This European Standard specifies the safety requirements applicable to:
- selection criteria for ropes and their end fixings;
- safety factors (excluding brake ropes);
- discard criteria;
- storage, handling, transportation and installation (including tensioning, connecting and/or splicing);
- long splicing of 6 strand haulage, carrying-hauling rope and carrying-hauling rope (for ski tow);
- end fixings;
- maintenance;
and the minimum requirements applicable to:
- MRT, visual and radiographic equipment and procedures for the examination of steel wire ropes.
This standard is not applicable to cableway installations for the transportation of goods nor to lifts.
This standard includes requirements relating to the prevention of accidents and the protection of workers irrespective of the application of national regulations. National regulations of a building or federal/state nature or which serve to protect particular groups of people remain unaffected.

SIST EN 16796-4:2019
2019-07 (po) (en;fr;de) 8 str. (B)
Vozila za talni transport - Energijska učinkovitost - Preskusne metode - 4. del: Vozila za talni transport s spremenljivim dosegom
Energy efficiency of industrial trucks - Test methods - Part 4: Variable-reach rough-terrain trucks
Osnova: EN 16796-4:2019
ICS: 27.015, 53.060

This document specifies the method of power consumption measurement for non-slewing variable reach rough terrain trucks as defined in ISO 5053-1 herein after referred to as trucks.
This document should be used in conjunction with EN 16796-1, where the requirements of this part differ from that in part 1 -requirements in this part 4 will take precedent.

SIST EN 16842-4:2019
2019-07 (po) (en;fr;de) 12 str. (C)
Vozila za talni transport - Gnana vozila za talni transport - Vidno polje voznika - Preskusna metoda za preverjanje - 4. del: Industrijsko spremenljiva tovorna vozila z zmogljivostjo do vključno 10 000 kg
Powered industrial trucks- Visibility - Test methods and verification - Part 4 : Industrial variable reach trucks up to and including 10 000 kg capacity
Osnova: EN 16842-4:2019
ICS: 53.060

This European Standard specifies the requirements and test procedures of 360° visibility of sit on self-propelled variable reach industrial counterbalance trucks (herein after referred to as truck) with a capacity ≤ 10 000 kg in accordance with ISO 5053-1 and is intended be used in conjunction with FprEN 16842-1.
Where specific requirements in this part are modified from the general requirements in FprEN 16842-1, the requirements of this part are truck specific and to be used for self-propelled industrial order-picking, lateral- and front-stacking trucks with elevating operator position.
This part of EN 16842 deals with all significant hazards, hazardous situations or hazardous events as listed in Annex ZA, Table ZA.1, relevant to the visibility of the operator for applicable machines when used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer.

SIST EN 16842-9:2019
2019-07 (po) (en;fr;de) 15 str. (D)
Vozila za talni transport - Gnana vozila za talni transport - Vidno polje voznika - Preskusna metoda za preverjanje - 9. del: Tovorni in tristrani viličarji z dvižnim položajem upravljavca
Powered industrial trucks - Visibility - Test method for verification - Part 9: Order-picking, lateral- and front-stacking trucks with elevating operator position
Osnova: EN 16842-9:2019
ICS: 53.060

This standard specifies the requirements and test procedures for 360° visibility of order-picking trucks and lateral- and front-stacking trucks with elevating operator position with a sit-on or stand-on operator in accordance with ISO 5053-1 and is to be used in conjunction with EN 16842-1.
This standard does not apply to:
- driving with elevated operator position above 500 mm.
Where specific requirements are contained in EN 16842-9 they take precedence over the general requirements of EN 16842-1.

SIST EN 1709:2019 SIST EN 1709:2005
2019-07 (po) (de) 21 str. (F)
Varnostne zahteve za žičniške naprave za prevoz oseb - Prevzemni pregled in navodila za vzdrževanje in pregled obratovanja
Safety requirements for cableway installations designed to carry persons - Precommissioning inspection and instructions for maintenance and operational inspection
Osnova: EN 1709:2019
ICS: 45.100

This European Standard defines the safety requirements applicable to the precommissioning inspection, and to the instructions for the maintenance and operational inspection and checks of cableway installations designed to carry persons. This document is applicable to the various types of cableway

installation and takes into account their environment.
It also includes requirements relating to accident prevention and to the protection of workers without prejudice to the application of national regulations.
National regulations regarding building laws or regulations or which afford protection to specific groups of people, as well as national regulations regarding testing, acceptance testing prior to starting passenger service, maintenance and operational inspection shall remain unaffected.
It does not apply to cableway installations intended for the transport of goods nor to lifts.
The provisions of Clause 5 apply to the measures to be taken prior to the initial commissioning of the installation, and those of Clauses 6 and 7 concern the measures to be taken during operation.

SIST EN ISO 20238:2019 SIST EN 1554:2012
2019-07 (po) (en;fr;de) 17 str. (E)
Naprave za kontinuirni transport - Trakovi tračnih transporterjev - Preskušanje trenja na pogonskem bobnu (ISO 20238:2018)
Conveyor belts - Drum friction testing (ISO 20238:2018)
Osnova: EN ISO 20238:2019
ICS: 53.040.20

This European Standard describes a method of test to determine the propensity of a conveyor belt to generate heat flame or glow when held stationary under a given tension, in surface contact around a rotating driven steel drum.
Means of varying the belt tension are described.
NOTE For certain belt types, due to their construction, it may not be possible to conduct this test due to the inability of the belt to comply with the requirements of 6.2.3.

SIST/TC ELI Nizkonapetostne in komunikacijske električne inštalacije

SIST HD 60364-7-711:2019 SIST HD 384.7.711 S1:2004
2019-07 (po) (en) 19 str. (E)
Nizkonapetostne električne inštalacije - 7-711. del: Zahteve za posebne inštalacije ali prostore - Razstave, predstave in stojnice
Low voltage electrical installation - Part 7-711: Requirements for special installations or locations - Exhibitions, shows and stands
Osnova: HD 60364-7-711:2019
ICS: 91.140.50, 97.200.99

The particular requirements of this part of IEC 60364 apply to the temporary electrical installations of exhibitions, shows and stands (including mobile and portable displays and equipment).

SIST/TC EMC Elektromagnetna združljivost

SIST EN IEC 55016-1-4:2019 SIST EN 55016-1-4:2011
SIST EN 55016-1-4:2011/A1:2013
SIST EN 55016-1-4:2011/A2:2017

2019-07 (po) (en) 110 str. (N)

Specifikacija merilnih naprav in metod za merjenje radiofrekvenčnih motenj in odpornosti - 1-4. del: Merilne naprave za merjenje radiofrekvenčnih motenj in odpornosti - Antene in preskuševališča za meritve sevanih motenj

Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-4: Radio disturbance and immunity measuring apparatus - Antennas and test sites for radiated disturbance measurements

Osnova: EN IEC 55016-1-4:2019
ICS: 17.240, 33.100.20

This part of CISPR 16 specifies the characteristics and performance of equipment for the measurement of radiated disturbances in the frequency range 9 kHz to 18 GHz. Specifications for antennas and test sites are included.
NOTE In accordance with IEC Guide 107, CISPR 16-1-4 is a basic EMC publication for use by product committees of the IEC. As stated in Guide 107, product committees are responsible for determining the applicability of the EMC standard. CISPR and its sub-committees are prepared to cooperate with product committees in the evaluation of the value of particular EMC tests for specific products.
The requirements of this publication apply at all frequencies and for all levels of radiated disturbances within the CISPR indicating range of the measuring equipment.
Methods of measurement are covered in Part 2-3, further information on radio disturbance is given in Part 3, and uncertainties, statistics and limit modelling are covered in Part 4 of CISPR 16.

SIST EN IEC 61000-6-1:2019 SIST EN 61000-6-1:2007

2019-07 (po) (en) 22 str. (F)

Elektromagnetna združljivost (EMC) - 6-1. del: Osnovni standardi - Odpornost v stanovanjskih, poslovnih in manj zahtevnih industrijskih okoljih

Electromagnetic compatibility (EMC) Part 6-1: Generic standards - Immunity standard for residential, commercial and light-industrial environments

Osnova: EN IEC 61000-6-1:2019
ICS: 33.100.20

Applies to electrical and electronic apparatus intended for use in residential, commercial and light-industrial environments. Immunity requirements in the frequency range 0 Hz to 400 GHz are covered. No tests need to be performed at frequencies where no requirements are specified. This generic EMC immunity standard is applicable if no relevant dedicated product or product-family EMC immunity standard exists. This standard applies to apparatus intended to be directly connected to a low-voltage public mains network or connected to a dedicated DC source which is intended to interface between the apparatus and the low-voltage public mains network. This standard applies also to apparatus which is battery operated or is powered by a non-public, but non-industrial, low-voltage power distribution system if this apparatus is intended to be used in the locations described below. The environments encompassed by this standard are residential, commercial and light-industrial locations, both indoor and outdoor. The following list, although not comprehensive, gives an indication of locations which are included: - residential properties, for example houses, apartments; - retail outlets, for example shops, supermarkets; - business premises, for example offices, banks; - areas of public entertainment, for example cinemas, public bars, dance halls; - outdoor locations, for example petrol stations, car parks, amusement and sports centres; - light-industrial locations, for example workshops, laboratories, service centres. Locations which are characterised by being supplied directly at low voltage from the public mains network are considered to be residential, commercial or light-industrial. The immunity requirements have been selected to ensure an adequate level of immunity for apparatus at residential, commercial and light-industrial locations. The levels do not, however, cover extreme cases, which may occur at any location, but with an extremely low probability of occurrenc

SIST EN IEC 61000-6-2:2019 SIST EN 61000-6-2:2005
2019-07 (po) (en) 22 str. (F)
Elektromagnetna združljivost (EMC) - 6-2. del: Osnovni standardi - Odpornost za industrijska okolja
Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity standard for industrial environments
Osnova: EN IEC 61000-6-2:2019
ICS: 33.100.20

This standard applies to electrical and electronic apparatus intended for use in industrial environments, as described below. Immunity requirements in the frequency range 0 Hz to 400 GHz are covered. No tests need to be performed at frequencies where no requirements are specified. This generic EMC immunity standard is applicable if no relevant dedicated product or product-family EMC immunity standard exists. This standard applies to apparatus intended to be connected to a power network supplied from a high or medium voltage transformer dedicated to the supply of an installation feeding manufacturing or similar plant, and intended to operate in or in proximity to industrial locations, as described below. This standard applies also to apparatus which is battery operated and intended to be used in industrial locations. The environments encompassed by this standard are industrial, both indoor and outdoor. The immunity requirements have been selected to ensure an adequate level of immunity for apparatus at industrial locations. The levels do not, however, cover extreme cases, which may occur at any location, but with an extremely low probability of occurrence. Not all disturbance phenomena have been included for testing purposes in this standard, but only those considered as relevant for the equipment covered by this standard. These test requirements represent essential electromagnetic compatibility immunity requirements.

SIST/TC EPR Električni pribor

SIST EN 61020-1:2019
2019-07 (po) (en;fr;de) 90 str. (M)
Elektromehanska stikala za električno in elektronsko opremo - 1. del: Rodovna specifikacija (IEC 61020-1:2019)
Electromechanical switches for use in electrical and electronic equipment - Part 1: Generic specification (IEC 61020-1:2019)
Osnova: EN IEC 61020-1:2019
ICS: 31.220.20

This part of IEC 61020 specifies the terminology, symbols, test methods and other necessary information to provide consistency in detail specifications for electromechanical switches. This document relates to electromechanical switches intended for use in electrical and electronic appliances. Switches covered by this document:
a) are devices which open, close, or change the connection of a circuit by the mechanical motion of conducting parts (contacts);
b) have a maximum rated voltage of 480 V;
c) have a maximum rated current of 63 A.
This document does not include keyboards and keypads which are intended for use in information-handling systems. Electromechanical key switches can be included under the scope of this document.
Switch families will be described in any detail specifications that reference this document. This document is a performance standard intended to describe evaluation methods to better clarify the capabilities of a switch.
NOTE 1 Safety requirements for switches for household and similar fixed electrical installations are given in IEC 60669 (all parts).
NOTE 2 Safety requirements for appliance switches are given in IEC 61058 (all parts).

SIST EN 61058-1-2:2017/AC:2019
2019-07 (po) (en;fr;de) 1 str. (AC)
Stikala za aparate - 1-2. del: Zahteve za konstrukcije elektronskih stikal
Switches for appliances - Part 1-2: Requirements for electronic switches
Osnova: EN 61058-1-2:2016/AC:2019-02
ICS: 29.120.40

Popravek k standardu SIST EN 61058-1-2:2017.

SIST EN 62752:2016/AC:2019
2019-07 (po) (en;fr;de) 7 str. (AC)
Intergirana zaščita kabla in zaščitna naprava tipa 2 za napajanje električnih cestnih vozil (IC-CPD)
In-cable control and protection device for mode 2 charging of electric road vehicles (IC-CPDs)
Osnova: EN 62752:2016/AC:2019-03
ICS: 43.120, 29.120.50

Popravek k standardu SIST EN 62752:2016.

SIST/TC ETR Energetski transformatorji

SIST EN IEC 60076-22-1:2019
2019-07 (po) (en) 76 str. (L)
Močnostni transformatorji - 22-1. del: Oprema močnostnega transformatorja in dušilke - Zaščitne naprave
Power transformers - Part 22-1: Power transformer and reactor fittings – Protective devices
Osnova: EN IEC 60076-22-1:2019
ICS: 29.180

This part of IEC 60076-22 applies to protective devices mounted on liquid-immersed power transformers in accordance with IEC 60076-1 and reactors in accordance with IEC 60076-6 with or without conservator for indoor or outdoor installation. It outlines the service conditions and the mechanical and electrical requirements that are common to all the devices, which are relevant for the safety of the machine having a function of signalization of abnormal operating conditions.
It also outlines the operation requirements specific to each device as well as, in some cases, the preferred dimensions relevant for interchangeability and the type and routine test to be performed.

SIST/TC EVA Električne varovalke

SIST EN 60691:2017/A1:2019
2019-07 (po) (en;fr;de) 9 str. (C)
Termični taljivi vložki - Zahteve in navodilo za uporabo (IEC 60691:2015/A1:2019)
Thermal-links - Requirements and application guide (IEC 60691:2015/A1:2019)
Osnova: EN 60691:2016/A1:2019
ICS: 29.120.50

Dopolnilo A1:2019 je dodatek k standardu SIST EN 60691:2017.

SIST/TC EXP Električni aparati za eksplozivne atmosfere

SIST EN IEC 60079-15:2019 SIST EN 60079-15:2011
2019-07 (po) (en;fr;de) 36 str. (H)
Eksplozivne atmosfere - 15. del: Zaščita opreme s protieksplozijsko zaščito "n"
Explosive atmospheres - Part 15: Equipment protection by type of protection "n"
Osnova: EN IEC 60079-15:2019
ICS: 29.260.20

This part of IEC 60079 specifies requirements for the construction, testing and marking for Group II electrical equipment with type of protection “n” which includes; sealed devices “nC”, hermetically sealed devices “nC”, non-incendive components “nC” and restricted breathing enclosures “nR” intended for use in explosive gas atmospheres. This part of IEC 60079 applies to electrical equipment where the rated input voltage does not exceed 15 kV r.m.s. AC or DC including where the internal working voltages of the Ex product exceeds 15 kV, for example starters for HID luminaires.
This part of IEC 60079 supplements and modifies the general requirements of IEC 60079-0, except as indicated in Table 1. Where a requirement of this part of IEC 60079 conflicts with a requirement of IEC 60079-0, the requirement of this part of IEC 60079 takes precedence.

SIST-TP CEN/TR 16829:2017+AC:2019
2019-07 (po) (en;fr;de) 63 str. (K)
Preprečevanje in eksplozijska zaščita korčnih elevatorjev pred požarom in eksplozijo
Fire and explosion prevention and protection for bucket elevators
Osnova: CEN/TR 16829:2016+AC:2019
ICS: 13.220.20, 13.230

This European Technical Report applies to bucket elevators that may handle combustible products capable of producing potentially explosive atmospheres of dust or powder inside the bucket elevator during its operation. The precautions to control ignition sources will also be relevant where the product in the bucket elevator creates a fire risk but not an explosion risk.
For the purposes of this report, a bucket elevator is defined as an item of bulk material handling equipment that carries material in powder form or as coarse products such as whole grain, wood chips or flakes, in a vertical direction by means of a continuous movement of open containers.
This Technical Report specifies the principles of and guidance for fire and explosion prevention and explosion protection for bucket elevators.
Prevention is based on the avoidance of effective ignition sources, either by the elimination of ignition sources or the detection of ignition sources.
Explosion protection is based on the application of explosion venting, explosion suppression or explosion containment and explosion isolation rules specifically adapted for bucket elevators. These specific rules may be based on agreed test methods.
This European Technical Report does not apply to products that do not require atmospheric oxygen for combustion.

SIST/TC IBLP Barve, laki in premazi

SIST EN ISO 2812-3:2019 SIST EN ISO 2812-3:2012
2019-07 (po) (en;fr;de) 14 str. (D)
Barve in laki - Ugotavljanje odpornosti proti tekočinam - 3. del: Metoda z vpojnim materialom (ISO 2812-3:2019)
Paints and varnishes - Determination of resistance to liquids - Part 3: Method using an absorbent medium (ISO 2812-3:2019)
Osnova: EN ISO 2812-3:2019
ICS: 87.040

This document specifies a method, using an absorbent medium, for determining the resistance of an individual-layer or multi-layer system of coating materials to the effects of liquids or paste-like products. This method enables the tester to determine the effects of the test substance on the coating and, if necessary, to assess the damage to the substrate.

SIST EN ISO 8130-1:2019 SIST EN ISO 8130-1:2012
2019-07 (po) (en;fr;de) 16 str. (D)
Praškasti premazi - 1. del: Določevanje porazdelitve velikosti delcev s sejanjem (ISO 8130-1:2019)
Coating powders - Part 1: Determination of particle size distribution by sieving (ISO 8130-1:2019)
Osnova: EN ISO 8130-1:2019
ICS: 87.040

This document specifies a method for the determination of the particle size distribution of coating powders by sieve analysis. Particle size distributions with a maximum of less than 100 µm is determined by laser diffraction, ISO 8130-13. This method is used especially for determining the oversize material or for the presence of contamination and can be used as a quality control procedure ("go"/"no go" test) by checking the amount retained on a single sieve.
The following particle sizes are typical for coating powders, however the particle size can deviate depending on the application:
— thin-film technology: 1 µm to 63 µm;
— electrostatic coating: 10 µm to 200 µm;
— fluidizing-bed method: 100 µm and above.
NOTE Sieves with a mesh size smaller than 32 µm are not practical and are likely to become blind during use.

SIST EN ISO 8130-11:2019 SIST EN ISO 8130-11:2012
SIST ISO 8130-11:1998
2019-07 (po) (en;fr;de) 12 str. (C)
Praškasti premazi - 11. del: Preskus tečenja na nagnjeni površini (ISO 8130-11:2019)
Coating powders - Part 11: Inclined-plane flow test (ISO 8130-11:2019)
Osnova: EN ISO 8130-11:2019
ICS: 87.040

This document specifies a comparative method for determining the flow characteristic of a fused thermosetting coating powder down a plane inclined at a set angle to the horizontal.
The aim of the test method described in this document gives an indication of the degree of melt flow that can occur during the curing of the coating powder. This characteristic contributes to the surface appearance and to the degree of coverage over sharp edges.
The test is a comparative method for checking for batch to batch variation in the behaviour of a given coating powder. Correlation between the results from coating powders of differing composition is not to be expected.
This method is not suitable for coating powders which have gel times of less than 1 min at the test temperature when characterised according to ISO 8130-6. This method is also not suitable for textured powders.

SIST EN ISO 8130-12:2019 SIST EN ISO 8130-12:2012
SIST ISO 8130-12:1998
2019-07 (po) (en;fr;de) 14 str. (D)
Praškasti premazi - 12. del: Ugotavljanje združljivosti (ISO 8130-12:2019)
Coating powders - Part 12: Determination of compatibility (ISO 8130-12:2019)
Osnova: EN ISO 8130-12:2019
ICS: 87.040

This document specifies a visual method to determine the deterioration of surface quality of the final coating when mixing two different coating powders. The surface quality will depend on the following characteristics of the coating powders:
a) the chemical reactivity;
b) the chemical composition;
c) the melt properties.
The onset of the incompatibility in appearance, its nature and its extent will depend greatly on the ratio in which the powders are mixed. The nature of the incompatibility in surface appearance can manifest itself in various ways, described in Clause 8.
This test is useful in predicting the possibility of incompatibility arising from mixing different powders both during the manufacturing process and during the application of the coating powder.
This document concerns only changes in visual aspects of the coating. The mixture series can also be used for testing properties such as mechanical properties, chemical properties, corrosive properties and resistance against UV radiation. Further properties can be agreed between interested parties.

SIST EN ISO 8130-13:2019 SIST EN ISO 8130-13:2012
2019-07 (po) (en;fr;de) 14 str. (D)
Praškasti premazi - 13. del: Granulometrijska analiza z lasersko difrakcijo (ISO 8130-13:2019)
Coating powders - Part 13: Particle size analysis by laser diffraction (ISO 8130-13:2019)
Osnova: EN ISO 8130-13:2019
ICS: 87.040

This document specifies a method for the determination of the equivalent-sphere particle size distribution of coating powders by laser diffraction, for particles of the size range from 1 µm to 300 µm.
NOTE There is a possibility that particle sizes >300 µm need the use of a different optical model. This document is specific for the measurement of coating powders and also draws attention to ISO 13320, which provides guidance on instrument qualification and particle size distribution. Laser diffraction is not suitable for determining oversize material, which can be verified by sieve analysis as described in ISO 8130-1 or by dynamic image analysis as described in ISO 13322-2.

SIST EN ISO 8130-14:2019 SIST EN ISO 8130-14:2004
2019-07 (po) (en;fr;de) 12 str. (C)
Praškasti premazi - 14. del: Slovar (ISO 8130-14:2019)
Coating powders - Part 14: Vocabulary (ISO 8130-14:2019)
Osnova: EN ISO 8130-14:2019
ICS: 01.040.87, 87.040

This document defines special terms used in the field of coating powders.
Other terms and definitions related to paints and varnishes are given in ISO 4618.

SIST EN ISO 8130-7:2019 SIST EN ISO 8130-7:2013
2019-07 (po) (en;fr;de) 12 str. (C)
Praškasti premazi - 7. del: Ugotavljanje izgube mase pri sušenju v peči (ISO 8130-7:2019)
Coating powders - Part 7: Determination of loss of mass on stoving (ISO 8130-7:2019)
Osnova: EN ISO 8130-7:2019
ICS: 87.040

This document specifies a method for the determination of loss of mass on stoving of coating powders that are to be applied by electrostatic spraying or flock spraying or fluidized bed. The method described in this document is a simple, practical test which provides sufficiently accurate results for coating powders that lose approximately 2 % (by mass) on stoving (heating). Above 2 %, accuracy decreases with an increasing loss in mass. This method determines the amount of all volatile matter, including water.
Thermogravimetric testing as described in the ISO 11358 series can be used as a comparative method.

SIST/TC IEHT Elektrotehnika - Hidravlične turbine

SIST EN IEC 62097:2019 SIST EN 62097:2010
2019-07 (po) (en) 129 str. (O)
Vodni stroji, radialni in aksialni - Metodologija prenosa uspešnosti z modela na prototip (IEC 62097:2019)
Hydraulic machines, radial and axial - Methodology for performance transposition from model to prototype (IEC 62097:2019)
Osnova: EN IEC 62097:2019
ICS: 27.140

This International Standard establishes the prototype hydraulic machine efficiency from model test results, with consideration of scale effect including the effect of surface roughness.
This document is intended to be used for the assessment of the results of contractual model tests of hydraulic machines.

SIST/TC IEKA Električni kabli

SIST EN 50620:2017/A1:2019
2019-07 (po) (en) 10 str. (C)
Električni kabli - Kabli za napajanje električnih vozil - Dopolnilo A1
Electric cables - Charging cables for electric vehicles
Osnova: EN 50620:2017/A1:2019
ICS: 43.120, 29.060.20

Dopolnilo A1:2019 je dodatek k standardu SIST EN 50620:2017.

SIST/TC IEMO Električna oprema v medicinski praksi

SIST EN 60601-2-54:2009/A2:2019
2019-07 (po) (en) 19 str. (E)
Medicinska električna oprema - 2-54. del: Posebne zahteve za osnovno varnost in bistvene lastnosti rentgenske opreme za radiografijo in radioskopijo - Dopolnilo A2 (IEC 60601-2-54:2009/A2:2018)
Medical electrical equipment - Part 2-54: Particular requirements for the basic safety and essential performance of X-ray equipment for radiography and radioscopy (IEC 60601-2-54:2009/A2:2018)
Osnova: EN 60601-2-54:2009/A2:2019
ICS: 11.040.50

Dopolnilo A2:2019 je dodatek k standardu SIST EN 60601-2-54:2009.

SIST EN IEC 60601-2-39:2019 SIST EN 60601-2-39:2008
SIST EN 60601-2-39:2008/A11:2012
2019-07 (po) (en) 31 str. (G)
Medicinska električna oprema - 2-39. del: Posebne zahteve za osnovno varnost in bistvene lastnosti opreme za trebušno dializo (IEC 60601-2-39:2018)
Medical electrical equipment - Part 2-39: Particular requirements for basic safety and essential performance of peritoneal dialysis equipment (IEC 60601-2-39:2018)
Osnova: EN IEC 60601-2-39:2019
ICS: 11.040.99

This part of IEC 60601 applies to the BASIC SAFETY and ESSENTIAL PERFORMANCE of PERITONEAL DIALYSIS ME EQUIPMENT as defined in 201.3.208, hereafter referred to as PD EQUIPMENT. It applies

to PD EQUIPMENT intended for use either by medical staff or under the supervision of medical experts, including PD EQUIPMENT operated by the PATIENT, regardless of whether the PD EQUIPMENT is used in a hospital or domestic environment.
If a clause or subclause is specifically intended to be applicable to ME EQUIPMENT only, or to ME SYSTEMS only, the title and content of that clause or subclause will say so. If that is not the case, the clause or subclause applies both to ME EQUIPMENT and to ME SYSTEMS, as relevant.
HAZARDS inherent in the intended physiological function of ME EQUIPMENT or ME SYSTEMS within the scope of this document are not covered by specific requirements in this document except in 7.2.13 and 8.4.1 of the general standard.
This document can also be applied to PD EQUIPMENT used for compensation or alleviation of disease, injury or disability.
These particular requirements do not apply to the DIALYSING SOLUTION, or the DIALYSING SOLUTION CIRCUIT.

SIST EN IEC 80601-2-30:2019 SIST EN 80601-2-30:2010
SIST EN 80601-2-30:2010/A1:2015

2019-07 (po) (en) 61 str. (K)

Medicinska električna oprema - 2-30. del: Posebne zahteve za osnovno varnost in bistvene lastnosti avtomatiziranih neinvazivnih sfigmomanometrov (IEC 80601-2-30:2018)

Medical electrical equipment - Part 2-30: Particular requirements for the basic safety and essential performance of automated non-invasive sphygmomanometers (IEC 80601-2-30:2018)

Osnova: EN IEC 80601-2-30:2019
ICS: 11.040.55

This part of the 80601 International Standard applies to the BASIC SAFETY and ESSENTIAL PERFORMANCE of AUTOMATED SPHYGMOMANOMETERS, hereafter referred to as ME EQUIPMENT, which by means of an inflatable CUFF, are used for non-continuous indirect estimation of the BLOOD PRESSURE without arterial puncture.
NOTE 1 Equipment that performs indirect DETERMINATION of the BLOOD PRESSURE without arterial puncture does not directly measure the BLOOD PRESSURE. It only estimates the BLOOD PRESSURE.
This document specifies requirements for the BASIC SAFETY and ESSENTIAL PERFORMANCE for this ME EQUIPMENT and its ACCESSORIES, including the requirements for the accuracy of a DETERMINATION.
This document covers automatic electrically-powered ME EQUIPMENT used for the intermittent, indirect estimation of the BLOOD PRESSURE without arterial puncture, including BLOOD PRESSURE monitors for the HOME HEALTHCARE ENVIRONMENT. Requirements for indirect estimation of the BLOOD PRESSURE without arterial puncture ME EQUIPMENT with an electrically-powered PRESSURE TRANSDUCER and/or displays used in conjunction with a stethoscope or other manual methods for determining BLOOD PRESSURE (NON-AUTOMATED SPHYGMOMANOMETERS) are specified in document ISO 81060-1 [2].
If a clause or subclause is specifically intended to be applicable to ME EQUIPMENT only, or to ME SYSTEMS only, the title and content of that clause or subclause will say so. If that is not the case, the clause or subclause applies both to ME EQUIPMENT and to ME SYSTEMS, as relevant.
HAZARDS inherent in the intended physiological function of ME EQUIPMENT or ME SYSTEMS within the scope of this document are not covered by specific requirements in this document except in 201.11 and 201.105.3.3, as well as 7.2.13 and 8.4.1 of IEC 60601-1:2005.

SIST/TC IESV Električne svetilke

SIST EN 60061-1:1999/A58:2019/AC:2019
2019-07 (po) (en,fr) 5 str. (AC)
Vznožki in okovi žarnic in sijalk skupaj s kalibri za kontrolo medsebojne zamenljivosti in varnosti - 1. del: Vznožki sijalk - Dopolnilo A58 - Popravek AC (IEC 60061-1:1969/A58:2018/COR1:2019)
Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 1: Lamps Caps (IEC 60061-1:1969/A58:2018/COR1:2019)
Osnova: EN 60061-1:1993/A58:2018/AC:2019-04
ICS: 29.140.10

Popravek k standardu SIST EN 60061-1:1999/A58:2019.

SIST EN 60809:2015/A3:2019
2019-07 (po) (en) 14 str. (D)
Sijalke za cestna vozila - Dimenzijske, električne in svetlobne zahteve - Dopolnilo A3 (IEC 60809:2014/A3:2019)
Lamps for road vehicles - Dimensional, electrical and luminous requirements (IEC 60809:2014/A3:2019)
Osnova: EN 60809:2015/A3:2019
ICS: 43.040.20, 29.140.20

Dopolnilo A3:2019 je dodatek k standardu SIST EN 60809:2015.

SIST/TC IFEK Železne kovine

SIST EN 10210-2:2019 SIST EN 10210-2:2006
SIST EN 10210-2:2006/AC:2007
2019-07 (po) (en;fr;de) 43 str. (I)
Vroče izdelani votli konstrukcijski profili iz jekla - 2. del: Mere, mejni odstopki in značilnosti profilov
Hot finished steel structural hollow sections - Part 2: Tolerances, dimensions and sectional properties
Osnova: EN 10210-2:2019
ICS: 77.140.70, 77.140.45

This part of prEN 10210 specifies tolerances for hot finished circular, square, rectangular and elliptical structural hollow sections, manufactured in wall thicknesses up to 120 mm, in the following size ranges:
Circular: Outside diameters up to 2 500 mm
Square: Outside dimensions up to 800 mm x 800 mm
Rectangular: Outside dimensions up to 750 mm x 500 mm
Elliptical: Outside dimensions up to 500 mm x 250 mm
The formulae for calculating sectional properties of sections manufactured to the dimensional tolerances of this standard, to be used for the purposes of structural design, are given in Annex A.
Dimensions and sectional properties for a limited range covering the more common sizes are given in Annex B.
The general conditions are specified in prEN 10210-1 (product characteristics, test methods and performance criteria that apply under the Construction Products Regulations) and the technical delivery conditions in prEN 10210-2.
NOTE The designation of the sections' major axis (yy) and its minor axis (zz) align with the axis designation used for structural design in the structural Eurocodes.

SIST EN 10217-1:2019 SIST EN 10217-1:2003
SIST EN 10217-1:2003/A1:2005

2019-07 (po) (en;fr;de) 46 str. (I)

Varjene jeklene cevi za tlačne posode - Tehnični dobavni pogoji - 1. del: Električno varjene in obločno pod praškom varjene nelegirane jeklene cevi s specificiranimi lastnostmi za delo pri sobni temperaturi

Welded steel tubes for pressure purposes - Technical delivery conditions - Part 1: Electric welded and submerged arc welded non-alloy steel tubes with specified room temperature properties

Osnova: EN 10217-1:2019
ICS: 23.020.32, 77.140.75

This document specifies the technical delivery conditions for two qualities TR1 and TR2 of welded tubes of circular cross section, made of non-alloy quality steel and with specified room temperature properties.

SIST EN 10217-3:2019 SIST EN 10217-3:2003
SIST EN 10217-3:2003/A1:2005

2019-07 (po) (en;fr;de) 53 str. (J)

Varjene jeklene cevi za tlačne posode - Tehnični dobavni pogoji - 3. del: Električno varjene in obločno pod praškom varjene legirane jeklene cevi z drobnozrnato mikrostrukturo s specificiranimi lastnostmi za delo pri sobni, povišani in nizki temperaturi

Welded steel tubes for pressure purposes - Technical delivery conditions - Part 3: Electric welded and submerged arc welded alloy fine grain steel tubes with specified room, elevated and low temperature properties

Osnova: EN 10217-3:2019
ICS: 23.020.32, 77.140.75

This Part of EN 10217 specifies the technical delivery condition in two test categories for welded tubes of circular cross section, made of weldable alloy fine grain steel.

SIST EN 10217-4:2019 SIST EN 10217-4:2003
SIST EN 10217-4:2003/A1:2005

2019-07 (po) (en,fr,de) 35 str. (H)

Varjene jeklene cevi za tlačne posode - Tehnični dobavni pogoji - 4. del: Električno varjene nelegirane jeklene cevi s specificiranimi lastnostmi za delo pri nizkih temperaturah

Welded steel tubes for pressure purposes - Technical delivery conditions - Part 4: Electric welded non-alloy steel tubes with specified low temperature properties

Osnova: EN 10217-4:2019
ICS: 23.020.32, 77.140.75

This Part of EN 10217 specifies the technical delivery conditions in two test categories of electric welded tubes of circular cross section, with specified low temperature properties, made of non-alloy steel.

SIST EN 10217-5:2019 SIST EN 10217-5:2003
SIST EN 10217-5:2003/A1:2005

2019-07 (po) (en;fr;de) 43 str. (I)

Varjene jeklene cevi za tlačne posode - Tehnični dobavni pogoji - 5. del: Obločno pod praškom varjene nelegirane in legirane jeklene cevi s specificiranimi lastnostmi za delo pri povišanih temperaturah

Welded steel tubes for pressure purposes - Technical delivery conditions - Part 5: Submerged arc welded non-alloy and alloy steel tubes with specified elevated temperature properties

Osnova: EN 10217-5:2019
ICS: 23.020.32, 77.140.75

This Part of EN 10217 specifies the technical delivery conditions in two test categories of submerged arc welded tubes of circular cross section, with specified elevated temperature properties, made of non-alloy and alloy steel.

SIST EN 10217-6:2019 SIST EN 10217-6:2003
SIST EN 10217-6:2003/A1:2005

2019-07 (po) (en;fr;de) 38 str. (H)

Varjene jeklene cevi za tlačne posode - Tehnični dobavni pogoji - 6. del: Obločno pod praškom varjene nelegirane jeklene cevi s specificiranimi lastnostmi za delo pri nizkih temperaturah

Welded steel tubes for pressure purposes - Technical delivery conditions - Part 6: Submerged arc welded non-alloy steel tubes with specified low temperature properties

Osnova: EN 10217-6:2019
ICS: 23.020.32, 77.140.75

This Part of EN 10217 specifies the technical delivery conditions in two test categories of submerged arc welded tubes of circular cross section, with specified low temperature properties, made of non-alloy steel.

SIST EN 10219-2:2019 SIST EN 10219-2:2006

2019-07 (po) (en;fr;de) 44 str. (I)

Hladno oblikovani varjeni votli konstrukcijski profili iz jekla - 2. del: Mere, mejni odstopki in značilnosti profilov

Cold formed welded steel structural hollow sections - Part 2: Tolerances, dimensions and sectional properties

Osnova: EN 10219-2:2019
ICS: 77.140.45, 77.140.70

This part of prEN 10219 specifies tolerances for cold formed welded circular, square, rectangular and elliptical structural hollow sections, manufactured in wall thicknesses up to 40 mm, in the following size ranges:
Circular: Outside diameters up to 2 500 mm
Square: Outside dimensions up to 500 mm x 500 mm
Rectangular: Outside dimensions up to 500 mm x 300 mm
Elliptical: Outside dimensions up to 480 mm x 240 mm
The formulae for calculating sectional properties of sections manufactured to the dimensional tolerances of this standard, to be used for the purposes of structural design, are given in Annex B.
Dimensions and sectional properties for a limited range of more common sizes are given in Annex C.
The general conditions are specified in prEN 10219-1 (product characteristics, test methods and performance criteria that apply under the Construction Products Regulations) and the technical delivery conditions in prEN 10219-2.
NOTE The designation of the sections' major axis (yy) and its minor axis (zz) align with the axis designation used for structural design in the structural Eurocodes.

SIST EN 10225-1:2019 SIST EN 10225:2009

2019-07 (po) (en;fr;de) 62 str. (K)

Konstrukcijska jekla za varjene konstrukcije naftnih ploščadi - Tehnični dobavni pogoji - 1. del: Plošče

Weldable structural steels for fixed offshore structures - Technical delivery conditions - Part 1: Plates

Osnova: EN 10225-1:2019
ICS: 75.180.10, 77.140.50, 77.140.10

This part of EN 10225 specifies requirements for weldable structural steels to be used in the fabrication of fixed offshore structures in the form of plates.
Following thickness limitations are given in this standard:
- S355NL1O up to and including 200 mm;
- S355ML1O, S420ML1O, S460ML1O, S500ML1O up to and including 120 mm;
- S420QLO, S460QLO, S500QLO, S550QLO, S620QLO, S690QLO up to and including 150 mm.
Greater thicknesses may be agreed, provided the technical requirements of this European Standard are maintained.
The standard is applicable to steels for offshore structures, designed to operate in the offshore sector but not to steels supplied for the fabrication of subsea pipelines, risers, process equipment, process piping and

other utilities. It is primarily applicable to the North Sea Sector, but may also be applicable in other areas provided that due consideration is given to local conditions e. g. temperature.
NOTE There is an Annex F on the prequalification of steels for fixed offshore structures in arctic areas.
Minimum yield strengths up to 690 MPa are specified together with low temperature impact properties at temperatures down to -40 °C.

SIST EN 10225-2:2019 SIST EN 10225:2009
2019-07 (po) (en;fr;de) 44 str. (I)
Konstrukcijska jekla za varjene konstrukcije naftnih ploščadi - Tehnični dobavni pogoji - 2. del: Profili
Weldable structural steels for fixed offshore structures - Technical delivery conditions - Part 2: Sections
Osnova: EN 10225-2:2019
ICS: 75.180.10, 77.140.70, 77.140.10

This part of EN 10225 specifies requirements for weldable structural steels to be used in the fabrication of fixed offshore structures in the form of sections (e.g. H-, I-, Z-sections, U-channels, angles and tees) excluding hollow sections. The thickness limitation in this standard is up to and including 63 mm.
For steel qualities with mechanical properties in the transverse direction (named xL2O) sections with flange widths smaller than 180 mm and channels with flange smaller widths than 90 mm cannot be ordered.
Greater thicknesses may be agreed, provided the technical requirements of this European Standard are maintained.
The standard is applicable to steels for offshore structures, designed to operate in the offshore sector but not to steels supplied for the fabrication of subsea pipelines, risers, process equipment, process piping and other utilities. It is primarily applicable to the North Sea Sector, but may also be applicable in other areas provided that due consideration is given to local conditions e. g. temperature.
NOTE There is an Annex E on the prequalification of steels for fixed offshore structures in arctic areas.
Minimum yield strengths up to 460 MPa are specified together with low temperature impact properties at temperatures down to -40 °C.

SIST EN 10225-3:2019 SIST EN 10225:2009
2019-07 (po) (en;fr;de) 60 str. (J)
Konstrukcijska jekla za varjene konstrukcije naftnih ploščadi - Tehnični dobavni pogoji - 3. del: Vroče izdelani votli profili
Weldable structural steels for fixed offshore structures - Technical delivery conditions - Part 3: Hot finished hollow sections
Osnova: EN 10225-3:2019
ICS: 75.180.10, 77.140.70, 77.140.10

This part of EN 10225 specifies requirements for weldable structural steels made of hot finished seamless and high frequency welded hollow sections to be used in the fabrication of fixed offshore structures.
Following thickness limitations are given in this standard:
- for seamless hollow sections up to and including 65 mm;
- for HFW hollow sections up to and including 25,4 mm.
Greater thicknesses may be agreed, provided the technical requirements of this European Standard are maintained.
The standard is applicable to steels for offshore structures, designed to operate in the offshore sector but not to steels supplied for the fabrication of subsea pipelines, risers, process equipment, process piping and other utilities. It is primarily applicable to the North Sea Sector, but may also be applicable in other areas provided that due consideration is given to local conditions e. g. temperature.
NOTE There is an Annex G on the prequalification of steels for fixed offshore structures in arctic areas.
Minimum yield strengths up to 770 MPa are specified together with low temperature impact properties at temperatures down to -40 °C.

SIST EN 10225-4:2019 SIST EN 10225:2009

2019-07 (po) (en;fr;de) 69 str. (K)

Konstrukcijska jekla za varjene konstrukcije naftnih ploščadi - Tehnični dobavni pogoji - 4. del: Hladno oblikovani varjeni votli profili

Weldable structural steels for fixed offshore structures - Technical delivery conditions - Part 4: Cold formed welded hollow sections

Osnova: EN 10225-4:2019

ICS: 77.140.70, 75.180.10, 77.140.10

This part of EN 10225 specifies requirements for submerged arc welded (SAW) and high frequency welded (HFW) cold formed hollow sections to be used in the fabrication of fixed offshore structures.

The thickness limit for SAWL round hollow sections is up to and including 50,8 mm, for HFW round hollow sections up to and including 25,4 mm and for HFW rectangular hollow sections up to and including 12,5 mm.

Greater thicknesses for SAWL hollow sections may be agreed provided the technical requirements of this European Standard are maintained.

NOTE 1 There is an Annex E about SAWH round hollow sections with thickness limit of 30,0 mm and an Annex F about high strength rectangular HFW hollow sections steel grades S550 to S700 for further information please refer to it.

The standard is applicable to steels for offshore structures, designed to operate in the offshore sector but not to steels supplied for the fabrication of subsea pipelines, risers, process equipment, process piping and other utilities. It is primarily applicable to the North Sea Sector, but may also be applicable in other areas provided that due consideration is given to local conditions e. g. temperature.

NOTE 2 There is an Annex G on the prequalification of steels for fixed offshore structures in arctic areas. Minimum yield strengths up to 690 MPa are specified together with low temperature impact properties at temperatures down to -40 °C.

SIST EN ISO 6149-1:2019 SIST EN ISO 6149-1:2007

2019-07 (po) (en;fr;de) 14 str. (D)

Priključki v fluidni tehniki in splošna uporaba - Odprtine in priključki z navoji po ISO 261 in tesnilkami O - 1. del: Odprtine s tesnilko O v koničnem ohišju (ISO 6149-1:2019)

Connections for hydraulic fluid power and general use - Ports and stud ends with ISO 261 metric threads and O-ring sealing - Part 1: Ports with truncated housing for O-ring seal (ISO 6149-1:2019)

Osnova: EN ISO 6149-1:2019

ICS: 23.100.40

This document specifies dimensions for metric ports for use with the adjustable and non-adjustable stud ends as described in ISO 6149-2 and ISO 6149-3.

Ports in accordance with this document can be used at working pressures up to 63 MPa [630 bar1)] for non-adjustable stud ends and 40 MPa (400 bar) for adjustable stud ends. The permissible working pressure depends upon port size, materials, design, working conditions, application, etc. See ISO 6149-2 and ISO 6149-3 for pressure ratings.

NOTE The Introduction of this document gives recommendations for ports and stud ends to be used for new designs in hydraulic fluid power applications.

SIST/TC IIZS Izolacijski materiali in sistemi

SIST EN IEC 62631-3-4:2019
2019-07 (po) (en) 17 str. (E)
Dielektrične in uporovne lastnosti trdnih izolacijskih materialov - 3-4. del: Ugotavljanje uporovnih lastnosti (metode z enosmernim tokom) - Prehodna upornost in specifična prehodna upornost pri povišanih temperaturah (IEC 62631-3-4:2019)
Dielectric and resistive properties of solid insulating materials - Part 3-4: Determination of resistive properties (DC methods) - Volume resistance and volume resistivity at elevated temperatures (IEC 62631-3-4:2019)
Osnova: EN IEC 62631-3-4:2019
ICS: 29.035.01

This part of IEC 62631 covers procedures for the determination of insulation resistance and volume resistivity of insulating materials by applying DC-voltage and temperatures up to 800 °C. The typical application materials include high temperature mica plate and alumina ceramics.

SIST/TC IKER Keramika

SIST EN ISO 10545-4:2019 SIST EN ISO 10545-4:2014
2019-07 (po) (de) 15 str. (D)
Keramične ploščice - 4. del: Ugotavljanje sile pri zlomu in upogibne trdnosti (ISO 10545-4:2019)
Ceramic tiles - Part 4: Determination of modulus of rupture and breaking strength (ISO 10545-4:2019)
Osnova: EN ISO 10545-4:2019
ICS: 91.100.23

This document specifies a test method for determining the modulus of rupture and breaking strength of all ceramic tiles.
NOTE ISO 13006 provides property requirements for tiles and other useful information on these products.

SIST/TC INEK Neželezne kovine

SIST EN ISO 2376:2019 SIST EN ISO 2376:2010
2019-07 (po) (en) 11 str. (C)
Anodizacija aluminija in aluminijevih zlitin - Ugotavljanje električne prebojne napetosti (ISO 2376:2019)
Anodizing of aluminium and its alloys - Determination of breakdown voltage and withstand voltage (ISO 2376:2019)
Osnova: EN ISO 2376:2019
ICS: 77.120.10, 25.220.20

This document specifies test methods for the determination of the breakdown voltage and withstand voltage of anodic oxidation coatings on aluminium and its alloys, on flat or near-flat surfaces and on round wire. The methods are applicable to anodic oxidation coatings used primarily as electrical insulators.
The methods are not applicable to coatings in the vicinity of cut edges, the edges of holes, or sharp changes of angle on, for example, extruded shapes.
NOTE 1 Breakdown voltage and withstand voltage are affected by relative humidity.
NOTE 2 The methods described do not give satisfactory results for unsealed coatings because they are affected by the humidity in particular.

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

SIST EN 1295-1:2019 SIST EN 1295-1:1998
2019-07 (po) (en;fr;de) 34 str. (H)
Projektiranje vkopanih cevovodov pri različnih pogojih obremenitve - 1. del: Splošne zahteve
Structural design of buried pipelines under various conditions of loading - Part 1: General requirements
Osnova: EN 1295-1:2019
ICS: 93.030, 93.025

This document specifies the requirements for the structural design of water supply pipelines, drains and sewers, and other water industry pipelines, whether operating at atmospheric, greater or lesser pressure. In addition, this document gives guidance on the application of the nationally established methods of design declared by and used in CEN member countries at the time of preparation of this document.
This guidance is an important source of design expertise, but it cannot include all possible special cases, in which extensions or restrictions to the basic design methods may apply.
Since in practice precise details of types of soil and installation conditions are not always available at the design stage, the choice of design assumptions is left to the judgement of the engineer. In this connection the guide can only provide general indications and advice.
This document specifies the requirements for structural design and indicates the references and the basic principles of the nationally established methods of design (see Annexes A and B).

SIST EN 33:2019 SIST EN 33:2011
SIST EN 33:2011/AC:2014
2019-07 (po) (en;fr;de) 12 str. (C)
WC školjke in WC naprave - Priključne mere
WC pans and WC suites - Connecting dimensions
Osnova: EN 33:2019
ICS: 91.140.70

This document specifies the connecting dimensions of WC pans and WC suites regardless of the materials used for their manufacture.
This document does not apply to siphonic action WC pans and WC suites.
NOTE 1 Other connecting dimensions are permitted, e. g. special designs of WC pans, if the manufacturer supplies or recommends the appropriate fittings.
NOTE 2 The shape of the appliance in the figures is for illustration only; it in no way prejudices the final shape of the appliance, which is left to the initiative of the manufacturer.

SIST/TC IPKZ Protikorozijska zaščita kovin

SIST EN ISO 11177:2019 SIST EN ISO 11177:2016
2019-07 (po) (en) 13 str. (D)
Steklasti in porcelanski emajli - Znotraj in zunaj emajlirani ventili in tlačni cevni fitingi za nepitno in pitno vodo - Zahteve za kakovost in preskušanje (ISO 11177:2019)
Vitreous and porcelain enamels - Inside and outside enamelled valves and pressure pipe fittings for untreated and potable water supply - Quality requirements and testing (ISO 11177:2019)
Osnova: EN ISO 11177:2019
ICS: 23.040.01, 91.140.60, 25.220.50

This document specifies the requirements for product quality and product testing of enamelled valves and pressure pipe fittings for untreated and potable water supply.
It does not apply to chemical service glass-enamel and apparatus enamel.

SIST EN ISO 8289-2:2019
2019-07 (po) (en) 11 str. (C)
Steklasti in porcelanski emajli - Nizkonapetostni preskus za odkrivanje in lociranje napak - 2. del: Preskus s tekočo zmesjo za profilirane površine (ISO 8289-2:2019)
Vitreous and porcelain enamels - Low-voltage test for detecting and locating defects - Part 2: Slurry test for profile surfaces (ISO 8289-2:2019)
Osnova: EN ISO 8289-2:2019
ICS: 25.220.50

This standard specifies a low-voltage test method for detecting and locating defects (pores, cracks or pop-offs) which occur in enamel coatings of corrugated and/or undulated profiles and which extend down to the metal base.

SIST/TC IPMA Polimerni materiali in izdelki

SIST EN 14423:2013+A2:2019 SIST EN 14423:2013+A1:2016
SIST EN 14423:2013+A1:2016/oprA2:2018
2019-07 (po) (en;fr;de) 24 str. (F)
Cevne armature z objemkami za cevi za paro do 18 bar (vključno z dopolnilom A2)
Clamp type coupling assemblies for use with steam hoses rated for pressures up to 18 bar
Osnova: EN 14423:2013+A2:2019
ICS: 23.040.70

This European Standard specifies the design, materials and dimensions of fittings for clamp type coupling assemblies for use with nominal sizes DN 15 to DN 50 steam and hot water hoses. It covers assemblies up to a maximum working pressure of 18 bar) (corresponding to a saturated steam temperature of 210 °C).

SIST EN ISO 178:2019 SIST EN ISO 178:2011
SIST EN ISO 178:2011/A1:2014
2019-07 (po) (en;fr;de) 32 str. (G)
Polimerni materiali - Določanje upogibnih lastnosti (ISO 178:2019)
Plastics - Determination of flexural properties (ISO 178:2019)
Osnova: EN ISO 178:2019
ICS: 83.080.01

This document specifies a method for determining the flexural properties of rigid and semi-rigid plastics under defined conditions. A preferred test specimen is defined, but parameters are included for alternative specimen sizes for use where appropriate. A range of test speeds is included.
The method is used to investigate the flexural behaviour of the test specimens and to determine the flexural strength, flexural modulus and other aspects of the flexural stress/strain relationship under the conditions defined. It applies to a freely supported beam, loaded at midspan (three-point loading test).
The method is suitable for use with the following range of materials:
— thermoplastic moulding, extrusion and casting materials, including filled and reinforced compounds in addition to unfilled types; rigid thermoplastics sheets;
— thermosetting moulding materials, including filled and reinforced compounds; thermosetting sheets.
In agreement with ISO 10350-1[5] a nd I SO 10350-2[6], this document applies to fibre-reinforced compounds with fibre lengths ≤7,5 mm prior to processing. For long-fibre-reinforced materials (laminates) with fibre lengths >7,5 mm, see ISO 14125[7].
The method is not normally suitable for use with rigid cellular materials or sandwich structures containing cellular material. In such cases, ISO 1209-1[3] and/or ISO 1209-2[4] can be used.
NOTE 1 For certain types of textile-fibre-reinforced plastic, a four-point bending test is used. This is described in ISO 14125.
The method is performed using specimens which can be either moulded to the specified dimensions, machined from the central section of a standard multipurpose test specimen (see ISO 20753) or

machined from finished or semi-finished products, such as mouldings, laminates, or extruded or cast sheet.
The method specifies the preferred dimensions for the test specimen. Tests which are carried out on specimens of different dimensions, or on specimens which are prepared under different conditions, can produce results which are not comparable. Other factors, such as the test speed and the conditioning of the specimens, can also influence the results.
NOTE 2 Especially for injection moulded semi-crystalline polymers, the thickness of the oriented skin layer, which is dependent on the moulding conditions, also affects the flexural properties.
The method is not suitable for the determination of design parameters but can be used in materials testing and as a quality control test.

SIST EN ISO 21304-1:2019 SIST EN ISO 11542-1:2001
2019-07 (po) (en;fr;de) 15 str. (D)
Polimerni materiali - Materiali na osnovi polietilena z ultra visoko molsko maso (PE-UHMW) za oblikovanje in ekstrudiranje - 1. del: Sistem označevanja in podlage za specifikacije (ISO 21304-1:2019)
Plastics - Ultra-high-molecular-weight polyethylene (PE-UHMW) moulding and extrusion materials - Part 1: Designation system and basis for specifications (ISO 21304-1:2019)
Osnova: EN ISO 21304-1:2019
ICS: 83.080.20

This document establishes a system of designation for thermoplastic PE-UHMW materials, which can be used as the basis for specifications.
For the purposes of this document, PE-UHMW materials are polyethylene materials having a melt massflow rate (MFR) of less than 0,1 g/10 min, measured at 190 °C and 21,6 kg load.
NOTE It has been confirmed that the melt volume-flow rate (MVR) is useful for characterizing some PEUHMW materials (e.g. pipe materials) under the test condition of 230 °C/21,6 kg and bore diameter of die with 3,628 mm (see ISO 21304-2).
The types of PE-UHMW are differentiated from each other by a classification system based on appropriate levels of the designatory properties:
a) viscosity number;
b) elongational stress;
c) Charpy double-notched impact strength;
and on information about the intended application and/or method of processing, important properties, additives, colorants, fillers and reinforcing materials.
This designation system is applicable to all PE-UHMW homopolymers and to ultra-high-molecularweight copolymers of ethylene having a content of other 1-olefinic monomers of less than 50 % by mass and a content of non-olefinic monomers with functional groups up to a maximum of 3 % by mass. It applies to materials ready for normal use in the form of powder, granules or pellets, unmodified or modified by colorants, fillers and other additives.
It is not intended to imply that materials having the same designation give necessarily the same performance. This document does not provide engineering data, performance data or data on processing conditions which can be required to specify a material. If such additional properties are required, they are intended to be determined in accordance with the test methods specified in ISO 21304-2, if suitable.
In order to specify a thermoplastic PE-UHMW material to meet particular specifications, the requirements are to be given in data block 5 (see 4.1).

SIST EN ISO 21306-1:2019 SIST EN ISO 1163-1:2000
2019-07 (po) (en;fr;de) 12 str. (C)
Polimerni materiali - Nemehčane zmesi homo- in kopolimerov vinilklorida za oblikovanje in ekstrudiranje - 1. del: Sistem označevanja in podlage za specifikacije (ISO 21306-1:2019)
Plastics - Unplasticized poly(vinyl chloride) (PVC-U) moulding and extrusion materials - Part 1: Designation system and basis for specifications (ISO 21306-1:2019)
Osnova: EN ISO 21306-1:2019
ICS: 83.080.20

This document establishes a system of designation for unplasticized PVC thermoplastic material which may be used as the basis for specifications.
The types of PVC-U plastics are differentiated from each other by a classification system based on appropriate levels of the designatory properties
a) Vicat softening temperature,
b) impact strength (Charpy notched),
c) modulus of elasticity
and on information about basic polymer parameters, intended application and/or method of processing, important properties, additives, colorants, fillers and reinforcing materials.
This document is applicable to all unplasticized compositions of homopolymers and copolymers that contain at least a mass fraction of 50 % of vinyl chloride. It is also applicable to compositions containing chlorinated poly(vinyl chloride) and to compositions containing blends of one or more of the abovementioned polymers, provided that the total amount of these polymers represents at least a mass fraction of 50 % of the polymer content of the composition.
It applies to materials ready for normal use in the form of powder, granules or pellets and to materials nunmodified or modified by colorants, additives, fillers, etc.
This document does not apply to cellular plastics.
It is not intended to imply that materials having the same designation give necessarily the same performance. This document does not provide engineering data, performance data or data on processing conditions which can be required to specify a material for a particular application and/or method of processing.
If such additional properties are required, they can be determined in accordance with the test methods specified in ISO 21306-2, if suitable.
In order to specify a thermoplastic material for a particular application or to ensure reproducible processing, additional requirements may be given in data block 5 (see 4.1).

SIST EN ISO 21306-2:2019 SIST EN ISO 1163-2:2000
2019-07 (po) (en;fr;de) 13 str. (D)
Polimerni materiali - Nemehčane zmesi homo- in kopolimerov vinilklorida za oblikovanje in ekstrudiranje - 2. del: Priprava preskušancev in ugotavljanje lastnosti (ISO 21306-2:2019)
Plastics - Unplasticized poly(vinyl chloride) (PVC-U) moulding and extrusion materials - Part 2: Preparation of test specimens and determination of properties (ISO 21306-2:2019)
Osnova: EN ISO 21306-2:2019
ICS: 83.080.20

This document specifies the methods of preparation of test specimens and the test methods to be used in determining the properties of PVC-U moulding and extrusion materials. Requirements for handling test materials and for conditioning both the test material before moulding and the specimens before testing are given.
The properties required for the designation of PVC-U thermoplastics are given in ISO 21306-1. All properties are intended to be determined by the appropriate methods referred to in this document and values obtained shall be presented as laid down in ISO 10350-1.
The values determined in accordance with this document are not necessarily be identical to those obtained using specimens of different dimensions and/or prepared by different procedures. The values obtained for the properties of a moulding depend on the moulding compound, the shape, the test method and the state of anisotropy. The last-mentioned depends on the gating of the mould and the moulding conditions, for example temperature, pressure and injection rate. Any subsequent treatment is also be considered, for example conditioning or annealing.
The thermal history and the internal stresses of the specimens can strongly influence the thermal and mechanical properties and the resistance to environmental stress cracking, but exert less effect on the electrical properties, which depend mainly on the chemical composition of the moulding compound. In order to obtain reproducible and comparable test results, the methods of preparation and conditioning, the specimen dimensions and the test procedures specified herein are used. Values determined are not necessarily be identical to those obtained using specimens of different dimensions or prepared using different procedures.

SIST/TC ISEL Strojni elementi

SIST EN ISO 20170:2019
2019-07 (po) (en;fr;de) 28 str. (G)
Specifikacija geometrijskih veličin izdelka (GPS) - Razčlenitev geometrijskih lastnosti za kontrolo proizvodnje (ISO 20170:2019)
Geometrical product specification (GPS) - Decomposition of geometrical characteristics for manufacturing control (ISO 20170:2019)
Osnova: EN ISO 20170:2019
ICS: 17.040.40

This Standard describes principles and tools to control a manufacturing process in accordance with a GPS specification. It establishes that the result of a GPS specification, consisting of one value, is not sufficient to control a manufacturing process. For this purpose it is necessary to use a set of one or more complementary, independent characteristics that correlate to the manufacturing process parameters.
This Standard describes the concept of decomposition of the macro-geometrical part of the GPS specification. It does not cover the micro-geometry, i.e. surface texture.
The objective of the decomposition presented in this standard is to define correction values for manufacturing control or to perform a statistical analysis of the process.

SIST/TC ISTP Stavbno pohištvo

SIST EN 13126-15:2019 SIST EN 13126-15:2008
2019-07 (po) (en;fr;de) 31 str. (G)
Stavbno okovje - Okovje za okna in zastekljena vrata - Zahteve in preskusne metode - 15. del: Valji za navpično drsna okna in okovje za zgibno drsna okna
Building hardware - Hardware for windows and door height windows - Requirements and test methods - Part 15: Rollers for horizontal sliding and hardware for sliding folding windows
Osnova: EN 13126-15:2019
ICS: 91.190

This part of EN 13126 specifies requirements and test methods for durability, strength, security and function of rollers for horizontal sliding and hardware for inward or outward sliding folding windows and door height windows in accordance with common application as shown in informative Annex C. This standard is applicable to rollers irrespective of whether they are adjustable or not and irrespective of the method or type of fixing or if they are used independently, or in multiples or combinations.

SIST EN 13126-16:2019 SIST EN 13126-16:2008
2019-07 (po) (en;fr;de) 30 str. (G)
Stavbno okovje - Okovje za okna in zastekljena vrata - Zahteve in preskusne metode - 16. del: Okovje za dvižno-drsna okna in vrata
Building hardware - Hardware for windows and door height windows - Requirements and test methods - Part 16: Hardware for Lift and Slide windows
Osnova: EN 13126-16:2019
ICS: 91.190

This part of EN 13126 specifies requirements and test methods for durability, strength, security and function of hardware for Lift and Slide windows and door height windows in accordance with common application as shown in informative Annex C, regardless of whether the hardware enables an additional tilt position.

SIST EN 13126-17:2019 SIST EN 13126-17:2008
2019-07 (po) (en;fr;de) 32 str. (G)
Stavbno okovje - Okovje za okna in zastekljena vrata - Zahteve in preskusne metode - 17. del: Okovje za nagibno-drsna okna in vrata
Building hardware - Hardware for windows and door height windows - Requirements and test methods - Part 17: Hardware for Tilt and Slide windows
Osnova: EN 13126-17:2019
ICS: 91.190

This part of EN 13126 specifies requirements and test methods for durability, strength, security and function of hardware for Tilt and Slide windows and door height windows in accordance with common application as shown in informative Annex C.

SIST/TC ITC Informacijska tehnologija

SIST EN 17054:2019
2019-07 (po) (en,fr,de) 76 str. (L)
Večjezični biometrični slovar, ki temelji na angleški različici ISO/IEC 2382-37:2012
Biometrics multilingual vocabulary based upon the English version of ISO/IEC 2382-37:2012
Osnova: EN 17054:2019
ICS: 35.240.15, 01.040.35

This European Standard establishes a systematic description of the concepts in the field of biometrics pertaining to recognition of human beings and reconciles variant terms in use in pre-existing biometric standards against the preferred terms, thereby clarifying the use of terms in this field.
Excluded from the scope of this document are concepts (represented by terms) from information technology, pattern recognition, biology, mathematics, etc. Biometrics uses such fields of knowledge as a basis.
In principle, mode specific terms are outside the scope of this European Standard.
Words in bold are defined in this document. Words that are not in bold are to be understood in their natural language sense. The authority for natural language use of terms in this document is the Concise Oxford English Dictionary (COD), Thumb Index Edition (tenth edition, revised, 2002). Words used in their natural language sense are considered out-of-scope for further definition in this document.

SIST-TS CEN/TS 17154-1:2019
2019-07 (po) (en;fr;de) 244 str. (T)
Elektronsko pobiranje pristojbin - Ugotavljanje skladnosti za izvajanje tehnične specifikacije CEN/TS 16986 - 1. del: Zgradba preskuševalnega niza in namen preskušanja
Electronic fee collection - Evaluation of implementation for conformity to CEN/TS 16986 - Part 1: Test suite structure and purposes
Osnova: CEN/TS 17154-1:2019
ICS: 35.240.60

This document provides a suite of tests in order to assess the central equipment of toll chargers and toll service providers for compliancy towards the requirements listed in CEN/TS 16986. This document contains the definition of such tests in the form of test cases, reflecting the required individual steps listed in specific Test Purposes defined in FprCEN/TS 17154-1. The test cases are written in Testing and Test Control Notation version 3 (TTCN v3).

SIST-TS CEN/TS 17154-2:2019
2019-07 (po) (en;fr;de) 28 str. (G)
Elektronsko pobiranje pristojbin - Ugotavljanje skladnosti za izvajanje tehnične specifikacije CEN/TS 16986 - 2. del: Abstraktni preskuševalni niz
Electronic fee collection - Evaluation of implementation for conformity to CEN/TS 16986 - Part 2: Abstract test suite
Osnova: CEN/TS 17154-2:2019
ICS: 35.240.60

This document provides a suite of tests in order to assess the central equipment of toll chargers and toll service providers for compliancy towards the requirements listed in CEN/TS 16986. This document contains the definition of such tests in the form of test cases, reflecting the required individual steps listed in specific Test Purposes defined in FprCEN/TS 17154-1. The test cases are written in Testing and Test Control Notation version 3 (TTCN v3).

SIST/TC ITEK Tekstil in tekstilni izdelki

SIST EN 16711-3:2019
2019-07 (po) (en;fr;de) 11 str. (C)
Tekstilije - Določevanje kovin - 3. del: Določevanje sproščanja svinca z raztopino umetne sline
Textiles - Determination of metal content - Determination of lead release by artificial saliva solution
Osnova: EN 16711-3:2019
ICS: 59.060.01

This document describes a testing procedure to determine the rate of lead release from all materials of textile articles.
NOTE With this test procedure it can be demonstrated that the rate of lead release from such an article or any accessible part of an article, whether coated or uncoated, does or does not exceed 0,05 µg/cm2 per hour, and, for coated articles, that the coating is sufficient to ensure that this release rate is not exceeded for a period of at least two years of normal or reasonably foreseeable conditions of use of the article (Annex XVII of Regulation (EC) No 1907/2006, column 2 of entry 63 paragraph 7, second clause) [5].

SIST EN ISO 1833-10:2019 SIST EN ISO 1833-10:2013
2019-07 (po) (en;fr;de) 9 str. (C)
Tekstilije - Kvantitativna kemična analiza - 10. del: Mešanica triacetatnih ali polilaktidnih in nekaterih drugih vlaken (metoda z uporabo diklorometana) (ISO 1833-10:2019)
Textiles - Quantitative chemical analysis - Part 10: Mixtures of triacetate or polylactide with certain other fibres (method using dichloromethane) (ISO 1833-10:2019)
Osnova: EN ISO 1833-10:2019
ICS: 71.040.40, 59.060.20

This document specifies a method, using dichloromethane, to determine the mass percentage of triacetate or polylactide, after removal of non-fibrous matter, in textiles made of mixtures of
— triacetate or polylactide with
— wool or other animal hair, silk, protein, cotton, viscose, cupro, modal,lyocell, polyamide, polyester, acrylic, elastomultiester, polypropylene, elastolefin, melamine, polypropylene/polyamide bicomponent,polyacrylate and glass fibres.
Triacetate fibres which have been partially hydrolysed (i.e. saponification) cease to be completely soluble in the reagent. In such cases, this method is not applicable.

SIST EN ISO 1833-18:2019 SIST EN ISO 1833-18:2013
2019-07 (po) (en;fr;de) 10 str. (C)
Tekstilije - Kvantitativna kemična analiza - 18. del: Mešanica svile z drugimi proteinskimi vlakni (metoda z uporabo žveplene kisline) (ISO 1833-18:2019)
Textiles - Quantitative chemical analysis - Part 18: Mixtures of silk with other protein fibres (method using sulfuric acid) (ISO 1833-18:2019)
Osnova: EN ISO 1833-18:2019
ICS: 59.060.10, 71.040.40

This document specifies a method, using sulfuric acid, to determine the mass percentage of silk, after removal of non-fibrous matter, in textiles made of binary mixtures of
— silk
with
— other protein fibres (e.g. wool or animal hair).

SIST EN ISO 1833-21:2019 SIST EN ISO 1833-21:2013
2019-07 (po) (en;fr;de) 12 str. (C)
Tekstilije - Kvantitativna kemična analiza - 21. del: Mešanica klorovlaken, nekaterih modakrilnih, nekaterih elastanovih, acetatnih, triacetatnih in nekaterih drugih vlaken (metoda z uporabo cikloheksanona) (ISO 1833-21:2019)
Textiles - Quantitative chemical analysis - Part 21: Mixtures of chlorofibres, certain modacrylics, certain elastanes, acetates, triacetates and certain other fibres (method using cyclohexanone) (ISO 1833-21:2019)
Osnova: EN ISO 1833-21:2019
ICS: 71.040.40, 59.060.20

This document specifies a method, using cyclohexanone, to determine the mass percentage of chlorofibre, modacrylic, elastane, acetate and triacetate, after removal of non-fibrous matter, in textiles made of mixtures of
— acetate, triacetate, chlorofibre, certain modacrylics, certain elastanes with
— wool, animal hair, silk, cotton, cupro, modal, viscose, lyocell, polyamide, acrylic, melamine, polyacrylate and glass fibres.
It is also possible to analyse mixtures containing chlorofibres by using the test methods described in ISO 1833-13 or ISO 1833-17.

SIST EN ISO 1833-3:2019 SIST EN ISO 1833-3:2013
2019-07 (po) (en;fr;de) 9 str. (C)
Tekstilije - Kvantitativna kemična analiza - 3. del: Mešanica acetatnih in nekaterih drugih vlaken (metoda z uporabo acetona) (ISO 1833-3:2019)
Textiles - Quantitative chemical analysis - Part 3: Mixtures of acetate with certain other fibres (method using acetone) (ISO 1833-3:2019)
Osnova: EN ISO 1833-3:2019
ICS: 71.040.40, 59.060.20

This document specifies a method, using acetone, to determine the mass percentage of acetate, after removal of non-fibrous matter, in textiles made of mixtures of
— acetate with
— wool, animal hair, silk, regenerated protein, cotton (scoured, kiered, or bleached), flax (or linen), hemp, jute, abaca, alfa, coir, broom, ramie, cupro, viscose, modal, polyamide, polyester, acrylic, elastolefin, elastomultiester, melamine, polypropylene/polyamide bicomponent, polyacrylate and glass fibres.
It is not applicable to mixtures containing modacrylic fibres, nor to mixtures containing acetate fibres that have been deacetylated on the surface.

SIST/TC IŽNP Železniške naprave

SIST EN 15355:2019 SIST EN 15355:2008+A1:2010
2019-07 (po) (en;fr;de) 62 str. (K)
Železniške naprave - Zavore - Krmilni ventili in naprave za ločitev krmilnih ventilov od zavornega voda
Railway applications - Braking - Distributor valves and distributor-isolating devices
Osnova: EN 15355:2019
ICS: 45.040

This draft European Standard applies to distributor valves and distributor-isolating devices.
The distributor valves contained in this European Standard are of graduated release type. Direct release types are not included.
Functionally they are regarded as not containing relay valves of any type, even if the relay valves are physically an integral part of the distributor valves.
This European Standard applies to both distributor-isolating devices mounted separate from the distributor valve and distributor-isolating devices integral with the distributor valve.
This European Standard specifies the requirements for the design, testing and quality assurance of distributor valves and distributor-isolating devices.
The distributor valve and distributor-isolating device are intended to be part of a brake system mounted in a vehicle with maximum length of 31 m and maximum brake pipe volume of 25 l taking into consideration brake pipe inner diameters between 25 mm and 32 mm.

SIST EN 15610:2019 SIST EN 15610:2009
2019-07 (po) (en;fr;de) 36 str. (H)
Železniške naprave - Akustika - Merjenje valovitosti vozne površine tirnice in kolesa, ki povzroča hrup med vožnjo
Railway applications - Acoustics - Rail and wheel roughness measurement related to rolling noise generation
Osnova: EN 15610:2019
ICS: 45.080, 93.100, 17.140.30

This European Standard specifies a direct method for characterizing the surface roughness of the rail and wheel associated with rolling noise ("acoustic roughness"), in the form of a one-third octave band spectrum. This standard describes a method for:
a) selecting measuring positions along a track or selecting wheels of a vehicle;
b) selecting lateral positions for measurements;
c) the data acquisition procedure;
d) measurement data processing in order to estimate a set of one-third octave band roughness spectra;
e) presentation of this estimate for comparison with limits of acoustic roughness;
f) comparison with a given upper limit in terms of a one-third octave band wavelength spectrum;
g) the measuring system requirements.
It is applicable to:
a) the performance testing of reference track sections in relation to the acceptance test for noise emitted by railway vehicles;
b) the performance testing of track sections in relation to noise emitted by railway vehicles;
c) the acceptance of the running surface condition only in the case where the acoustic roughness is the acceptance criterion;
d) the assessment of the wheel surface condition as an input for the acoustic acceptance of brake blocks;
e) the assessment of the wheel and rail roughness as input to the calculation of combined wheel rail roughness;
f) the diagnosis of wheel-rail noise issues for specific tracks or wheels;
g) the assessment of the wheel and rail roughness as input to rolling noise modelling;
h) the assessment of the wheel and rail roughness as input to noise source separation methods.
It is not applicable to the:
a) measurement of roughness using an indirect method;
b) direct measurement of combined wheel-rail roughness;
c) analysis of the effect of wheel-rail interaction, such as a “contact filter”;

d) approval of rail and wheel reprofiling, including rail grinding operations, except for those where the acoustic roughness is specifically the approval criterion (and not the grinding quality criteria as provided in e.g. EN 13231);
e) characterisation of track and wheel geometry except where associated with noise generation.

SIST EN 16186-4:2019
2019-07 (po) (en;fr;de) 40 str. (H)
Železniške naprave - Voznikova kabina - 4. del: Postavitev in dostop
Railway applications - Driver's cab - Part 4: Layout and access
Osnova: EN 16186-4:2019
ICS: 45.060.10

This European standard gives design rules and guidance in order to ensure proper access, lighting; seating and exit of the driver's cab. The different dimensions are based on the anthropometric data defined in EN 16186-1. The corresponding assessment methods are also included in this standard. It covers the following aspects:
- dimension and interior layout;
- door access, steps, floor characteristics;
- seats dimension and clearance;
- interior cab lighting;
- emergency exit;
- marking and labelling.
This part of EN 16186 series applies to driver's cabs of Electrical Multiple Unit (EMU), Diesel Multiple unit (DMU), Railcars, Locomotives and Driving trailers (Driving Coaches).
NOTE 1 This European Standard applies to rolling stock in the scope of the Directive 2008/57/EC [6].
For OTMs, see EN 14033-1 [12] and EN 15746-1 [18].
This part of EN 16186 applies to driver's desks installed on the left, on the right, or in a central position in the driver's cab. Due to cab space and resulting desk integration constraints, desk layout can vary.
NOTE 2 Due to railway systems constraints, the level of comfort and accessibility provided to the persons outside the anthropometric range defined in EN 16186-1 may vary. Usually the operators manage the potential restrictions, if the driver uses extreme seat positions combined with extreme body heights.
This standard is not intended to be applicable for tramways, metro and light rail vehicles.

SIST EN 16834:2019
2019-07 (po) (en;fr;de) 84 str. (M)
Železniške naprave - Zavore - Značilnosti zavore
Railway applications - Braking - Brake performance
Osnova: EN 16834:2019
ICS: 45.040

This European Standard defines an harmonized way to assess the braking performance by test of locomotives, passenger coaches, freight wagons and self-propelled passenger trains (EMU/DMU).
The European Standard sets out the standardized method for undertaking brake performance tests and the correction factors to be applied to the data obtained for all types of rolling stock.
This European Standard also defines the methods to assess the brake performance in terms of stopping distance, and from this the process to determine vehicle(s) deceleration and brake weight.
It then deals with conversion of the brake weight to the brake weight percentage of a vehicle or train for operating purposes. It also sets out additional factors when determining the brake weight percentage of a train calculated from specified brake weight, depending on the formation of the train.
In Annex D there is a method for determining brake performance of freight wagons fitted with P10 cast iron using limited testing (force measurement).

SIST-TP CEN/TR 15654-3:2019
2019-07 (po) (en;fr;de) 33 str. (H)
Železniške naprave - Meritve vertikalnih kolesnih in osnih obremenitev - 3. del: Odobritev in preverjanje meritev na železniških vozilih med vožnjo
Railway applications - Measurement of vertical forces on wheels and wheelsets - Part 3: Approval and verification of on track measurement sites for vehicles in service
Osnova: CEN/TR 15654-3:2019
ICS: 45.060.01

This document is related to EN 15654-1, Railway applications - Measurement of vertical forces on wheels and wheelsets - Part 1: On-track measurement sites for vehicles in service, which lays down minimum technical requirements and the metrological characteristics of a system for measuring and evaluating a range of vehicle loading parameters during operation in service.
The aim of this document is to describe approval and verification procedures to validate the functional and metrological characteristics of measurement systems and confirm them over time.
The goal is to obtain the comparability and reproducibility of measurement results under different boundary conditions. To minimize the number of tests, the approval and verification procedures are divided into:
- type approval,
- initial verification,
- in-service verification.
The accuracy class of a measurement system depends on the measurement device, vehicle and track characteristics. Test procedures covering these influences are described to ensure reproducibility in all networks.
The procedures described in this document do not impose any restrictions on the design of measurement sites, on the types of vehicles that can be monitored, or on which networks or lines the measuring system can be installed.
The annexes include examples for test procedures, calculation of maximum permissible errors and statistical test methods.

SIST/TC KAT Karakterizacija tal, odpadkov in blata

SIST EN 12944-3:2019 SIST EN 12944-3:2002
2019-07 (po) (en;fr;de) 22 str. (F)
Gnojila in sredstva za apnjenje - Slovar - 3. del: Izrazi v zvezi s sredstvi za apnjenje
Fertilizers and liming materials - Vocabulary - Part 3: Terms relating to liming materials
Osnova: EN 12944-3:2019
ICS: 65.080, 01.040.65

This European Standard defines terms relating to liming materials.
An index of all terms defined in this part of EN 12944, with their French and German equivalents is given in Annex A.
A general index of all terms defined in all three parts of EN 12944, with their French and German equivalents, is given in Annex B.

SIST EN ISO 23753-1:2019 SIST EN ISO 23753-1:2011
2019-07 (po) (en;fr;de) 17 str. (E)
Kakovost tal - Določevanje aktivnosti dehidrogenaze v tleh - 1. del: Metoda s trifeniltetrazolijevim kloridom (TTC) (ISO 23753-1:2019)
Soil quality - Determination of dehydrogenases activity in soils - Part 1: Method using triphenyltetrazolium chloride (TTC) (ISO 23753-1:2019)
Osnova: EN ISO 23753-1:2019
ICS: 13.080.30

This document specifies a method for determining the activity of dehydrogenases enzymes in soil using 2,3,5-triphenyltetrazolium chloride (TTC).

SIST EN ISO 23753-2:2019 SIST EN ISO 23753-2:2011
2019-07 (po) (en;fr;de) 16 str. (D)
Kakovost tal - Določevanje aktivnosti dehidrogenaze v tleh - 2. del: Metoda z jodotetrazolijevim kloridom (INT) (ISO 23753-2:2019)
Soil quality - Determination of dehydrogenases activity in soils - Part 2: Method using iodotetrazolium chloride (INT) (ISO 23753-2:2019)
Osnova: EN ISO 23753-2:2019
ICS: 13.080.30

This document specifies a method for determining activity of dehydrogenases in soil, using 2-(4-iodophenyl)-3-(4-nitrophenyl)-5-phenyltetrazolium chloride (INT)[1]-[5]. As the INT reduction is less sensitive to O2, the method is more robust than the TTC-method described in ISO 23753-1.

SIST-TP CEN/TR 17309:2019
2019-07 (po) (en) 20 str. (E)
Preskusne metode za karakterizacijo trdnih matriksov z vidika okolja - Vodilo za preskušanje plamenišča
Test methods for environmental characterization of solid matrices - Guide to flash point testing
Osnova: CEN/TR 17309:2019
ICS: 13.220.40, 13.030.01

The flash point test can be summarised as a procedure where a test portion is introduced into a temperature controlled test cup and an ignition source is applied to the vapours produced by the test portion to determine if the vapour / air mixture is flammable or at what temperature the vapour / air mixture is flammable.
This document is not intended to be a comprehensive manual on flash point tests and the interpretation of test results, however it covers the key aspects on these subjects.

SIST-TP CEN/TR 17345:2019
2019-07 (po) (en) 25 str. (F)
Odpadki - Dokument o stanju tehnike - Določevanje halogenov in žvepla z ionsko kromatografijo po pirohidrolitskem sežigu
Waste - State-of-the-art document - Halogens and sulfur by oxidative pyrohydrolytic combustion followed by ion chromatography detection
Osnova: CEN/TR 17345:2019
ICS: 71.040.50, 13.030.01

This technical report provides a supplementary description of the oxidative pyrohydrolytic combustion technique followed by ion chromatography detection for the determination of halogens and sulfur in waste samples.

SIST-TS CEN/TS 17338:2019
2019-07 (po) (en;fr;de) 12 str. (C)
Sredstva za apnjenje - Določanje potrebe po apnjenju tal - Metoda z amonijevim acetatnim pufrom pH 5,5
Liming materials - Determination of the lime requirement in soil - Ammonium acetate buffer method pH 5,5
Osnova: CEN/TS 17338:2019
ICS: 65.080

This European Technical Specification specifies a method for the determination of the lime requirement of acid soils to target pH levels at requested time of maintenance as determined by reaction with 0,1 mol/l ammonium acetate pH 5,5.
Due to general soil buffering systems, the method is applicable to all soils which are acid enough to dissociate hydrogen ions from the soil colloid system to depress the pH of the buffer solution.

SIST/TC KAV Kakovost vode

SIST EN 17204:2019
2019-07 (po) (en;fr;de) 32 str. (G)
Kakovost vode - Navodilo za analizo mezozooplanktona v morskih in brakičnih vodah
Water quality - Guidance on analysis of mesozooplankton from marine and brackish water
Osnova: EN 17204:2019
ICS: 13.060.10, 13.060.70

This European standard specifies a procedure for analysing mesozooplankton in marine and brackish waters. The procedures comprise how to identify and enumerate zooplankton to estimate quantitative information on diversity, abundance and biomass with regard to spatial distribution and long-term temporal trends for a given body of water.

SIST EN 17218:2019
2019-07 (po) (en;fr;de) 29 str. (G)
Kakovost vode - Navodilo za vzorčenje mezozooplanktona v morskih in brakičnih vodah s pomočjo mrež
Water quality - Guidance on sampling of mesozooplankton from marine and brackish water using mesh
Osnova: EN 17218:2019
ICS: 13.060.10, 13.060.70

This document specifies a method for the sampling of mesozooplankton from marine and brackish waters using mesh.

SIST EN ISO 9698:2019 SIST EN ISO 9698:2015
SIST ISO 9698:2013
2019-07 (po) (en;fr;de) 34 str. (H)
Kakovost vode - Tritij - Preskusna metoda s štetjem s tekočinskim scintilatorjem (ISO 9698:2019)
Water quality - Tritium - Test method using liquid scintillation counting (ISO 9698:2019)
Osnova: EN ISO 9698:2019
ICS: 13.060.60

This document specifies a method by liquid scintillation counting for the determination of tritium activity concentration in samples of marine waters, surface waters, ground waters, rain waters, drinking waters or of tritiated water ([3H]H2O) in effluents.
The method is not directly applicable to the analysis of organically bound tritium; its determination requires additional chemical processing of the sample (such as chemical oxidation or combustion). With suitable technical conditions, the detection limit may be as low as 1 Bq·l−1. Tritium activity concentrations below 106 Bq·l−1 can be determined without any sample dilution.

SIST-TP CEN/TR 17244:2019
2019-07 (po) (en) 11 str. (C)
Kakovost vode - Tehnično poročilo o upravljanju z barkodami kremenastih alg
Water quality - Technical report for the management of diatom barcodes
Osnova: CEN/TR 17244:2018
ICS: 13.060.70

This technical report specifies the data and metadata necessary to validate the identity of a diatom barcode along with recommendations for storage of the barcode and metadata to ensure access to this information.

SIST-TP CEN/TR 17245:2019
2019-07 (po) (en) 8 str. (B)
Kakovost vode - Tehnično poročilo o rutinskem vzorčenju bentoških kremenastih alg v rekah in jezerih, prilagojeno za analize metabarkodiranja
Water quality - Technical report for the routine sampling of benthic diatoms from rivers and lakes adapted for metabarcoding analyses
Osnova: CEN/TR 17245:2018
ICS: 13.060.10, 13.060.70

This technical report specifies a method for the field sampling of benthic diatoms which will be then analysed by subsequent metabarcoding techniques for ecological status and water quality assessments. Data produced by this method are suitable for production of taxonomical diatom lists.

SIST/TC KAZ Kakovost zraka

SIST EN 689:2018+AC:2019 SIST EN 689:2018
2019-07 (po) (en;fr;de) 55 str. (J)
Izpostavljenost na delovnem mestu - Merjenje izpostavljenosti pri vdihavanju kemičnih agensov - Strategija preskušanja skladnosti z mejnimi vrednostmi za poklicno izpostavljenost (vključno s popravkom AC)
Workplace exposure - Measurement of exposure by inhalation to chemical agents - Strategy for testing compliance with occupational exposure limit values
Osnova: EN 689:2018+AC:2019
ICS: 13.040.30

This European Standard specifies a strategy to perform representative measurements of exposure by inhalation to chemical agents in order to demonstrate the compliance with occupational exposure limit values (OELVs).
This European Standard is not applicable to OELVs with reference periods less than 15 min.

SIST ISO 17179:2019
2019-07 (po) (en) 45 str. (I)
Emisije nepremičnih virov - Določevanje masne koncentracije amoniaka v odpadnih plinih - Delovne karakteristike avtomatskih merilnih sistemov
Stationary source emissions - Determination of the mass concentration of ammonia in flue gas - Performance characteristics of automated measuring systems
Osnova: ISO 17179:2016
ICS: 13.040.40

This International Standard specifies the fundamental structure and the most important performance characteristics of automated measuring systems for ammonia (NH_3) to be used on stationary source emissions, for example, combustion plants where SNCR/SCR NOx control systems (deNOx systems) are applied. The procedures to determine the performance characteristics are also specified. Furthermore, it describes methods and equipment to determine NH_3 in flue gases including the sampling system and sample gas conditioning system.
This International Standard describes extractive systems, based on direct and indirect measurement methods, and in situ systems, based on direct measurement methods, in connection with a range of analysers that operate using, for example, the following principles:

— ammonia conversion to, or reaction with NO, followed by chemiluminescence (CL) NOx difference measurement for ammonia (differential NOx);
— ammonia conversion to, or reaction with NO, followed by non-dispersive ultraviolet (NDUV) spectroscopy NOx difference measurement for ammonia (differential NOx);
— Fourier transform infrared (FTIR) spectroscopy;
— non-dispersive infrared (NDIR) spectroscopy with gas filter correlation (GFC);
— tuneable laser spectroscopy (TLS).
The method allows continuous monitoring with permanently installed measuring systems of NH3 emissions, and is applicable to measurements of NH3 in dry or wet flue gases, for process monitoring, long term monitoring of the performance of deNOx systems and/or emission monitoring.
Other equivalent instrumental methods can be used, provided they meet the minimum requirements proposed in this International Standard. The measuring system can be calibrated with certified gases, in accordance with this International Standard, or comparable methods.
The differential NOx technique using CL has been successfully tested on some power plants where the NOx concentration and NH3 concentration in flue gas after deNOx systems are up to 50 mg (NO)/m3 and 10 mg (NH3)/m3, respectively. AMS based on FTIR, NDIR with GFC and TLS has been used successfully in this application for measuring ranges as low as 10 mg (NH3)/m3.

SIST ISO 17211:2019
2019-07 (po) (en;fr) 30 str. (G)
Emisije nepremičnih virov - Vzorčenje in določevanje selenovih spojin v odpadnih plinih
Stationary source emissions - Sampling and determination of selenium compounds in flue gas
Osnova: ISO 17211:2015
ICS: 13.040.40

This International Standard describes the method for the sampling and determination of selenium compounds in both vapour phase and solid phase that are entrained in flue gases carried in stacks or ducts. The selenium content in flue gas is expressed as a mass concentration of elemental selenium in the stack gas.
Particulate and gaseous selenium compounds are captured by a filter and an absorber solution, respectively. The total concentration of selenium compounds in flue gas is expressed as the sum of both concentrations.
The concentrations of selenium in both samples are determined using inductively coupled plasma optical emission spectrometry (ICP-OES), inductively coupled plasma mass spectrometry (ICP-MS) or graphite furnace atomic absorption spectrometry (GFAAS). Hydride generation (HG) techniques coupled to atomic spectrometry can also be used such as HG-AAS, HG-AFS (atomic fluorescence spectrometry), HG-ICP-OES and HG-ICP-MS.
The detection limit for gaseous selenium compounds is 0,3 µg/m3 using HG-ICP-MS at a sampling volume of 0,12 m3. The detection limit for particulate selenium compounds is 0,001 2 µg/m3 using this technique at a sampling volume of 2,0 m3.

SIST ISO 18466:2019
2019-07 (po) (en) 30 str. (G)
Emisije nepremičnih virov - Določevanje biogenega deleža CO2 v odpadnih plinih z metodo izračuna
Stationary source emissions - Determination of the biogenic fraction in CO2 in stack gas using the balance method
Osnova: ISO 18466:2016
ICS: 13.040.40

This document enables the determination of the biogenic fraction in CO2 in stack gas using the balance method. The balance method uses a mathematical model that is based on different operating data of the Waste for Energy (WfE) plant (including stack gas composition) and information about the elementary composition of biogenic and fossil matter present in the fuel used.
NOTE Use only mixed fuels when using the calculation method.

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

SIST EN ISO 11930:2019 SIST EN ISO 11930:2012
2019-07 (po) (en;fr;de) 30 str. (G)
Kozmetika - Mikrobiologija - Vrednotenje protimikrobne zaščite kozmetičnih izdelkov (ISO 11930:2019)
Cosmetics - Microbiology - Evaluation of the antimicrobial protection of a cosmetic product (ISO 11930:2019)
Osnova: EN ISO 11930:2019
ICS: 71.100.70, 07.100.40

This document specifies a procedure for the interpretation of data generated by the preservation efficacy test or by the microbiological risk assessment, or both, when evaluating the overall antimicrobial protection of a cosmetic product.
It comprises:
— a preservation efficacy test;
— a procedure for evaluating the overall antimicrobial protection of a cosmetic product that is not considered low risk, based on a risk assessment described in ISO 29621.
The preservation efficacy test is a reference method to evaluate the preservation of a cosmetic formulation. It is applicable to cosmetic products in the marketplace.
This test does not apply to those cosmetic products for which the microbiological risk has been determined to be low according to Annex A and ISO 29621.
This test is primarily designed for water-soluble or water-miscible cosmetic products and can be used with modification to test products in which water is the internal (discontinuous) phase.
NOTE This test can be used as a guideline to establish a development method during the development cycle of cosmetic products. In this case, the test can be modified or extended, or both, for example, to make allowance for prior data and different variables (microbial strains, media, incubation conditions exposure time, etc.).
Compliance criteria can be adapted to specific objectives. During the development stage of cosmetic products, other methods, where relevant, can be used to determine the preservation efficacy of formulations.

SIST/TC KON Konstrukcije

SIST EN 1090-3:2019
2019-07 (po) (en;fr;de) 127 str. (O)
Izvedba jeklenih in aluminijastih konstrukcij - 3. del: Tehnične zahteve za aluminijaste konstrukcije
Execution of steel structures and aluminium structures - Part 3: Technical requirements for aluminium structures
Osnova: EN 1090-3:2019
ICS: 91.080.17, 91.080.10

This European Standard specifies requirements for the execution of aluminium structural components and structures made from:
a) rolled sheet, strip and plate;
b) extrusions;
c) cold drawn rod, bar and tube;
d) forgings;
e) castings.
NOTE 1 The execution of structural components is referred to as manufacturing, in accordance with EN 1090-1.
This European Standard specifies requirements independent of the type and shape of the aluminium structure, and this European Standard is applicable to structures under predominantly static loads as well as structures subject to fatigue. It specifies requirements related to the execution classes that are linked

with consequence classes.
NOTE 2 Consequence classes are defined in EN 1990.
NOTE 3 Recommendations for selection of execution class in relation to consequence class are given in EN 1999-1-1.
This European Standard covers components made of constituent products with thickness not less than 0,6 mm for welded components not less than 1,5 mm.
For components made from cold formed profiled sheeting that are within the scope of FprEN 1090-5, the requirements of FprEN 1090-5 take precedence over corresponding requirements in this EN.
This European Standard applies to structures designed according to the relevant parts of EN 1999. If this European Standard is used for structures designed according to other design rules or used for other alloys and tempers not covered by EN 1999, a judgement of the reliability elements in these design rules should be made. This European Standard specifies requirements for surface preparation prior to application of a protective treatment, and gives guidelines for application for such treatment in an informative annex.
This European Standard gives options for specifying requirements to match project specific requirements.
This European Standard is also applicable to temporary aluminium structures.

SIST/TC KŽP Kmetijski pridelki in živilski proizvodi

SIST EN 14110:2019 SIST EN 14110:2003
2019-07 (po) (en;fr;de) 13 str. (D)
Maščobni in oljni derivati - Metilni estri maščobnih kislin (FAME) - Določevanje metanola
Fat and oil derivatives - Fatty Acid Methyl Esters - Determination of methanol content
Osnova: EN 14110:2019
ICS: 67.200.10

This European Standard specifies a method for the determination of methanol content in fatty acid methyl esters (FAME) for use as diesel fuel and domestic heating fuel. The method is applicable for a concentration range from 0,01 % to 0,5 % (m/m) methanol. The method is not applicable to mixtures of FAME which contain other low boiling components.

SIST EN ISO 20976-1:2019
2019-07 (po) (en) 37 str. (H)
Mikrobiologija v prehranski verigi - Zahteve in smernice za vodenje izzivnega preskusa pri kmetijskih pridelkih in živilskih proizvodih - 1. del: Izzivni preskus za potencial rasti, čas prilagajanja in najvišjo stopnjo rasti (ISO 20976-1:2019)
Microbiology of the food chain - Requirements and guidelines for conducting challenge tests of food and feed products - Part 1: Challenge tests to study growth potential, lag time and maximum growth rate (ISO 20976-1:2019)
Osnova: EN ISO 20976-1:2019
ICS: 07.100.30

This document specifies protocols for conducting microbiological challenge tests for growth studies on vegetative and spore-forming bacteria in raw materials and intermediate or end products.
The use of this document can be extended to yeasts that do not form mycelium.

SIST-TS CEN/TS 17329-1:2019
2019-07 (po) (en;fr;de) 21 str. (F)
Živila - Splošne smernice za validacijo kvalitativnih metod PCR v realnem času - 1. del: Validacija v posameznem laboratoriju
Foodstuffs - General guidelines for the validation of qualitative real-time PCR methods - Part 1: Single-laboratory validation
Osnova: CEN/TS 17329-1:2019
ICS: 67.050

This document describes the performance characteristics and minimum performance criteria which should be taken into account when conducting a single-laboratory validation study for qualitative (binary) real-time polymerase chain reaction (PCR) methods applied for the detection of specific DNA sequences present in foods. The protocol was developed for qualitative real-time PCR methods for the detection of DNA sequences derived from genetically modified foodstuffs. It is applicable also for single-laboratory validation of qualitative PCR methods used for analysis of other food materials, e.g. for species detection and identification.
The document does not cover the evaluation of the applicability and the practicability with respect to the specific scope of the PCR method.

SIST-TS CEN/TS 17329-2:2019
2019-07 (po) (en;fr;de) 23 str. (F)
Živila - Splošne smernice za validacijo kvalitativnih metod PCR v realnem času - 2. del: Medlaboratorijska študija
Foodstuffs - General guidelines for the validation of qualitative real-time PCR methods - Part 2: Collaborative study
Osnova: CEN/TS 17329-2:2019
ICS: 67.050

This document provides information on how the performance characteristics of qualitative (binary) real-time polymerase chain reaction (PCR) methods for detection of specific DNA sequences present in foods should be evaluated and validated by conducting a collaborative study.
The guidelines are applicable for validation of qualitative PCR methods used for detection of DNA sequences derived from genetically modified foodstuffs. They can be applicable also for PCR methods used for detection of other target sequences in foodstuffs, e.g. for species detection and identification.

SIST/TC LLZ Les, lesni izdelki in zaščita lesa

SIST EN 17009:2019
2019-07 (po) (en;fr;de) 45 str. (I)
Talne obloge iz nelesnih lignificiranih materialov - Lastnosti, ocenjevanje in preverjanje nespremenljivosti lastnosti ter označevanje
Flooring of lignified materials other than wood - Characteristics, assessment and verification of constancy of performance and marking
Osnova: EN 17009:2019
ICS: 97.150

This European Standard defines and specifies the relevant characteristics, requirements and appropriate test methods for determination of the suitability of floorings made with at least a top layer of lignified material other than wood for use as internal flooring including in fully enclosed public transport premises.
The European Standards for specific flooring products made of lignified material other than wood to which this European Standard applies, and which provide product definitions, requirements for dimensional tolerances and other technical specifications, are the following:
- Bamboo flooring products (EN YYYYY),
- Palm flooring products (EN ZZZZZ).
This European Standard provides also for the assessment and verification of constancy of performance and the requirements for marking these products. his European Standard covers flooring products made of lignified material other than wood which may or may not be treated to improve their reaction to fire performance or their durability against biological agents.
This European Standard does not apply to:
- flooring products specifically manufactured for enhanced tactile and recognition,
- wood flooring products covered by EN 14342,
- laminate flooring products covered by EN 14041.

SIST/TC MEE Oprema za merjenje električne energije in krmiljenje obremenitve

SIST EN IEC 62056-8-4:2019
2019-07 (po) (en) 83 str. (M)
Izmenjava podatkov meritev električne energije - Niz DLMS/COSEM - 8-4. del: Komunikacijski profil za ozkopasovna OFDM PLC PRIME sosedska omrežja
Electricity metering data exchange - The DLMS/COSEM suite - Part 8-4: Communication profiles for narrow-band OFDM PLC PRIME neighbourhood networks
Osnova: EN IEC 62056-8-4:2019
ICS: 91.140.50, 35.240.50, 17.220.20

This part of IEC 62056 specifies DLMS/COSEM communication profiles for narrow-band OFDM power line carrier PRIME neighbourhood networks using the modulation as specified in Recommendation ITU-T G.9904:2012.
Three communication profiles are specified:
• a profile using the IEC 61334-4-32 LLC layer;
• a profile using TCP-UDP/IPv4;
• a profile using TCP-UDP/IPv6.

SIST/TC MOC Mobilne komunikacije

SIST EN 302 636-5-1 V2.2.1:2019
2019-07 (po) (en) 18 str. (E)
Inteligentni transportni sistemi (ITS) - Komunikacije med vozili - Geomreženje - 5. del: Transportni protokoli - 1. poddel: Osnovni transportni protokol
Intelligent Transport Systems (ITS) - Vehicular Communications - GeoNetworking - Part 5: Transport Protocols - Sub-part 1: Basic Transport Protocol
Osnova: ETSI EN 302 636-5-1 V2.2.1 (2019-05)
ICS: 35.240.60

The present document specifies the Basic Transport Protocol (BTP) for the transport of packets among ITS stations. It resides on top of the GeoNetworking protocol specified in ETSI EN 302 636-4-1 [5] and below the ITS-S facilities layer. It provides an end-to-end, connection-less and unreliable transport service.

SIST EN 50377-18-1:2019
2019-07 (po) (en) 27 str. (G)
Konektorski sestavi in povezovalne komponente za uporabo v optičnih komunikacijskih sistemih - Specifikacije izdelka - 18-1. del: Sprejemnik/oddajnik tipa 4+4x10.3125 Gb/s MPO (QFSP) s konektorjem MPO, ki je opremljen z 12 vlakenskimi tulkami PPS, zaključenimi na 50/125 mikronskem večrodnem vlaknu kategorije A1a.3a ali A1a.3b po standardu EN 60793-2-10
Connector sets and interconnect components to be used in optical fibre communication systems - Product specifications - Part 18-1: type 4+4x10.3125 Gb/s MPO (QFSP) transceiver mated with an MPO connector equipped with 12 fibre PPS ferrules terminated on EN 60793-2-10 category A1a.3a or A1a.3b 50/125 micron multimode fibre
Osnova: EN 50377-18-1:2019
ICS: 33.180.20

1.1 Product definition
This European Standard contains the initial, start of life dimensional, optical, mechanical and environmental performance requirements (excluding electrical requirements) for a 12 fibre multimode PPS MPO plug terminated on EN 60793 2 10 category A1a.3a or A1a.3b fibre and a 4+4x10,3125 Gb/s MPO (QFSP) transceiver to meet in order to be categorized as an EN standard product.

Since different variants are permitted, product marking details are given in 4.6.
1.2 Intermateability
All products conforming to the requirements of this standard are meant to be intermate and give the specified level of random coupled and received power performance. The intention is that this will be true irrespective of the manufacturing source(s) of the product.
1.3 Operating environment
The tests selected combined with the severity and duration are representative of a backplane/back panel indoor application derived from customer premises protected environment as defined in EN 50173 series and ISO/IEC 11801 and as specified in category C per EN 61753 1 typically described as a data centre environment.
1.4 Reliability
Whilst the anticipated service life expectancy of the product in this environment is 10 years, compliance with this standard does not guarantee the reliability of the product. This should be predicted using a recognized reliability assessment programme.
1.5 Quality assurance
Compliance with this standard does not guarantee the manufacturing consistency of the product. This should be maintained using a recognized quality assurance programme.

SIST EN IEC 60793-1-40:2019 SIST EN 60793-1-40:2004
2019-07 (po) (en) 36 str. (H)
Optična vlakna - 1-40. del: Metode merjenja slabljenja (IEC 60793-1-40:2019)
Optical fibres - Part 1-40: Attenuation measurement methods (IEC 60793-1-40:2019)
Osnova: EN IEC 60793-1-40:2019
ICS: 33.180.10

1.1 Product definition
This European Standard contains the initial, start of life dimensional, optical, mechanical and environmental performance requirements (excluding electrical requirements) for a 12 fibre multimode PPS MPO plug terminated on EN 60793 2 10 category A1a.3a or A1a.3b fibre and a 4+4x10,3125 Gb/s MPO (QFSP) transceiver to meet in order to be categorized as an EN standard product.
Since different variants are permitted, product marking details are given in 4.6.
1.2 Intermateability
All products conforming to the requirements of this standard are meant to be intermate and give the specified level of random coupled and received power performance. The intention is that this will be true irrespective of the manufacturing source(s) of the product.
1.3 Operating environment
The tests selected combined with the severity and duration are representative of a backplane/back panel indoor application derived from customer premises protected environment as defined in EN 50173 series and ISO/IEC 11801 and as specified in category C per EN 61753 1 typically described as a data centre environment.
1.4 Reliability
Whilst the anticipated service life expectancy of the product in this environment is 10 years, compliance with this standard does not guarantee the reliability of the product. This should be predicted using a recognized reliability assessment programme.
1.5 Quality assurance
Compliance with this standard does not guarantee the manufacturing consistency of the product. This should be maintained using a recognized quality assurance programme.

SIST EN IEC 60794-2-30:2019 SIST EN 60794-2-30:2009
2019-07 (po) (en) 25 str. (F)
Optični kabli - 2-30. del: Notranji kabli - Skupinska specifikacija za trakaste kable iz optičnih vlaken za zaključene kabelske sestave (IEC 60794-2-30:2019)
Optical fibre cables - Part 2-30: Indoor cables - Family specification for optical fibre ribbon cables for use in terminated cable assemblies (IEC 60794-2-30:2019)
Osnova: EN IEC 60794-2-30:2019
ICS: 33.180.10

This part of IEC 60794 is a family specification which covers indoor optical fibre ribbon cables for use in terminated cable assemblies. The requirements of the sectional specification IEC 60794-2 are applicable to cables covered by this document.
The requirements of this document are written to define flat ribbon cables. This document can be applicable to other cable constructions. Parts of IEC 60794-3 which are applicable for ribbon tests are the subject of IEC 60794-1-31.
Annex B contains requirements that supersede the normal requirements in case the cables are intended to be used in installation governed by the MICE table of ISO 11801-3 [4]1.

SIST EN IEC 61300-2-46:2019 SIST EN 61300-2-46:2007
2019-07 (po) (en) 15 str. (D)
Optični spojni elementi in pasivne komponente - Osnovni preskusni in merilni postopki - 2-46. del: Preskusi - Ciklična vlažna vročina (IEC 61300-2-46:2019)
Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-46: Tests - Damp heat, cyclic (IEC 61300-2-46:2019)
Osnova: EN IEC 61300-2-46:2019
ICS: 33.180.20

This fifth part of ETS 300 138 specifies the Test Suite Structure and Test Purposes (TSS&TP) for the Network side of the T reference point or coincident S and T reference point (as defined in ITU-T Recommendation I.411 [6]) of implementations conforming to the stage three standard for the Closed User Group (CUG) supplementary service for the pan-European Integrated Services Digital Network (ISDN) by means of the Digital Subscriber Signalling System No. one (DSS1) protocol, ETS 300 138-1 [1].
A further part of this ETS specifies the Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma based on this ETS. Other parts specify the TSS&TP and the ATS and partial PIXIT proforma for the User side of the T reference point or coincident S and T reference point of implementations conforming to ETS 300 138-1 [1].

SIST EN IEC 61315:2019 SIST EN 61315:2006
2019-07 (po) (en) 46 str. (I)
Umerjanje optičnih vlakenskih merilnikov moči (IEC 61315:2019)
Calibration of fibre-optic power meters (IEC 61315:2019)
Osnova: EN IEC 61315:2019
ICS: 33.180.10, 33.140

This document is applicable to instruments measuring *radiant power* emitted from sources that are typical for the fibre-optic communications industry. These sources include laser diodes, light emitting diodes (LEDs) and fibre-type sources. Both divergent and collimated radiations are covered. This document defines the *calibration* of power meters to be performed by *calibration* laboratories or by power meter manufacturers.

SIST EN IEC 62148-21:2019
2019-07 (po) (en) 16 str. (D)
Aktivne optične komponente in naprave - Standardi za ohišja in vmesnike - 21. del: Vodilo za načrtovanje električnega vmesnika za PIC-ohišja, ki uporabljajo silicijev fini raster mreže krogličnih priključkov (S-FBGA) in silicijev fini raster mreže priključkov v ravnini (S-FLGA) (IEC 62148-21:2019)
Fibre optic active components and devices - Package and interface standards - Part 21: Design guide of electrical interface of PIC packages using Silicon Fine-pitch Ball Grid Array (S-FBGA) and Silicon Fine-pitch Land Grid Array (S-FLGA) (IEC 62148-21:2019)
Osnova: EN IEC 62148-21:2019
ICS: 33.180.20

This part of IEC 62148 covers the design guide of the electrical interface for photonic integrated circuit (PIC) packages using silicon fine-pitch ball grid array (S-FBGA) and silicon fine-pitch land grid array (S-FLGA). In this document, the electrical interface for the S-FBGA package is informative.
The purpose of this document is to specify adequately the electrical interface of PIC packages composed of optical transmitters and receivers that enable mechanical and electrical interchangeability of PIC packages.

SIST EN IEC 62343-1:2019 SIST EN 62343-1:2016
2019-07 (po) (en) 12 str. (C)
Dinamični moduli - 1. del: Tehnični standardi - Splošni pogoji (IEC 62343-1:2019)
Dynamic modules - Part 1: Performance standards - General conditions (IEC 62343-1:2019)
Osnova: EN IEC 62343-1:2019
ICS: 33.180.01

IEC 62343-1:2016(E) provides a performance standard of general conditions for dynamic modules. All dynamic modules should satisfy required performance defined in individual performance standards on the general conditions defined in this document. Additional conditions may be included in individual performance standards.

SIST EN IEC 62496-4-1:2019
2019-07 (po) (en) 14 str. (D)
Plošče z optičnimi vezji - 4-1. del: Standardi za vmesnike - Sestav OCB z valovodom, zaključenim z enorednimi dvanajstkanalnimi PMT konektorji (IEC 62496-4-1:2019)
Optical circuit boards - Part 4-1: Interface standards - Terminated waveguide OCB assembly using single-row twelve-channel PMT connectors (IEC 62496-4-1:2019)
Osnova: EN IEC 62496-4-1:2019
ICS: 31.180, 33.180.01

This part of IEC 62496-4 defines the standard interface dimensions for a terminated waveguide optical circuit board (OCB) assembly (referred to simply as assembly) using single-row twelvechannel polymer waveguides for a PMT connector and a waveguide OCB that can be interconnected with a terminated MT ferrule.

SIST/TC MOV Merilna oprema za elektromagnetne veličine

SIST EN 61010-1:2010/A1:2019
2019-07 (po) (en;fr;de) 37 str. (H)
Varnostne zahteve za električno opremo za meritve, nadzor in laboratorijsko uporabo - 1. del: Splošne zahteve (IEC 61010-1:2010/A1:2016, spremenjen)
Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements (IEC 61010-1:2010/A1:2016 , modified)
Osnova: EN 61010-1:2010/A1:2019
ICS: 71.040.10, 19.080

Dopolnilo A1:2019 je dodatek k standardu SIST EN 61010-1:2010.

SIST EN 61010-1:2010/A1:2019/AC:2019
2019-07 (po) (en;fr;de) 4 str. (AC)
Varnostne zahteve za električno opremo za meritve, nadzor in laboratorijsko uporabo - 1. del: Splošne zahteve (IEC 61010-1:2010/A1:2016/COR1:2019)
Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements (IEC 61010-1:2010/A1:2016/COR1:2019)
Osnova: EN 61010-1:2010/A1:2019/AC:2019-04
ICS: 71.040.10, 19.080

Popravek k standardu SIST EN 61010-1:2010/A1:2019.

SIST EN 62747:2014/A1:2019
2019-07 (po) (en;fr;de) 8 str. (B)
Terminologija za napetostne pretvornike (VSC) za visokonapetostne enosmerne sisteme
Terminology for voltage-sourced converters (VSC) for high-voltage direct current (HVDC) systems
Osnova: EN 62747:2014/A1:2019
ICS: 01.040.29, 29.200

Dopolnilo A1:2019 je dodatek k standardu SIST EN 62747:2014.

SIST EN IEC 60204-11:2019 SIST EN 60204-11:2001
2019-07 (po) (en;fr;de) 64 str. (K)
Varnost strojev - Električna oprema strojev - 11. del: Zahteve za VN opremo za napetosti nad 1000 V a.c. ali 1500 V d.c., vendar ne nad 36 kV (IEC 60204-11:2018)
Safety of machinery - Electrical equipment of machines – Part 11: Requirements for equipment for voltages above 1 000 V AC or 1 500 V DC and not exceeding 36 kV (IEC 60204-11:2018)
Osnova: EN IEC 60204-11:2019
ICS: 13.110

This part of IEC 60204 applies to electrical and electronic equipment and systems to machines, including a group of machines working together in a co-ordinated manner, which operate at nominal voltages above 1 000 V AC or 1 500 V DC and not exceeding 36 kV AC or DC with nominal frequencies not exceeding 60 Hz.
In this document, the term HV equipment also covers the LV equipment forming an integral part of the equipment operating at high voltage. The requirements in this document primarily cover the parts operating at high-voltage except where explicitly stated otherwise.
NOTE 1 LV equipment not forming part of the HV equipment is covered by IEC 60204-1:2016.
NOTE 2 In this document, the term "electrical" includes both electrical and electronic matters (i.e. electrical equipment means both the electrical and the electronic equipment).
NOTE 3 This document does not apply to independent high-voltage power supply installations for which

separate IEC standards exist.
The electrical equipment covered by this document commences at the point of connection of the supply to the electrical equipment of the machine (see 5.1).
NOTE 4 For the requirements for high-voltage power supply installations, see IEC 61936-1. This document is a generic safety standard. It does not cover all the requirements (e.g. guarding, interlocking or control) which are needed or required by other standards or regulations in order to safeguard personnel from hazards other than electrical hazards. Each type of machine has unique requirements to be accommodated to provide adequate safety.
NOTE 5 In some machines the high-voltage power supply can be produced by a step-up transformer (autotransformer), supplied by a low-voltage system (e.g. by a LV generator).
NOTE 6 In the context of this document, the term "person" refers to any individual; "personnel" are those persons who are assigned and instructed by the user or his agent(s) in the use and care of the machine in question.
This part of IEC 60204 specifically includes, but is not limited to, machines as defined in 3.29
(Annex A lists examples of machines whose electrical equipment can be covered by this document).
For protection against electric shock from high-voltage equipment, this document refers to IEC 61936-1.
When it comes to low-voltage equipment, this document refers to IEC 602041: 2016.
NOTE 7 High- and low-voltage standards use different terms regarding protection against electric shock. Whereas high-voltage standards use the terms “direct contact” and “indirect contact”, low-voltage standards correspondingly use “basic protection” and “fault protection”.
Additional and special requirements can apply to the electrical equipment of machines that
– are used in the open air (i.e. outside buildings or other protective structures);
– use, process or produce potentially explosive material (e.g. paint or sawdust);
– are used in potentially explosive and/or flammable atmospheres;
– have special risks when producing or using certain materials;
– are used in mines.
Hazards as a result of noise and vibration are excluded from the scope of this document.

SIST EN IEC 60534-3-1:2019 SIST EN 60534-3-1:2001
2019-07 (po) (en;fr;de) 16 str. (D)
Regulacijski ventili za industrijske procese - 3-1. del: Mere - Vgradne mere za pririobnice, dvopotne, kroglastega tipa, ravne in vgradne mere za središčne - pririobnice, dvopotnih, krogelnih, kotnih regulacijskih ventilov (IEC 60534-3-1:2019)
Industrial-process control valves - Part 3-1: Dimensions - Face-to-face dimensions for flanged, two-way, globe-type, straight pattern and centre-to-face dimensions for flanged, two-way, globe-type, angle pattern control valves (IEC 60534-3-1:2019)
Osnova: EN IEC 60534-3-1:2019
ICS: 23.060.40, 25.040.40

This part of IEC 60534 specifies face-to-face (FTF) and centre-to-face (CTF) dimensions for given nominal sizes and pressure ratings of flanged, two-way, globe-type, straight pattern and angle pattern control valves. The nominal sizes included are DN 15 to DN 400 for straight pattern control valves and DN 15 to DN 400 for angle pattern control valves.

SIST EN IEC 60746-4:2019
2019-07 (po) (en;fr;de) 28 str. (G)
Izražanje lastnosti elektrokemičnih analizatorjev - 4. del: Raztopljeni kisik v vodi merjen z membranskimi amperometričenimi celicami (IEC 60746-4:2018)
Expression of performance of electrochemical analyzers - Part 4: Dissolved oxygen in water measured by membrane covered amperometric sensors (IEC 60746-4:2018)
Osnova: EN IEC 60746-4:2019
ICS: 19.080, 71.040.10

This part of IEC 60746 is intended:
• to specify terminology, definitions and requirements for statements by manufacturers for analyzers, sensor units and electronic units used for the determination of dissolved oxygen partial pressure or concentration;
• to establish performance tests for such analyzers, sensor units and electronic units;
• to provide basic documents to support the applications of quality assurance standards [1]1.
This document applies to analyzers using membrane covered amperometric sensors. It applies to analyzers suitable for use in water containing liquids, ultrapure waters, fresh or potable water, sea water or other aqueous solutions, industrial or municipal waste water from water bodies (e.g. lakes, rivers, estuaries), as well as for industrial process streams and process liquids. Whilst in principle amperometric oxygen-analyzers are applicable in gaseous phases, the expression of performance in the gas phase is outside the scope of this document.
This document is applicable to analyzers specified for permanent installation in any location (indoors or outdoors) using membrane-covered amperometric sensors.

SIST EN IEC 61918:2019/AC:2019
2019-07 (po) (en;fr;de) 1 str. (AC)
Industrijska komunikacijska omrežja - Inštalacija komunikacijskih omrežij v industrijskih okoljih
Industrial communication networks - Installation of communication networks in industrial premises
Osnova: EN IEC 61918:2018/AC:2019-03
ICS: 35.110, 25.040.40

Popravek k standardu SIST EN IEC 61918:2019.

SIST-TP CLC/TR IEC 62453-41:2019 SIST-TP CLC/TR 62453-41:2010
2019-07 (po) (en;fr;de) 329 str. (V)
Specifikacija vmesnika orodja procesne naprave - 41. del: Integracija profila modela objekta - Skupni model objekta (IEC TR 62453-41:2016)
Field device tool (FDT) interface specification - Part 41: Object model integration profile - Common object model (IEC TR 62453-41:2016)
Osnova: CLC/TR IEC 62453-41:2019
ICS: 35.240.50, 25.040.40

This part of IEC 62453, which is a Technical report, defines how the common FDT principles are implemented based on the MS COM technology, including the object behavior and object interaction via COM interfaces.
This part specifies the technology specific implementation of the protocol specific functionality and communication services.
This part of IEC 62453 is informative, however when this part is applied its requirements shall be implemented as specified.
This part specifies FDT version 1.2.1.

SIST-TP CLC/TR IEC 62453-42:2019
2019-07 (po) (en;fr;de) 345 str. (V)
Specifikacija vmesnika orodja procesne naprave - 42. del: Integracija profila modela objekta - Skupna jezikovna infrastruktura (IEC TR 62453-42:2016)
Field device tool (FDT) interface specification - Part 42: Object model integration profile - Common Language Infrastructure (IEC TR 62453-42:2016)
Osnova: CLC/TR IEC 62453-42:2019
ICS: 35.240.50, 25.040.40

This part of IEC 62453, which is a technical report, defines how the common FDT principles are implemented based on the .NET technology, including the object behaviour and object interaction via .NET interfaces. This document specifies FDT version 2.0.

SIST-TP CLC/TR IEC 62453-51-10:2019
2019-07 (po) (en;fr;de) 83 str. (M)
Specifikacija vmesnika orodja procesne naprave - 51-10. del: Implementacija komunikacije za skupni model objekta - IEC 61784 CPF 1 (IEC/TR 62453-51-10:2017)
Field device tool (FDT) interface specification - Part 51-10: Communication implementation for common object model – IEC 61784 CPF 1 (IEC/TR 62453-51-10:2017)
Osnova: CLC/TR IEC 62453-51-10:2019
ICS: 35.240.50, 25.040.40

This part of the IEC 62453-51, which is a Technical Report, provides additional information for integrating the Foundation' Fieldbus (FF) protocol into the COM-based implementation of the FDT Specification (IEC TR 62453-41).
This document describes communication definitions, protocol specific extensions and the means for block (e.g. transducer, resource or function blocks) representation.

SIST-TP CLC/TR IEC 62453-62:2019
2019-07 (po) (en;fr;de) 45 str. (I)
Specifikacija vmesnika orodja procesne naprave - 62. del: Specifikacija vmesnika orodja procesne naprave za slogovno vodilo za skupno jezikovno infrastrukturo (IEC TR 62453-62:2017)
Field device tool (FDT) interface specification - Part 62: Field device tool (FDT) styleguide for common language infrastructure (IEC TR 62453-62:2017)
Osnova: CLC/TR IEC 62453-62:2019
ICS: 35.240.50, 25.040.40

IEC TR 62453-62, which is a Technical Report, explains the guidelines and rules for the CLI based implementation of a Device Type Manager (DTM) and parts of a Frame Application with regard to the user interface and its behaviour. These guidelines and rules are part of the FDT specification (IEC TR 62453 42) and are intended to ensure that all users are provided with clear and consistent user interface functions and features across DTMs in a system.
This specification neither contains the FDT specification nor modifies it.

SIST/TC NAD Naftni proizvodi, maziva in sorodni proizvodi

SIST EN 12916:2019 SIST EN 12916:2016
2019-07 (po) (en;fr;de) 20 str. (E)
Naftni proizvodi - Določevanje aromatskih ogljikovodikov v srednjih destilatih - Metoda tekočinske kromatografije visoke ločljivosti z detekcijo lomnega količnika
Petroleum products - Determination of aromatic hydrocarbon types in middle distillates - High performance liquid chromatography method with refractive index detection
Osnova: EN 12916:2019
ICS: 71.040.50, 75.080

This European Standard specifies a test method for the determination of the content of mono-aromatic, di-aromatic and tri+-aromatic hydrocarbons in diesel fuels that may contain fatty acid methyl esters (FAME) up to 30 % (V/V), in paraffinic diesel fuels that may contain fatty acid methyl esters (FAME) up to 7 % (V/V) and petroleum distillates in the boiling range from 150 °C to 400 °C. The polycyclic aromatic hydrocarbons content is calculated from the sum of di-aromatic and tri+-aromatic hydrocarbons and the total content of aromatic compounds is calculated from the sum of the individual aromatic hydrocarbon types.
Compounds containing sulfur, nitrogen and oxygen can interfere in the determination; mono-alkenes do not interfere, but conjugated di-alkenes and poly-alkenes, if present, may do so.
The precision statement of the procedure A, for regular distillates, has been established for diesel fuels with and without FAME blending components, with a mono-aromatic content in the range from 6 % (m/m) to 30 % (m/m), a di-aromatic content from 1 % (m/m) to 10 % (m/m), a tri+-aromatic content

from 0 % (m/m) to 2 % (m/m), a polycyclic aromatic content from 1 % (m/m) to 12 % (m/m), and a total aromatic content from 7 % (m/m) to 42 % (m/m). The precision statement of the procedure B, for non-aromatic distillates, has been established for diesel fuels, with and without FAME blending components, with a mono-aromatic content in the range from 0,2 % (m/m) to 1,8 % (m/m), di-aromatic and polycyclic aromatic contents around 0,1 % (m/m), and a total aromatic content from 0,2 % (m/m) to 2 % (m/m).

SIST EN 14214:2012+A2:2019/A101:2019 SIST EN 14214:2012+A1:2014/A101:2014
2019-07 (izv) (sl) 4 str. (SA)
Tekoči naftni proizvodi - Metilni estri maščobnih kislin (FAME) za dizelske motorje in ogrevanje - Zahteve in preskusne metode - Dopolnilo A101
Liquid petroleum products - Fatty acid methyl esters (FAME) for use in diesel engines and heating applications - Requirements and test methods
Osnova:
ICS: 75.160.20

Dopolnilo A101:2019 je dodatek k standardu SIST EN 14214:2012+A2:2019.

SIST EN ISO 3015:2019 SIST EN 23015:1998
2019-07 (po) (en;fr;de) 16 str. (D)
Naftni in sorodni proizvodi iz naravnih ali sintetičnih virov - Določevanje motnišča (ISO 3015:2019)
Petroleum and related products from natural or synthetic sources - Determination of cloud point (ISO 3015:2019)
Osnova: EN ISO 3015:2019
ICS: 75.080

This document specifies a method for the determination of the cloud point of petroleum products which are transparent in layers 40 mm in thickness and have a cloud point below 49 °C, amongst which are diesel fuels with up to 30 % (V/V) of fatty acid methyl ester (FAME)[2], paraffinic diesel fuels with up to 7 % (V/V) FAME[3], 100 % FAME[5] and lubricants.
NOTE For the purposes of this document, the term "% (V/V)" is used to represent the volume fraction (φ) of a material.

SIST EN ISO 3016:2019 SIST ISO 3016:1996
2019-07 (po) (en;fr;de) 19 str. (E)
Naftni in sorodni proizvodi iz naravnih ali sintetičnih virov - Določevanje točke tečenja (ISO 3016:2019)
Petroleum and related products from natural or synthetic sources - Determination of pour point (ISO 3016:2019)
Osnova: EN ISO 3016:2019
ICS: 75.080

This document specifies a method for the determination of the pour point of petroleum products. A separate procedure suitable for the determination of the lower pour point of fuel oils, heavy lubricant base stock, and products containing residual fuel components is also described.

SIST EN ISO 3405:2019 SIST EN ISO 3405:2011
2019-07 (po) (en;fr;de) 48 str. (I)
Naftni in sorodni proizvodi iz naravnih ali sintetičnih virov - Določevanje destilacijskih značilnosti pri atmosferskem tlaku (ISO 3405:2019)
Petroleum and related products from natural or synthetic sources - Determination of distillation characteristics at atmospheric pressure (ISO 3405:2019)
Osnova: EN ISO 3405:2019
ICS: 75.080

This document specifies a laboratory method for the determination of the distillation characteristics of light and middle distillates derived from petroleum and related products of synthetic or biological origin with initial boiling points above 0 °C and end-points below approximately 400 °C, utilizing either manual or automated equipment. Light distillates are typically automotive engine petrol, automotive engine ethanol fuel blends with up to 85 % (V/V) ethanol, and aviation petrol. Middle distillates are typically aviation turbine fuel, kerosene, diesel, diesel with up to 30 % (V/V) FAME, burner fuel, and marine fuels that have no appreciable quantities of residua.
NOTE For the purposes of this document, the term "% (V/V)" is used to represent the volume fraction of a material.
The distillation (volatility) characteristics of hydrocarbons and related products of synthetic or biological origin have an important effect on their safety and performance, especially in the case of fuels and solvents. The boiling range gives important information on composition and behaviour during storage and use, and the rate of evaporation is an important factor in the application of many solvents. Limiting values to specified distillation characteristics are applied to most distillate petroleum product and liquid fuel specifications in order to control end-use performance and to regulate the formation of vapours which may form explosive mixtures with air, or otherwise escape into the atmosphere as emissions (VOC).

SIST/TC NES Nevarne snovi

SIST-TS CEN/TS 17331:2019
2019-07 (po) (en;fr;de) 17 str. (E)
Gradbeni proizvodi - Ocenjevanje sproščanja nevarnih snovi - Vsebnost organskih snovi - Metode ekstrakcije in analize
Construction products - Assessment of release of dangerous substances - Content of organic substances - Methods for extraction and analysis
Osnova: CEN/TS 17331:2019
ICS: 13.020.99, 91.100.01

This Technical Specification specifies existing methods for the determination of the content of non-volatile organic substances in construction products.
Covered substances are phenols, PAH, PCB, phthalates, PBDE, organotin, dioxin and furans, biocides and plant protection products.
The selection of the extraction, clean-up and analysis method(s) to be applied is based on the product matrix and the required sensitivity.

SIST-TS CEN/TS 17332:2019
2019-07 (po) (en;fr;de) 16 str. (D)
Gradbeni proizvodi - Ocenjevanje sproščanja nevarnih snovi - Analiza organskih snovi v izlužkih
Construction products - Assessment of release of dangerous substances - Analysis of organic substances in eluates
Osnova: CEN/TS 17332:2019
ICS: 91.100.01, 13.020.99

This Technical Specification specifies existing methods for the determination of non-volatile organic substances in aqueous eluates for the quantification of release from construction products.
Covered substances are phenols, PAH, PCB, phthalates, PBDE, organotin, dioxin and furans, biocides and plant protection products.
The selection of the method to be applied is based on the product matrix and the required sensitivity.

SIST/TC OGS Ogrevanje stavb

SIST EN 12102-2:2019
2019-07 (po) (en;fr;de) 34 str. (H)
Klimatske naprave, enote za hlajenje kapljevine, toplotne črpalke, procesne hladilne naprave in razvlaževalniki z električnimi kompresorji - Ugotavljanje ravni zvočne moči - 2. del: Grelniki vode s toplotno črpalko
Air conditioners, liquid chilling packages, heat pumps, process chillers and dehumidifiers with electrically driven compressors - Determination of the sound power level - Part 2: Heat pump water heaters
Osnova: EN 12102-2:2019
ICS: 91.140.65, 17.140.20, 27.080

This EN specifies methods for testing the sound power level for water heating energy efficiency of air/water, brine/water, water/water and direct exchange/water heat pump water heaters and heat pump combination heaters with electrically driven compressors and connected to or including a domestic hot water storage tank for domestic hot water production. This European Standard comprises only the testing procedure for the domestic hot water production of the heat pump system.
NOTE 1 Testing procedures for simultaneous operation for domestic hot water production and space heating are not treated in this standard. Simultaneous means that domestic hot water production and space heating generation occur at the same time and may interact.
NOTE 2 For space heating functions, the requirements are given in EN 12102-1.
This European Standard only applies to water heaters which are supplied in a package of heat pump and storage tank. In the case of water heaters consisting of several parts with refrigerant connections, this European Standard applies only to those designed and supplied as a complete package.
This European Standard does not specify requirements of the quality of the used water

SIST EN 13141-1:2019 SIST EN 13141-1:2004
2019-07 (po) (en;fr;de) 25 str. (F)
Prezračevanje stavb - Preskušanje lastnosti sestavnih delov/izdelkov za prezračevanje stanovanjskih stavb - 1. del: Zunanje in notranje vgrajeni zračni prenosniki
Ventilation for buildings - Performance testing of components/products for residential ventilation - Part 1: Externally and internally mounted air transfer devices
Osnova: EN 13141-1:2019
ICS: 91.140.30

This European Standard specifies laboratory methods for testing externally and internally mounted air transfer devices operating under pressure differences. It applies to devices located between two spaces (between one room and outside, or between two rooms) of the following types:
-devices with fixed opening(s);
-devices with manually adjustable opening(s);
-devices with pressure difference controlled opening(s);
-window openings specifically designed to act as an air transfer device.
It describes tests intended to characterise the following:
-flow rate/pressure;
-non-reverse flow ability;
-air tightness when closed' (for closeable externally mounted air transfer device);
-geometrical free area;
-air diffusion in the occupied zone;
-sound insulation;
-water tightness.
This standard does not apply to evaluation of:
-air filtration;
-condensation risk;
-noise production.

SIST EN 14134:2019 SIST EN 14134:2004

2019-07 (po) (en;fr;de) 33 str. (H)

Prezračevanje stavb - Preskušanje lastnosti in kontrola vgrajenih stanovanjskih sistemov prezračevanja

Ventilation for buildings - Performance measurement and checks for residential ventilation systems

Osnova: EN 14134:2019

ICS: 91.140.30

This European Standard specifies checks and test methods in order to verify the fitness for purpose of installed ventilation systems in dwellings. It can be applied to commissioning of new systems and performance testing of existing systems. The standard enables the choice between simple test methods, when sufficient, and extensive measurements, when necessary. The standard applies to mechanical and non-mechanical (natural) ventilation systems comprising any of the following: - passive stack ventilation ducts, - air terminal devices (supply, exhaust), etc.

SIST EN 16798-1:2019 SIST EN 15251:2007

2019-07 (po) (en;fr;de) 79 str. (L)

Energijske lastnosti stavb - Prezračevanje stavb - 1. del: Vstopni podatki notranjega okolja za projektiranje in ocenjevanje energijskih lastnosti stavb glede kakovosti notranjega zraka, toplotnega okolja, razsvetljave in akustike - Modul M1-6

Energy performance of buildings - Ventilation for buildings - Part 1: Indoor environmental input parameters for design and assessment of energy performance of buildings addressing indoor air quality, thermal environment, lighting and acoustics - Module M1-6

Osnova: EN 16798-1:2019

ICS: 91.120.10, 91.140.30

This document specifies requirements for indoor environmental parameters for thermal environment, indoor air quality, lighting and acoustics and specifies how to establish these parameters for building system design and energy performance calculations.

This European Standard includes design criteria for the local thermal discomfort factors, draught, radiant temperature asymmetry, vertical air temperature differences and floor surface temperature. This European Standard is applicable where the criteria for indoor environment are set by human occupancy and where the production or process does not have a major impact on indoor environment. This European Standard also specifies occupancy schedules to be used in standard energy calculations and how different categories of criteria for the indoor environment can be used.

The criteria in this European Standard can also be used in national calculation methods. This standard sets criteria for the indoor environment based on existing standards and reports listed under normative references or in the bibliography.

This European Standard does not specify design methods, but gives input parameters to the design of building envelope, heating, cooling, ventilation and lighting.

SIST EN 17192:2019

2019-07 (po) (en;fr;de) 22 str. (F)

Prezračevanje stavb - Kanali - Nekovinski kanali - Zahteve in preskusne metode

Ventilation for buildings - Ductwork - Non-metallic ductwork - Requirements and test methods

Osnova: EN 17192:2018

ICS: 91.140.30

This European standard defines the test methods and performance characteristics for rigid or semi-rigid non-metallic ductwork which are used for ventilation and air conditioning of buildings.

This standard does not include flexible ducts such as textile liners, spiral ductwork or others which are handled in EN 13180 or ductwork made from insulation duct board handled in EN 13403. Requirements for the air tightness of the ventilation system for non-residential buildings are given in EN 13779. For residential buildings, national rules shall be applied.

The standard is developed to test rigid or semi-rigid ventilation ducts and their components under laboratory conditions. Tests on site shall be done in accordance with EN 12599.

The test methods and performance characteristics are valid for ventilation ducts with circular, rectangular or other cross sections. This standard covers non-fire rated and fire rated ductwork. Fire rated ventilation ductwork shall also be tested in accordance with EN 1366-1.

SIST-TP CEN/TR 16798-2:2019
2019-07 (po) (en;fr;de) 88 str. (M)
Energijske lastnosti stavb - Prezračevanje stavb - 2. del: Razlaga in utemeljitev EN 16798-1 - Vstopni podatki notranjega okolja za projektiranje in ocenjevanje energijskih lastnosti stavb glede kakovosti notranjega zraka, toplotnega okolja, razsvetljave in akustike - Modul M1-6
Energy performance of buildings - Ventilation for buildings - Part 2: Interpretation of the requirements in EN 16798-1 - Indoor environmental input parameters for design and assessment of energy performance of buildings addressing indoor air quality, thermal environment, lighting and acoustics - Module M1-6
Osnova: CEN/TR 16798-2:2019
ICS: 91.140.30, 91.120.10

This document deals with the indoor environmental parameters for thermal environment, indoor air quality, lighting and acoustic. The document explains how to use EN 16798-1 for specifying indoor environmental input parameters for building system design and energy performance calculations. The document specifies methods for long term evaluation of the indoor environment obtained as a result of calculations or measurements. The document specifies criteria for measurements which can be used if required to measure compliance by inspection. The Document identifies parameters to be used by monitoring and displaying the indoor environment in existing buildings. This document is applicable where the criteria for indoor environment are set by human occupancy and where the production or process does not have a major impact on indoor environment. The document explains how different categories of criteria for the indoor environment can be used.

SIST/TC OVP Osebna varovalna oprema

SIST EN ISO 22568-1:2019 SIST EN 12568:2010
2019-07 (po) (en) 25 str. (F)
Ščitniki nog in stopal - Zahteve in preskusne metode za sestavne dele obutve - 1. del: Kovinske zaščitne kapice (ISO 22568-1:2019)
Foot and leg protectors - Requirements and test methods for footwear components - Metallic toecaps (ISO 22568-1:2019)
Osnova: EN ISO 22568-1:2019
ICS: 13.340.50

This Standard specifies requirements and test methods for metallic toe caps, intended to function as components of PPE footwear (e.g. as described by EN ISO 20345, EN ISO 20346 and EN ISO 20347).

SIST EN ISO 22568-2:2019 SIST EN 12568:2010
2019-07 (po) (en) 22 str. (F)
Ščitniki nog in stopal - Zahteve in preskusne metode za sestavne dele obutve - 2. del: Nekovinske zaščitne kapice (ISO 22568-2:2019)
Foot and leg protectors - Requirements and test methods for footwear component - Part 2: Non-metallic toecaps (ISO 22568-2:2019)
Osnova: EN ISO 22568-2:2019
ICS: 13.340.50

This document specifies requirements and test methods for non-metallic toecaps, intended to function as components of PPE footwear (e.g. as described by ISO 20345 and ISO 20346).

SIST EN ISO 22568-3:2019 SIST EN 12568:2010
2019-07 (po) (en) 18 str. (E)
Ščitniki nog in stopal - Zahteve in preskusne metode za sestavne dele obutve - 3. del: Kovinski vložki, odporni proti prediranju (ISO 22568-3:2019)
Foot and leg protectors - Requirements and test methods for footwear components - Part 3: Metallic perforation resistant inserts (ISO 22568-3:2019)
Osnova: EN ISO 22568-3:2019
ICS: 13.340.50

This Standard specifies requirements and test methods for the metallic inserts with resistance against mechanical perforation, intended to function as components of PPE footwear (e.g. as described by EN ISO 20345, EN ISO 20346 and EN ISO 20347).

SIST EN ISO 22568-4:2019 SIST EN 12568:2010
2019-07 (po) (en) 27 str. (G)
Ščitniki nog in stopal - Zahteve in preskusne metode za sestavne dele obutve - 4. del: Nekovinski vložki, odporni proti prediranju (ISO 22568-4:2019)
Foot and leg protectors - Requirements and test methods for footwear components - Part 4: Non-metallic perforation resistant inserts (ISO 22568-4:2019)
Osnova: EN ISO 22568-4:2019
ICS: 13.340.50

This Standard specifies requirements and test methods for the non-metallic inserts with resistance against mechanical perforation, intended to function as components of PPE footwear (e.g. as described by EN ISO 20345, EN ISO 20346 and EN ISO 20347).

SIST/TC PCV Polimerne cevi, fitingi in ventili

SIST EN 1519-1:2019 SIST EN 1519-1:2000
2019-07 (po) (en;fr;de) 37 str. (H)
Cevni sistemi iz polimernih materialov za nizko- in visokotemperaturne odvodne sisteme v stavbah - Polietilen (PE) - 1. del: Specifikacije za cevi, fitinge in sistem
Plastics piping systems for soil and waste discharge (low and high temperature) within the building structure - Polyethylene (PE) - Part 1: Requirements for pipes, fittings and the system
Osnova: EN 1519-1:2019
ICS: 91.140.80, 23.040.01

This standard specifies the requirements for pipes, fittings and the system of polyethylene (PE) solid-wall piping systems in the field of soil and waste discharge - inside buildings (marked with "B") and - for both inside buildings and buried in ground within the building structure (marked with "BD"). It also specifies the test parameters for the test methods referred to in this standard.

SIST EN 17176-1:2019
2019-07 (po) (en;fr;de) 14 str. (D)
Cevni sistemi iz polimernih materialov za oskrbo z vodo in za podzemne in nadzemne sisteme odvodnjavanja, kanalizacije ter namakanja pod tlakom - Orientiran nemehčan polivinilklorid (PVC-O) - 1. del: Splošno
Plastics piping systems for water supply and for buried and above ground drainage, sewerage and irrigation under pressure - Oriented unplasticized poly(vinyl chloride) (PVC-O) - Part 1: General
Osnova: EN 17176-1:2019
ICS: 91.140.80, 93.030, 23.040.20

This part of prEN 17176 specifies the general aspects of oriented unplasticized poly(vinyl chloride) (PVC-O), for solid wall piping systems intended for water supply, pressurized sewer systems and irrigation systems to be used underground or above-ground where protected to direct sunlight.
In conjunction with prEN 17176-2, prEN 17176-3, EN ISO 1452 4, it is applicable to PVC-O pipes, PVC-O fittings, and valves, their joints and to joints with components of other plastics and non-plastics materials intended to be used for the following:
a) water mains and services lines;
b) conveyance of water for both outside and inside buildings;
c) drainage, sewerage and treated waste water under pressure;
d) Irrigation under pressure.
It is applicable to piping systems intended for the supply of water under pressure up to and including 25 °C (cold water), intended for human consumption and for general purposes as well as for waste water under pressure.
This part of prEN 17176 is also applicable to components for the conveyance of water and waste water up to and including 45 °C. For temperatures between 25 °C and 45 °C, prEN 17176-2:2017, Figure C.1 applies.
The piping system according to this European Standard is intended for the conveyance of cold water up to pressures of 25 bars and especially in those applications where special performance requirements are needed, such as impact loads and pressure fluctuations, up to pressure of 25 bars.

SIST EN 17176-2:2019
2019-07 (po) (en;fr;de) 29 str. (G)
Cevni sistemi iz polimernih materialov za oskrbo z vodo in za podzemne in nadzemne sisteme odvodnjavanja, kanalizacije ter namakanja pod tlakom - Orientiran nemehčan polivinilklorid (PVC-O) - 2. del: Cevi
Plastics piping systems for water supply and for buried and above ground drainage, sewerage and irrigation under pressure - Oriented unplasticized poly(vinyl chloride) (PVC-O) - Part 2: Pipes
Osnova: EN 17176-2:2019
ICS: 93.030, 91.140.80, 23.040.20

This part of prEN 17176 specifies the characteristics of solid-wall pipes made from oriented unplasticized poly(vinyl chloride) (PVC-O) for piping systems intended for water supply and for buried and above-ground drainage, sewerage, treated waste water and irrigation under pressure.
It also specifies the test parameters for the test methods referred to this part of prEN 17176.
In conjunction with prEN 17176-1 and prEN 17176-5, it is applicable to oriented PVC-O pipes with or without integral socket intended to be used for the following:
a) water mains and services lines;
b) conveyance of water for both outside and inside buildings;
c) drainage, sewerage and treated waste water under pressure.
d) irrigation under pressure
It is applicable to piping systems intended for the supply of water under pressure up to and including 25 °C (cold water) intended for human consumption and for general purposes as well as for waste water and water for irrigation under pressure.
This part of prEN 17176 specifies pipes for the conveyance of water, waste water and water for irrigation up to and including 45 °C. For temperatures between 25 °C and 45 °C, EN ISO 1452-2:2009, Figure C.1 applies.
This part of prEN 17176 specifies a range of pipe sizes and pressure classes and gives requirements concerning colours.
The piping system according to this European Standard is intended for the conveyance of cold water up to pressures of 25 bars) and especially in those applications where special performance requirements are needed, such as impact loads and pressure fluctuations, up to pressure of 25 bars.
NOTE It is the responsibility of the purchaser or specifier to make the appropriate selections from these aspects, taking into account their particular requirements and any relevant national regulations and installation practices or codes.

SIST EN 17176-5:2019
2019-07 (po) (en;fr;de) 12 str. (C)
Cevni sistemi iz polimernih materialov za oskrbo z vodo in za podzemne in nadzemne sisteme odvodnjavanja, kanalizacije ter namakanja pod tlakom - Orientiran nemehčan polivinilklorid (PVC-O) - 5. del: Ustreznost sistema namenu
Plastics piping systems for water supply and for buried and above ground drainage, sewerage and irrigation under pressure - Oriented unplasticized poly(vinyl chloride) (PVC-O) - Part 5: Fitness for purpose of the system
Osnova: EN 17176-5:2019
ICS: 23.040.01, 93.030, 91.140.80

This part of prEN 17176 specifies the characteristics for the fitness for purpose of oriented unplasticized poly(vinyl chloride) (PVC-O) piping systems intended for water supply, pressurized sewer systems and irrigation systems to be used underground or above-ground where protected to direct sunlight.
In conjunction with prEN 17176-2, prEN 17176-3, EN ISO 1452 3, EN ISO 1452 4 and EN 12842 this part is applicable to PVC-O pipes, PVC-O and PVC-U fittings, cast iron fittings and valves, their joints and to joints with components of other plastics and non-plastics materials intended to be used for the following:
a) water mains and services lines;
b) conveyance of water for both outside and inside buildings;
c) drainage and sewerage under pressure;
d) irrigation under pressure.
It I applicable to piping systems intended for the supply of water under pressure up to and including 25 °C (cold water) intended for human consumption and for general purposes as well as for waste water and water for irrigation under pressure. This part of prEN 17176 is also applicable for the conveyance of water, waste water and water for irrigation up to and including 45 °C. For temperatures between 25 °C and 45 °C, prEN 17176-2:2017, Figure C.1 applies.
NOTE It is the responsibility of the purchaser or specifier to make the appropriate selections from these aspects, taking into account their particular requirements and any relevant national regulations and installation practices or codes.

SIST-TS CEN/TS 17176-3:2019
2019-07 (po) (en;fr;de) 23 str. (F)
Cevni sistemi iz polimernih materialov za oskrbo z vodo in za podzemne in nadzemne sisteme odvodnjavanja, kanalizacije ter namakanja pod tlakom - Orientiran nemehčan polivinilklorid (PVC-O) - 3. del: Fitingi
Plastics piping systems for water supply and for buried and above ground drainage, sewerage and irrigation under pressure - Oriented unplasticized poly(vinyl chloride) (PVC-O) - Part 3: Fittings
Osnova: CEN/TS 17176-3:2019
ICS: 91.140.80, 93.030, 23.040.45

This part of prEN 17176 specifies the characteristics of solid-wall elbows, double sockets, repair couplings and reducers fittings made from oriented unplasticized poly(vinyl chloride) (PVC-O) for piping systems intended for water supply and for buried and above-ground drainage and sewerage under pressure and irrigation under pressure. NOTE 1 The scope of this part is restricted to fittings on the market during the preparation of this standard. Therefore tees, flange adaptors, etc., are excluded from this version of the standard. It also specifies the test parameters for the test methods referred to this part of prEN 17176.
In conjunction with prEN 17176-1, prEN 17176-2 and prEN 17176-5, it is applicable to oriented PVC-O fittings and to joints with components of PVC-O, PVC-U (EN ISO 1452 3), other plastics and non-plastics materials such as cast iron fittings (EN 12842) intended to be used for the following:
a) water mains and services lines in the ground;
b) conveyance of water for both outside and inside buildings;
c) drainage, sewerage and treated waste water under pressure;
d) irrigation under pressure.
It is applicable to piping systems intended for the supply of water under pressure up to and including 25 °C (cold water) intended for human consumption and for general purposes as well as for waste water and water for irrigation under pressure.

This part of prEN 17176 specifies fittings for the conveyance of water intended for human consumption, waste water and water for irrigation up to and including 45 °C. For temperatures between 25 °C and 45 °C, prEN 17176-2:2017, Figure C.1 applies.
The piping system according to this European Standard is intended for the conveyance of cold water up to pressures of 25 bars and especially in those applications where special performance requirements are needed, such as impact loads and pressure fluctuations, up to pressure of 25 bar.
This part of prEN 17176 specifies a range of fittings sizes and pressure classes and gives a requirement and recommendations concerning colours.
NOTE 2 It is the responsibility of the purchaser or specifier to make the appropriate selections from these aspects, taking into account their particular requirements and any relevant national regulations and installation practices or codes.

SIST/TC PKG Preskušanje kovinskih gradiv

SIST EN ISO 15708-1:2019 SIST EN 16016-1:2012
2019-07 (po) (en;fr;de) 11 str. (C)
Neporušitvene preiskave - Sevalne metode za računalniško tomografijo - 1. del: Terminologija (ISO 15708-1:2017)
Non-destructive testing - Radiation methods for computed tomography - Part 1: Terminology (ISO 15708-1:2017)
Osnova: EN ISO 15708-1:2019
ICS: 19.100, 01.040.19

ISO 15708-1:2017 gives the definitions of terms used in the field of computed tomography (CT). It presents a terminology that is not only CT-specific but which also includes other more generic terms and definitions spanning imaging and radiography. Some of the definitions represent discussion points aimed at refocusing their terms in the specific context of computed tomography.

SIST EN ISO 15708-2:2019 SIST EN 16016-2:2012
2019-07 (po) (en;fr;de) 24 str. (F)
Neporušitvene preiskave - Sevalne metode za računalniško tomografijo - 2. del: Načela, oprema in vzorci (ISO 15708-2:2017)
Non-destructive testing - Radiation methods for Computed tomography - Part 2: Principles, equipment and samples (ISO 15708-2:2017)
Osnova: EN ISO 15708-2:2019
ICS: 19.100

ISO 15708-2:2017 specifies the general principles of X-ray computed tomography (CT), the equipment used and basic considerations of sample, materials and geometry.
It is applicable to industrial imaging (i.e. non-medical applications) and gives a consistent set of CT performance parameter definitions, including how those performance parameters relate to CT system specifications.
ISO 15708-2:2017 deals with computed axial tomography and excludes other types of tomography such as translational tomography and tomosynthesis.

SIST EN ISO 15708-3:2019 SIST EN 16016-3:2012
2019-07 (po) (en;fr;de) 30 str. (G)
Neporušitvene preiskave - Sevalne metode za računalniško tomografijo - 3. del: Delovanje in razlaga (ISO 15708-3:2017)
Non-destructive testing - Radiation methods for computed tomography - Part 3: Operation and interpretation (ISO 15708-3:2017)
Osnova: EN ISO 15708-3:2019
ICS: 19.100

ISO 15708-3:2017 presents an outline of the operation of a computed tomography (CT) system and the interpretation of results with the aim of providing the operator with technical information to enable the selection of suitable parameters.
It is applicable to industrial imaging (i.e. non-medical applications) and gives a consistent set of CT performance parameter definitions, including how those performance parameters relate to CT system specifications.
ISO 15708-3:2017 deals with computed axial tomography and excludes other types of tomography such as translational tomography and tomosynthesis.

SIST EN ISO 15708-4:2019 SIST EN 16016-4:2012
2019-07 (po) (en;fr;de) 18 str. (E)
Neporušitvene preiskave - Sevalne metode za računalniško tomografijo - 4. del: Usposobljenost (ISO 15708-4:2017)
Non-destructive testing - Radiation methods for computed tomography - Part 4: Qualification (ISO 15708-4:2017)
Osnova: EN ISO 15708-4:2019
ICS: 19.100

ISO 15708-4:2017 specifies guidelines for the qualification of the performance of a CT system with respect to various inspection tasks.
It is applicable to industrial imaging (i.e. non-medical applications) and gives a consistent set of CT performance parameter definitions, including how those performance parameters relate to CT system specifications.
ISO 15708-4:2017 deals with computed axial tomography and excludes other types of tomography such as translational tomography and tomosynthesis.

SIST/TC POH Pohištvo

SIST EN 527-2:2017+A1:2019 SIST EN 527-2:2017/kFprA1:2019
SIST EN 527-2:2017
2019-07 (po) (en;fr;de) 11 str. (C)
Pisarniško pohištvo - Delovne mize - 2. del: Zahteve za varnost, trdnost in trajnost (vključno z dopolnilom A1)
Office furniture - Work tables - Part 2: Safety, strength and durability requirements
Osnova: EN 527-2:2016+A1:2019
ICS: 97.140

This European Standard specifies safety, strength and durability requirements on work tables.
It does not apply to other tables in the office area for which EN standard exists (EN 15372).
Annex A (informative) contains a test for deflection of tables tops.

SIST EN 927-10:2019 SIST-TS CEN/TS 16499:2014
2019-07 (po) (en;fr;de) 22 str. (F)
Barve in laki - Premazi in premazni sistemi za zaščito lesa za zunanjo uporabo - 10. del: Odpornost filmov premazov proti medsebojnemu zlepljanju
Paints and varnishes - Coating materials and coating systems for exterior wood - Part 10: Resistance to blocking of paints and varnishes on wood
Osnova: EN 927-10:2019
ICS: 71.100.50, 87.040

This European Standard specifies a test method for determining, under standard conditions, whether a single-coat film or a multi-coat system of paints and varnishes on wood after a specified drying period is sufficiently dry to avoid damage when two painted surfaces or one painted surface and another surface

are placed in contact under pressure and subsequently separated. The method is intended to simulate the conditions when painted articles come into contact which each other. In comparison to EN ISO 9117 2, the conditioning and parameters which influence the behaviour of wood coatings are more specific.
NOTE In some countries, the test is called a "block or blocking resistance" test.

SIST/TC POZ Požarna varnost

SIST EN 12259-9:2019
2019-07 (po) (en;fr;de) 42 str. (I)
Vgrajene naprave za gašenje - Sestavni deli sprinklerskih sistemov in sistemov s pršečo vodo - 9. del: Ventili za poplavne sisteme
Fixed firefighting systems - Components for sprinkler and water spray systems - Part 9: Deluge alarm valves
Osnova: EN 12259-9:2019
ICS: 13.220.10, 23.060.01

This part of EN 12259 specifies requirements, test methods, evaluation of conformity and marking of deluge alarm valves with a nominal size range DN40 to DN250 intended to be used in fire protection water spray systems.
This European Standard does not cover elastomeric sleeve type valves and does not include rules for design, installation and maintenance of fire protection water spray systems.
Auxiliary components and attachments to deluge alarm valves are not covered by this part of EN 12259 with the exception of automatic drain valves.

SIST EN 13216-1:2019 SIST EN 13216-1:2004
2019-07 (po) (en;fr;de) 82 str. (M)
Dimovodne naprave - Preskusne metode za sistemske dimovodne naprave - 1. del: Splošne preskusne metode
Chimneys - Test methods for system chimneys - Part 1: General test methods
Osnova: EN 13216-1:2019
ICS: 91.060.40

This document specifies material-independent general test methods for all system chimneys.
The thermal performance tests for the determination of the distance to combustible material in this standard apply only to chimney sections.
NOTE The thermal performance tests for the determination of the distance to combustible material for accessories (draught regulators, inspection doors, etc.) are included in different standards of CEN/TC 166.

SIST EN 13565-1:2019 SIST EN 13565-1:2004+A1:2007
2019-07 (po) (en;fr;de) 36 str. (H)
Vgrajeni gasilni sistemi - Sistemi za gašenje s peno - 1. del: Zahteve in preskusne metode za sestavne dele
Fixed firefighting systems - Foam systems - Part 1: Requirements and test methods for components
Osnova: EN 13565-1:2019
ICS: 13.220.10

This European Standard specifies requirements for materials, construction, and performance of components intended for use in fixed foam fire fighting systems, and using foam concentrates conforming to EN 1568-1 to EN 1568-4. The components covered are: proportioners, sprayers, semi-subsurface hose units, branchpipes, low/medium expansion foam generators, high expansion foam generators, foam chambers, tanks and pressure vessels. Methods of test are given in Annexes A to K.
Requirements are also given for the provision of the characteristic data needed for correct application of components.

NOTE Unless otherwise stated pressures are gauge pressures expressed in bar.
The requirements of this specification do not cover, except where stated, the use of combinations of components to form part, or the whole, of a fire fighting system. It should not be assumed that components conforming to this specification are necessarily compatible one with another.
Requirements for pumps, motors and the functioning of mechanical components (i.e. remote control turrets) are outside the scope of this standard.

SIST EN 13565-2:2018+AC:2019 SIST EN 13565-2:2018
2019-07 (po) (en;fr;de) 47 str. (I)
Vgrajeni gasilni sistemi - Sistemi za gašenje s peno - 2. del: Načrtovanje, izvedba in vzdrževanje
Fixed firefighting systems - Foam systems - Part 2: Design, construction and maintenance
Osnova: EN 13565-2:2018+AC:2019
ICS: 13.220.10

This document specifies the requirements and describes the methods for design, installation, testing and maintenance of low, medium, and high expansion foam fire extinguishing systems.
Foam systems may be used to suppress the release of toxic vapours but this application is outside the scope of this document.
This document provides guidance for the design of various foam systems available to persons with knowledge and experience in determining the selection of foam fire extinguishing systems which will be effective in protecting specific hazard configurations. For the application of this standard, a risk assessment by a qualified and experienced person should be performed for both new and existing systems, however the risk assessment is outside the scope of this document.
This document does not cover a risk analysis carried out by a competent person.
Nothing in this document is intended to restrict new technologies or alternative arrangements, provided that the level of foam system performance prescribed in this standard is not lowered, and supported by documented evidence/test reports.
All foam systems are generally unsuitable for the following:
- chemicals, such as cellulose nitrate, that release sufficient oxygen or other oxidizing agents which can sustain combustion;
- energized unenclosed electrical equipment;
- metals such as sodium, potassium and sodium-potassium alloys which are reactive to water;
- hazardous, water-reactive materials such as triethyl-aluminium and phosphorous pentoxide;
- combustible metals such as aluminium and magnesium.

SIST EN 1366-13:2019
2019-07 (po) (en;fr;de) 26 str. (F)
Preskusi požarne odpornosti servisnih inštalacij - 13. del: Dimovodne naprave
Fire resistance tests for service installations - Part 13: Chimneys
Osnova: EN 1366-13:2019
ICS: 91.060.40, 13.220.50

This document specifies a procedure to determine the fire resistance time for chimney constructions (see normative references), shafts of chimneys or penetration elements as part of a chimney construction under standardized fire conditions. The test examines the behaviour of chimney products exposed to fire only from the outside or fire from the outside entering into the chimney. This standard is used in conjunction with EN 1363-1. In chimneys combustion air supply ducts can also be included.
The standard also applies to such chimneys. Slanted chimneys are not included.
Annex A provides general guidance and background information. This document is not applicable to:
— sootfire resistance conditions;
— accessories unless they are included in the system chimney to be tested;
— one, two or three sided enclosures.
If the pressure inside the chimney can in practice decrease to lower values than - 40 Pa or increase to higher values than + 5000 Pa it shall be considered that this cannot be covered by the test prescribed in this standard.

SIST EN 1443:2019 SIST EN 1443:2003

2019-07 (po) (en) 45 str. (I)

Dimovodne naprave - Splošne zahteve

Chimneys - General requirements

Osnova: EN 1443:2019

ICS: 91.060.40

This draft European Standard specifies requirements and the basic performance criteria for chimneys, flue liners, connecting flue pipes, fittings and accessories, used to convey the products of combustion from combustion appliances to the outside atmosphere. This draft European Standard is to be used as a reference for all product standards of CEN/TC 166.

This draft European Standard specifies sootfire resistant chimneys, flue liners, connecting flue pipes, fittings and accessories for combustion appliances burning solid, liquid and gaseous fuels and non-sootfire resistant chimneys, flue liners, connecting flue pipes, fittings and accessories for combustion appliances burning liquid and gaseous fuels only. It also specifies sootfire safe accessories for combustion appliances burning solid, liquid and gaseous fuels.

NOTE 1 This means that chimneys, flue liners, connecting flue pipes, fittings and accessories designated "O" are not suitable for combustion appliances burning solid fuel.

This draft European Standard also identifies minimum requirements for marking, manufacturer's instructions, product information and provides guidance for the attestation and verification of constancy of performance (AVCP).

This draft European Standard does not apply to structurally independent chimneys and custom-built chimneys consisting of non-CE-marked components.

NOTE 2 This draft European Standard can be used as a basis for the specifications of products covered by a European Technical Assessment.

NOTE 3 All product standards drafted by Technical Committee CEN/TC 166 are based on the Mandate M/105.

SIST EN 15276-1:2019 SIST-TP CEN/TR 15276-1:2009

2019-07 (po) (en;fr;de) 50 str. (I)

Vgrajeni gasilni sistemi - Sistemi za gašenje s kondenziranim aerosolom - 1. del: Zahteve in preskusne metode za sestavne dele

Fixed firefighting systems - Condensed aerosol extinguishing systems - Part 1: Requirements and test methods for components

Osnova: EN 15276-1:2019

ICS: 13.220.10

This European Standard specifies requirements and test methods for condensed aerosol extinguishing system components.

This standard does not cover all legislative requirements. In certain countries, specific national regulations apply and take precedence over this European Standard. Users of this European Standard are advised to inform themselves of the applicability or non-applicability for this European Standard by their national responsible authorities.

SIST EN 54-3:2014+A1:2019 SIST EN 54-3:2014

2019-07 (po) (en;fr;de) 67 str. (K)

Sistemi za odkrivanje in javljanje požara ter alarmiranje - 3. del: Naprave za alarmiranje - Zvočne naprave

Fire detection and fire alarm systems - Part 3: Fire alarm devices - Sounders

Osnova: EN 54-3:2014+A1:2019

ICS: 13.320, 13.220.20

This European Standard specifies the requirements, test methods and performance criteria for fire alarm sounders, including voice sounders, in a fixed installation intended to signal an audible warning between the fire detection and fire alarm systems and the occupants of a building (see EN 54-1:2011).

This European Standard provides for the assessment and verification of constancy of performance (AVCP) of fire alarm sounders to this EN.
This European Standard is not intended to cover:
a) loudspeaker type devices primarily intended for emitting emergency voice messages that are generated from an external audio source;
b) supervisory sounders, for example, within the control and indicating equipment.

SIST/TC PPV Protivlomni in protipožarni vsebniki in zaklepni mehanizmi

SIST EN 1047-2:2019 SIST EN 1047-2:2009+A1:2013
2019-07 (po) (en) 35 str. (H)
Varnostne shranjevalne enote - Klasifikacija in metode preskušanja požarne odpornosti - 2. del: Prostori in vsebniki za shranjevanje podatkov
Secure storage units - Classification and methods of test for resistance to fire - Part 2: Data rooms and data container
Osnova: EN 1047-2:2019
ICS: 35.220.99, 13.310, 13.220.40

This part of the European Standard EN 1047 specifies requirements for data rooms and data containers. It includes a method of test for the determination of the ability of data rooms and data containers to protect temperature and humidity sensitive data media (see 3.5) and hardware systems (see 3.6) from the effects of fire. A test method for measuring the resistance to mechanical stress (impact test) provided by data rooms type B and data containers is also specified.
Requirements are also specified for test specimens, the technical documentation of the test specimens, materials specimens, physical fittings, the correlation of test specimens with the technical documentation and the preparation for type testing, as test procedures as well as the series production.
In addition, a scheme to classify data rooms and data containers from the test results is given (see Table 1).
As well as providing protection against fire, correctly installed data rooms and data containers offer a defined protection against impacts caused by failure during fire of components and objects external to the data room or data container.
Data rooms and data containers having the same design, protection and construction features (type and thickness of construction and protective materials, rebate geometry, lockings, doors, etc.) will only be given the same protection classification as that of the test specimen if the tolerances are within the ranges specified in Clause 7.
NOTE This European Standard does not regulate the use of data rooms in the meaning of the building laws of the respective countries. In the construction of data rooms, the respective national requirements should be considered.

SIST EN 1143-1:2019 SIST EN 1143-1:2012
2019-07 (po) (en;fr;de) 54 str. (J)
Varnostne shranjevalne enote - Zahteve, klasifikacija in metode preskušanja protivlomne odpornosti - 1. del: Blagajne, bankomatne blagajne, vrata trezorskih prostorov in trezorski prostori
Secure storage units - Requirements, classification and methods of test for resistance to burglary - Part 1: Safes, ATM safes, strongroom doors and strongrooms
Osnova: EN 1143-1:2019
ICS: 35.220.99, 13.310

This European Standard establishes the basis for testing and classifying free-standing safes, built-in safes (floor and wall), ATM safes and ATM bases, strongroom doors and strongrooms (with or without a door) according to their burglary resistance. This European Standard does not cover testing and classifying Deposit Systems and ATM systems.

SIST/TC PSE Procesni sistemi v energetiki

SIST EN IEC 61850-8-2:2019
2019-07 (po) (en) 258 str. (T)
Komunikacijska omrežja in sistemi za avtomatizacijo porabe električne energije - 8-2. del: Preslikave posebne komunikacijske storitve (SCSM) - Preslikave v XMPP (Extensible Messaging Presence Protocol)
Communication networks and systems for power utility automation - Part 8-2: Specific communication service mapping (SCSM) - Mapping to Extensible Messaging Presence Protocol (XMPP)
Osnova: EN IEC 61850-8-2:2019
ICS: 33.200, 29.240.30

This part of IEC 61850 specifies a method of exchanging data through any kinds of network, including public networks. Among the various kinds of services specified in IEC 61850-7-2, only the client/server and time synchronization services are considered so far.
NOTE Client/server services of GOOSE and SMV models are mapped as well (see Table 1). For the client/server services, the principle is to map the objects and services of the ACSI (Abstract Communication Service Interface defined in IEC 61850-7-2) to XML messages transported over XMPP. The mapping description includes mainly three aspects:
• The usage of the XMPP protocol itself, describing in details which features are really used and how they are used by the mapping (see Clause 6).
• How to achieve end-to-end secured communications (see Clause 7).
• The description of the XML payloads corresponding to each ACSI service thanks in particular to the XML Schema and XML message examples (starting at Clause 9).
NOTE 1 This document does not address the detailed usage of the XMPP protocol.
NOTE 2 This document does not address system management services.
NOTE 3 For the information of people familiar with the mapping defined in IEC 61850-8-1, the XML messages defined in the present document are derived from those defined in IEC 61850-8-1 but with an XML encoding instead of a binary one. In this way implementing gateways between IEC 61850-8-1 and IEC 61850-8-2 is very straightforward in both directions. However reading IEC 61850-8-1 is not necessary to understand the present document except when it is used in conjunction with one of the GOOSE mappings described in IEC 61850-8-1.

SIST/TC SKA Stikalni in krmilni aparati

SIST EN 61439-3:2012/AC:2019
2019-07 (po) (en,fr) 3 str. (AC)
Sestavi nizkonapetostnih stikalnih in krmilnih naprav - 3. del: Električni razdelilniki, s katerimi lahko ravnajo nestrokovnjaki (DBO) - Popravek AC (IEC 61439-3:2012/COR2:2019)
Low-voltage switchgear and controlgear assemblies - Part 3: Distribution boards intended to be operated by ordinary persons (DBO) (IEC 61439-3:2012/COR2:2019)
Osnova: EN 61439-3:2012/AC:2019-04
ICS: 29.130.20

Popravek k standardu SIST EN 61439-3:2012.

SIST EN IEC 60947-9-1:2019
2019-07 (po) (en) 24 str. (F)
Nizkonapetostne stikalne in krmilne naprave - 9-1. del: Aktivni sistemi za blažitev učinkov okvarnega obloka - Naprave za gašenje obloka (IEC 60947-9-1:2019)
Low-voltage switchgear and controlgear - Active arc-fault mitigation systems - Part 9-1: Arc quenching devices (IEC 60947-9-1:2019)
Osnova: EN IEC 60947-9-1:2019
ICS: 29.130.20

This part of IEC 60947 covers low-voltage arc quenching devices, hereinafter referred to as AQDs, which are intended to eliminate arc-faults in low-voltage assemblies (typically lowvoltage switchgear and controlgear assemblies in accordance with the IEC 61439 series), by creating a lower impedance current path, to cause the arcing current to transfer to the new current path. This new current path is maintained until a short-circuit protection device (SCPD) interrupts the short-circuit current.
AQDs are installed in low-voltage assemblies, connected to the main circuit, preferably as close as possible to all primary power sources.
Their rated voltage does not exceed 1 000 V AC or 1 500 V DC.
This document does not cover:
- sensors intended to detect arc-faults;
- devices intended to trigger the functioning of the arc quenching device;
- devices intended to interrupt arc-fault current;
- special requirements for AQDs for use in explosive atmospheres (e.g. ATEX).

SIST/TC SPN Storitve in protokoli v omrežjih

SIST ES 201 873-1 V4.11.1:2019
2019-07 (po) (en) 367 str. (Z)
Metode za preskušanje in specificiranje (MTS) - 3. različica zapisa preskušanja in krmiljenja preskusov - 1. del: Jedrni jezik TTCN-3
Methods for Testing and Specification (MTS) - The Testing and Test Control Notation version 3 - Part 1: TTCN-3 Core Language
Osnova: ETSI ES 201 873-1 V4.11.1 (2019-04)
ICS: 35.060, 33.040.01

The present document defines the Core Language of TTCN-3. TTCN-3 can be used for the specification of all types of reactive system tests over a variety of communication ports. Typical areas of application are protocol testing (including mobile and Internet protocols), service testing (including supplementary services), module testing, testing of CORBA® based platforms, APIs, etc. TTCN-3 is not restricted to conformance testing and can be used for many other kinds of testing including interoperability, robustness, regression, system and integration testing. The specification of test suites for physical layer protocols is outside the scope of the present document.
TTCN-3 is intended to be used for the specification of test suites which are independent of test methods, layers and protocols. In addition to the textual format defined in the present document, while GFT (ETSI ES 201 873-3 [i.2]) defines a graphical presentation format for TTCN-3. The specification of these formats is outside the scope of the present document.
While the design of TTCN-3 has taken the eventual implementation of TTCN-3 translators and compilers into consideration the means of realization of Executable Test Suites (ETS) from Abstract Test Suites (ATS) is outside the scope of the present document.

SIST ES 201 873-6 V4.11.1:2019
2019-07 (po) (en) 368 str. (Z)
Metode za preskušanje in specificiranje (MTS) - 3. različica zapisa preskušanja in krmiljenja preskusov - 6. del: Krmilni vmesnik TTCN-3 (TCI)
Methods for Testing and Specification (MTS) - The Testing and Test Control Notation version 3 - Part 6: TTCN-3 Control Interface (TCI)
Osnova: ETSI ES 201 873-6 V4.11.1 (2019-04)
ICS: 33.040.01

The present document specifies the control interfaces for TTCN-3 test system implementations. The TTCN-3 Control Interfaces provide a standardized adaptation for management, test component handling and encoding/decoding of a test system to a particular test platform. The present document defines the interfaces as a set of operations independent of a target language.
The interfaces are defined to be compatible with the TTCN-3 standard (see clause 2). The interface

definition uses the CORBA Interface Definition Language (IDL) to specify the TCI completely. Clauses 8, 9, 10, 11 and 12 present language mappings for this abstract specification to the target languages Java™, ANSI C, C++, XML and C#.
A summary of the IDL-based interface specification is provided in annex A.
NOTE: Java™ is the trade name of a programming language developed by Oracle Corporation. This information is given for the convenience of users of the present document and does not constitute an endorsement by ETSI of the programming language named. Equivalent programming languages may be used if they can be shown to lead to the same results.

SIST ES 202 781 V1.7.1:2019
2019-07 (po) (en) 94 str. (M)
Metode za preskušanje in specificiranje (MTS) - 3. različica zapisa preskušanja in krmiljenja preskusov - Razširitev nabora jezika TTCN-3: podpora konfiguriranju in uvajanju
Methods for Testing and Specification (MTS) - The Testing and Test Control Notation version 3 - TTCN-3 Language Extensions: Configuration and Deployment Support
Osnova: ETSI ES 202 781 V1.7.1 (2019-04)
ICS: 35.060

The present document defines the Configuration and Deployment Support package of TTCN-3. TTCN-3 can be used for the specification of all types of reactive system tests over a variety of communication ports. Typical areas of application are protocol testing (including mobile and Internet protocols), service testing (including supplementary services), module testing, testing of APIs, etc. TTCN-3 is not restricted to conformance testing and can be used for many other kinds of testing including interoperability, robustness, regression, system and integration testing. The specification of test suites for physical layer protocols is outside the scope of the present document.
TTCN-3 packages are intended to define additional TTCN-3 concepts, which are not mandatory as concepts in the TTCN-3 core language, but which are optional as part of a package which is suited for dedicated applications and/or usages of TTCN-3.
This package defines the TTCN-3 support for static test configurations.
While the design of TTCN-3 package has taken into account the consistency of a combined usage of the core language with a number of packages, the concrete usages of and guidelines for this package in combination with other packages is outside the scope of the present document.

SIST ES 203 022 V1.3.1:2019
2019-07 (po) (en) 42 str. (I)
Metode za preskušanje in specificiranje (MTS) - 3. različica zapisa preskušanja in krmiljenja preskusov - Razširitev nabora jezikov TTCN-3: napredno ujemanje
Methods for Testing and Specification (MTS) - The Testing and Test Control Notation version 3 - TTCN-3 Language Extensions: Advanced Matching
Osnova: ETSI ES 203 022 V1.3.1 (2019-04)
ICS: 35.060

The present document defines the support of advance matching of TTCN-3. TTCN-3 can be used for the specification of all types of reactive system tests over a variety of communication ports. Typical areas of application are protocol testing (including mobile and Internet protocols), service testing (including supplementary services), module testing, testing of OMG CORBA® based platforms, APIs, etc. TTCN-3 is not restricted to conformance testing and can be used for many other kinds of testing including interoperability, robustness, regression, system and integration testing. The specification of test suites for physical layer protocols is outside the scope of the present document.
TTCN-3 packages are intended to define additional TTCN-3 concepts, which are not mandatory as concepts in the TTCN-3 core language, but which are optional as part of a package which is suited for dedicated applications and/or usages of TTCN-3.
While the design of TTCN-3 package has taken into account the consistency of a combined usage of the core language with a number of packages, the concrete usages of and guidelines for this package in combination with other packages is outside the scope of the present document.

SIST-V ETSI/EG 203 602 V1.1.1:2019
2019-07 (po) (en) 34 str. (H)
Uporabniška skupina - Uporabniški pristop - Navodilo za uporabnike - Dobre prakse za interakcijo v digitalnem ekosistemu
User Group - User Centric Approach - Guidance for users - Best practices to interact in the Digital Ecosystem
Osnova: ETSI EG 203 602 V1.1.1 (2019-04)
ICS: 35.020

The present document defines guidance to the user in order to build its own service composition with the expected and relevant Quality of Experience (QoE) and to ensure their data privacy.
It focuses on analysis of functionalities and information from the user point of view.
It provides recommendations from functional and informational elements.
The present document defines the intersection of the "user centric" and the "user interface" which contains the different profiles of the user and equipment to adapt to user's new needs. Thus according to the possibilities offered by the equipment, the networks and the software platforms, a personalization is possible.
The present document includes the results of an additional survey that complete the results obtained in the initial survey, defined in ETSI TR 103 438 [i.1].

SIST/TC SPO Šport

SIST EN 14960-1:2019 SIST EN 14960:2013
2019-07 (po) (en;fr;de) 51 str. (J)
Napihljiva igralna oprema - 1. del: Varnostne zahteve in preskusne metode
Inflatable play equipment - Part 1: Safety requirements and test methods
Osnova: EN 14960-1:2019
ICS: 97.200.50, 97.190

This European Standard is applicable to inflatable play equipment intended for use by children fourteen years and under both individually and collectively.
This standard specifies safety requirements for inflatable play equipment for which the primary activities are bouncing and sliding. It sets measures to address risks and also to minimize accidents to users for those involved in the design, manufacture and supply of inflatable play equipment. It specifies information to be supplied with the equipment. The requirements have been laid down bearing in mind the risk factor based on available data.
This standard specifies the requirements that will protect a child from hazards that he or she may be unable to foresee when using the equipment as intended, or in a manner that can be reasonably anticipated.
This standard is not applicable to inflatable water-borne play and leisure equipment, domestic inflatable toys, air-supported buildings, inflatables used solely for protection, inflatables used for rescue, or other types of inflatable toys where the primary activity is not bouncing or sliding.

SIST EN 14974:2019 SIST EN 14974:2006+A1:2010
2019-07 (po) (en;fr;de) 28 str. (G)
Skejt parki (poligoni za uporabnike rolk ali podobne opreme za šport s koleščki ter kolesa BMX) - Varnostne zahteve in preskusne metode
Skateparks - Safety requirements and test methods
Osnova: EN 14974:2019
ICS: 97.220.10

This draft European Standard applies to facilities for users of skateboards or similar roller sports equipment as well as BMX cycles (hereinafter referred to as skatepark/skateparks).
It specifies general and specific requirements and the test method for skateparks.
Not all possible forms of design, combinations and/or construction of skateparks and/or skate elements will be specified with this European Standard.
This standard does not apply to bike facilities modelled from ground, gravel or rock.

SIST EN ISO 20957-9:2017/A1:2019
2019-07 (po) (en) 7 str. (B)
Nepremična oprema za vadbo - 9. del: Pedalniki, dodatne posebne varnostne zahteve in preskusne metode - Dopolnilo A1 (ISO 20957-9:2016/Amd 1:2019)
Stationary training equipment - Part 9: Elliptical trainers, additional specific safety requirements and test methods - Amendment 1 (ISO 20957-9:2016/Amd 1:2019)
Osnova: EN ISO 20957-9:2016/A1:2019
ICS: 97.220.30

Dopolnilo A1:2019 je dodatek k standardu SIST EN ISO 20957-9:2017.

SIST/TC TOP Toplota

SIST EN 12976-2:2019 SIST EN 12976-2:2017
2019-07 (po) (en;fr;de) 72 str. (L)
Toplotni sončni sistemi in sestavni deli - Industrijsko izdelani sistemi - 2. del: Preskusne metode
Thermal solar systems and components - Factory made systems - Part 2: Test methods
Osnova: EN 12976-2:2019
ICS: 27.160

This European Standard specifies test methods for validating the requirements for Factory Made Thermal Solar Heating Systems as specified in EN 12976-1. The standard also includes two test methods for thermal performance characterization by means of whole system testing.

SIST EN 15101-1:2013+A1:2019 kSIST EN 15101-1:2013/FprA1:2018
SIST EN 15101-1:2013
2019-07 (po) (en;fr;de) 66 str. (K)
Toplotnoizolacijski proizvodi za stavbe - Razsuti celulozni proizvodi (LFCI) za oblikovanje na mestu vgradnje - 1. del: Specifikacija za proizvode pred vgradnjo
Thermal insulation products for buildings - In-situ formed loose fill cellulose (LFCI) products - Part 1: Specification for the products before installation
Osnova: EN 15101-1:2013+A1:2019
ICS: 91.100.60

This European Standard specifies requirements for loose-fill cellulose insulation (LFCI) products for the thermal and/or sound insulation of buildings when installed into walls, floors, galleries, roofs and ceilings.
This European Standard is a specification for the loose-fill cellulose insulation (LFCI) products before installation.
This European Standard describes the product characteristics and includes procedures for testing, marking and labelling and the rules for evaluation of conformity.
Products covered by this European Standard may also be used in prefabricated thermal insulation systems and composite panels; the structural performance of systems or composite products is not covered by this European Standard.
Products having a declared thermal resistance less than 0,060 m2 • K/W or a declared thermal resistance lower than 0,25 m2 • K/W are not covered by this European Standard.
This European Standard does not specify the required level of all properties to be achieved by a product to demonstrate fitness for purpose in a particular application. The required levels are to be found in local

regulations or non-conflicting standards.
This European Standard does not cover factory made cellulose products placed on the market as bats, mats or boards intended to be used for the insulation of buildings or loose-fill cellulose products for the insulation of building equipment and industrial installations.

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

SIST EN ISO 8560:2019 SIST EN ISO 8560:2002
2019-07 (po) (en;fr;de) 14 str. (D)
Tehnične risbe - Gradbeniške risbe - Prikazovanje modulskih mer, črt in mrež (ISO 8560:2019)
Technical drawings - Construction drawings - Representation of modular sizes, lines and grids (ISO 8560:2019)
Osnova: EN ISO 8560:2019
ICS: 01.100.30

This document lays down rules for the representation of modular sizes, lines and grids on construction drawings. The basic module M is 100 mm (see ISO 1006).
Generally, modular sizes are for use on design drawings, but can also be added to production drawings for manufacturing, orientation and location.

SIST/TC UZO Upravljanje z okoljem

SIST EN ISO 14064-2:2019 SIST EN ISO 14064-2:2012
2019-07 (po) (en) 37 str. (H)
Toplogredni plini - 2. del: Specifikacija z navodilom za količinsko določanje, spremljanje in poročanje o povečanem zmanjševanju ali odstranjevanju emisij toplogrednih plinov na ravni projekta (ISO 14064-2:2019)
Greenhouse gases - Part 2: Specification with guidance at the project level for quantification, monitoring and reporting of greenhouse gas emission reductions or removal enhancements (ISO 14064-2:2019)
Osnova: EN ISO 14064-2:2019
ICS: 13.020.40

This document specifies principles and requirements and provides guidance at the project level for the quantification, monitoring and reporting of activities intended to cause greenhouse gas (GHG) emission reductions or removal enhancements. It includes requirements for planning a GHG project, identifying and selecting GHG sources, sinks and reservoirs (SSRs) relevant to the project and baseline scenario, monitoring, quantifying, documenting and reporting GHG project performance and managing data quality.
The ISO 14060 family of standards is GHG programme neutral. If a GHG programme is applicable, the requirements of that GHG programme are additional to the requirements of the ISO 14060 family of standards.

SIST/TC VAZ Varovanje zdravja

SIST EN 13795-1:2019 SIST EN 13795:2011+A1:2013
2019-07 (po) (en;fr;de) 33 str. (H)
Operacijska oblačila in pokrivala - Zahteve in preskusne metode - 1. del: Operacijska pokrivala in plašči
Surgical clothing and drapes - Requirements and test methods - Part 1: Surgical drapes and gowns
Osnova: EN 13795-1:2019
ICS: 11.140

This European Standard specifies information to be supplied to users and third party verifiers in addition to the usual labelling of medical devices (see EN 1041 and EN ISO 15223-1), concerning manufacturing and processing requirements. This European Standard gives information on the characteristics of single-use and reusable surgical gowns and surgical drapes used as medical devices for patients, clinical staff and equipment, intended to prevent the transmission of infective agents between clinical staff and patients during surgical and other invasive procedures. This European Standard specifies test methods for evaluating the identified characteristics of surgical drapes and gowns and sets performance requirements for these products.
EN 13795-1 does not cover requirements for resistance to penetration by laser radiation of products. Suitable test methods for resistance to penetration by laser radiation, together with an appropriate classification system, are given in EN ISO 11810.
EN 13795-1 does not cover requirements for incise drapes or films.
EN 13795-1 does not cover requirements for antimicrobial treatments for surgical gowns and drapes. Antimicrobial treatment may cause environmental risks such as resistance and pollution. However, antimicrobial treated surgical gowns and drapes fall under the scope of this standard with respect to their use as surgical gowns and drapes.

SIST EN 13795-2:2019 SIST EN 13795:2011+A1:2013
2019-07 (po) (en;fr;de) 29 str. (G)
Operacijska oblačila in pokrivala - Zahteve in preskusne metode - 2. del: Čista oblačila
Surgical clothing and drapes - Requirements and test methods - Part 2: Clean air suits
Osnova: EN 13795-2:2019
ICS: 11.140

This European Standard specifies information to be supplied to users and third party verifiers in addition to the usual labelling of medical devices (see EN 1041 and EN ISO 15223-1), concerning manufacturing and processing requirements. This European Standard gives information on the characteristics of single-use and reusable clean air suits used as medical devices for clinical staff, intended to prevent the transmission of infective agents between clinical staff and patients during surgical and other invasive procedures. This European Standard specifies test methods for evaluating the identified characteristics of clean air suits and sets performance requirements for these products.

SIST EN ISO 11138-7:2019 SIST EN ISO 14161:2010
2019-07 (po) (en) 73 str. (L)
Sterilizacija izdelkov za zdravstveno nego - Biološki indikatorji - 7. del: Navodilo za izbiro, uporabo in predstavitev rezultatov (ISO 11138-7:2019)
Sterilization of health care products - Biological indicators - Part 7: Guidance for the selection, use and interpretation of results (ISO 11138-7:2019)
Osnova: EN ISO 11138-7:2019
ICS: 11.080.01

This document provides guidance for the selection, use and interpretation of results from application of biological indicators when used in the development, validation and routine monitoring of sterilization processes.
It does not consider those processes that rely solely on physical removal of microorganisms, e.g. filtration.
It is not applicable to combination processes using, for example, washer-disinfectors or flushing and steaming of pipelines.
It does not specify requirements for the selection and use of biological indicators intended to monitor vaporised hydrogen peroxide processes for isolator and room biodecontamination processes at atmospheric pressure.
It is not applicable to liquid immersion sterilization processes.

SIST EN ISO 20186-1:2019 SIST-TS CEN/TS 16835-1:2015
2019-07 (po) (en) 28 str. (G)
Molekularne diagnostične preiskave in vitro - Specifikacije za predpreiskovalne procese za vensko polno kri - 1. del: Izolirana celična RNA (ISO 20186-1:2019)
Molecular in vitro diagnostic examinations - Specifications for pre-examination processes for venous whole blood - Part 1: Isolated cellular RNA (ISO 20186-1:2019)
Osnova: EN ISO 20186-1:2019
ICS: 11.100.30, 11.100.10

This International Standard recommends the handling, documentation, storage and processing of venous whole blood specimens intended for cellular RNA examination during the pre-examination phase before a molecular assay is performed. This International Standard covers specimens collected in venous whole blood collection tubes. This International Standard is applicable to molecular in vitro diagnostic examinations including laboratory developed tests performed by medical laboratories. It is also intended to be used by laboratory customers, in vitro diagnostics developers and manufacturers, but also pertains institutions and commercial organizations performing biomedical research, biobanks, and regulatory authorities.
Blood cellular RNA profiles can change significantly after blood collection. Therefore, special measures need to be taken to secure good quality blood samples for cellular RNA examination and storage.
Different dedicated measures need to be taken for stabilising blood cell free circulating RNA and RNA in exosomes circulating in blood, which are not described in this International Standard.
Different dedicated measures need to be taken for collecting, stabilizing, transporting and storing capillary blood as well as for collecting and storing blood by paper based technologies or other technologies generating dried blood. These are not described in this International Standard.
RNA in pathogens present in blood is not covered by this International Standard.
NOTE International, national or regional regulations or requirements may also apply to specific topics covered in this International Standard.

SIST EN ISO 20186-2:2019 SIST-TS CEN/TS 16835-2:2015
2019-07 (po) (en) 28 str. (G)
Molekularne diagnostične preiskave in vitro - Specifikacije za predpreiskovalne procese za vensko polno kri - 2. del: Iz genoma izolirana DNA (ISO 20186-2:2019)
Molecular in vitro diagnostic examinations - Specifications for pre-examination processes for venous whole blood - Part 2: Isolated genomic DNA (ISO 20186-2:2019)
Osnova: EN ISO 20186-2:2019
ICS: 11.100.30, 11.100.10

This International Standard recommends the handling, documentation, storage and processing of venous whole blood specimens intended for genomic DNA analysis examination during the pre-examination phase before a molecular assay is performed. This International Standard covers specimens collected in venous whole blood collection tubes. This International Standard is applicable to molecular in vitro diagnostic examinations including laboratory developed tests performed by (e.g., medical laboratories. It is also intended to be used by, laboratory customers, in vitro diagnostics developers and manufacturers, but also pertains institutions and commercial organizsations performing biomedical research, biobanks, and regulatory authorities).
Blood genomic DNA can fragment or degrade after blood collection. Therefore, special measures need to be taken to secure good quality blood samples for genomic DNA analysisexamination. This is particularly relevant for analytical test procedures requiring high molecular weight DNA.
Different dedicated measures have to be taken for preserving blood cell free circulating DNA, which are not described in this International Standard. Circulating cell free DNA in blood is covered in ISO 20091-3, Molecular in vitro diagnostic examinations — Specifications for pre-examination processes for venous whole blood — Part 3: Isolated circulating cell free DNA from plasma.
Different dedicated measures need to be taken for collecting, stabilizsing, transporting and storing capillary blood as well as for collecting and storing blood by paper based technologies or other technologies generating dried blood. These are not described in this International Standard.
Pathogen DNA present in blood is not covered by this International Standard.

NOTE International, national or regional regulations or requirements may also apply to specific topics covered in this International Standard.

SIST EN ISO 9873:2019 SIST EN ISO 9873:2017
2019-07 (po) (en) 19 str. (E)
Zobozdravstvo - Intraoralna ogledala (ISO 9873:2019)
Dentistry - Intra-oral mirrors (ISO 9873:2019)
Osnova: EN ISO 9873:2019
ICS: 11.060.25

This document specifies requirements and test methods for reusable intra-oral mirrors with a coated glass reflecting surface used for dental purposes in the oral cavity.
In addition, specific requirements for metallic casing and metallic handles are given.

SIST-TS CEN/TS 17305:2019
2019-07 (po) (en;fr;de) 17 str. (E)
Molekularne diagnostične preiskave in vitro - Specifikacije za predpreiskovalne procese za slino - Izolirani človeški DNK
Molecular in vitro diagnostic examinations - Specifications for pre-examination processes for saliva - Isolated human DNA
Osnova: CEN/TS 17305:2019
ICS: 11.100.10

This document gives requirements on the handling, storage, processing and documentation of saliva specimens intended for human DNA examination during the pre-examination phase before a molecular examination is performed.
This document is applicable to molecular in vitro diagnostic examination including laboratory developed tests performed by medical laboratories. It is also intended to be used by laboratory customers, in vitro diagnostics developers and manufacturers, biobanks, institutions and commercial organisations performing biomedical research, and regulatory authorities.
Dedicated measures that need to be taken for saliva collected on absorbing material or by mouth washes are not described in this technical specification. Neither are measures for preserving and handling of native saliva cell-free DNA, pathogens, and other bacterial or whole microbiome DNA in saliva described.
NOTE International, national or regional regulations or requirements can also apply to specific topics covered in this document.

SIST/TC VLA Vlaga

SIST EN 13375:2019 SIST EN 13375:2005
2019-07 (po) (en;fr;de) 12 str. (C)
Hidroizolacijski trakovi - Hidroizolacija betonskih premostitvenih objektov in drugih betonskih povoznih površin - Priprava preskušancev
Flexible sheets for waterproofing - Waterproofing of concrete bridge decks and other concrete surfaces trafficable by vehicles - Specimen preparation
Osnova: EN 13375:2019
ICS: 91.100.30, 93.080.20, 91.100.50

This European Standard is one of a series of standards applicable to flexible sheets for waterproofing of concrete bridge decks and other concrete surfaces trafficable by vehicles. This document specifies:
- the composition, the characteristics and the preparation procedure of the base specimen concrete slabs;
- the composition, the characteristics and the preparation procedure of different bituminous mixtures for the asphalt layer;
- the rules for the preparation of specimens.

SIST/TC ŽEN Železniške električne naprave

SIST EN 50121-3-1:2017/A1:2019
2019-07 (po) (en) 3 str. (A)
Železniške naprave - Elektromagnetna združljivost - 3-1. del: Vozna sredstva - Vlak in celotno vozilo
Railway applications - Electromagnetic compatibility - Part 3-1: Rolling stock - Train and complete vehicle
Osnova: EN 50121-3-1:2017/A1:2019
ICS: 45.060.01, 33.100.01

Dopolnilo A1:2019 je dodatek k standardu SIST EN 50121-3-1:2017.

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

SIST EN 50194-2:2019 SIST EN 50194-2:2007
SIST EN 50194-2:2007/A1:2016
2019-07 (po) (en) 18 str. (E)
Električne naprave za zaznavanje vnetljivega plina v gospodinjstvih - 2. del: Električne naprave za neprekinjeno delovanje v inštalacijah, vgrajenih v vozilih za rekreacijo, in na sorodnih področjih - Dodatne preskusne metode in zahteve za delovanje
Electrical apparatus for the detection of combustible gases in domestic premises - Part 2: Electrical apparatus for continuous operation in a fixed installation in recreational vehicles and similar premises - Additional test methods and performance requirements
Osnova: EN 50194-2:2019
ICS: 13.120, 13.320

This document specifies test methods and performance requirements for electrical apparatus for the detection of combustible gases designed for continuous operation in a fixed installation in recreational vehicles and similar premises.
NOTE 1 For caravan holiday homes EN 50194-1 applies.
This document specifies apparatus designed to operate in the event of an escape of liquefied petroleum gas (LPG) and/or petrol (gasoline) vapour and to provide a visual and audible alarm and an executive action in the form of an output signal that can actuate directly or indirectly a shut-off device and/or other ancillary device (Type A of EN 50194-1).
The document excludes apparatus for the detection of toxic gases such as carbon monoxide (see EN 50291).
Apparatus complying with this document is not considered suitable for industrial or commercial installations for which EN 60079-29-1 apply.
NOTE 2 Apparatus tested in accordance with EN 60079-29-1 will not necessarily comply with this standard.

SIST EN 50632-1:2015/A1:2019
2019-07 (po) (en) 6 str. (B)
Elektromotorna orodja - Postopek meritve prahu - 1. del: Splošne zahteve - Dopolnilo A1
Electric motor-operated tools - Dust measurement Procedure - Part 1: General requirements
Osnova: EN 50632-1:2015/A1:2019
ICS: 25.140.20

Dopolnilo A1:2019 je dodatek k standardu SIST EN 50632-1:2015.

SIST EN 140401-804:2011/A2:2019
2019-07 (po) (en) 4 str. (A)
Podrobna specifikacija: Zelo stabilni fiksni plastni upori majhnih moči za površinsko montažo (SMD) - Pravokotni - Razreda stabilnosti 0,1 in 0,25 - Dopolnilo A2
Detail Specification: Fixed low power film high stability SMD resistors - Rectangular - Stability classes 0,1; 0,25
Osnova: EN 140401-804:2011/A2:2019
ICS: 31.040.10

Dopolnilo A2:2019 je dodatek k standardu SIST EN 140401-804:2011.

SIST EN IEC 60384-17:2019 SIST EN 60384-17:2006
2019-07 (po) (en) 47 str. (I)
Nespremenljivi kondenzatorji za uporabo v elektronski opremi - 17. del: Področna specifikacija - Nespremenljivi kondenzatorji z dielektrikom iz metalizirane polipropilenske folije za izmenične napetosti in impulzni kondenzatorji (IEC 60384-17:2019)
Fixed capacitors for use in electronic equipment - Part 17: Sectional specification - Fixed metallized polypropylene film dielectric AC and pulse capacitors (IEC 60384-17:2019)
Osnova: EN IEC 60384-17:2019
ICS: 31.060.10

This part of IEC 60384 applies to fixed capacitors with metallized electrodes and polypropylene dielectric for use in electronic equipment.
NOTE Capacitors that have mixed film and metallized electrodes are also within the scope of this standard.
These capacitors may have "self-healing" properties depending on conditions of use.
Capacitors covered by this specification are mainly intended for use with alternating voltage and/or for pulse applications. The maximum reactive power applicable is 10 000 var and the maximum peak voltage is 3 000 V.
Capacitors for reactive power exceeding 500 var, and to which a maximum peak voltage of 2 500 V at 50 Hz can be applied, are not covered by this document, except when they are the highest part of a range of reactive power mainly situated below 500 var at 50 Hz.
This document is not intended to cover capacitance values higher than 20 µF.
Two performance grades of capacitors are covered, Grade 1 for long-life application and Grade 2 for general application.
Capacitors for electromagnetic interference suppression are not included, but are covered by IEC 60384-14.
Capacitors for electrical shock hazard protection (covered by IEC 60065 of IEC technical committee 61) and fluorescent lamp and motor capacitors (covered by IEC 60252-1 and IEC 60252-2 of IEC technical committee 33), and capacitors for use in tubular fluorescent and other discharge lamp circuits (covered by IEC 61048 and IEC 61049 of IEC technical committee 34) are also excluded.

SIST EN IEC 60512-99-002:2019
2019-07 (po) (en) 16 str. (D)
Konektorji za električno in elektronsko opremo - Preskusi in meritve - 99-002. del: Časovni načrt preskušanja vzdržljivosti - Preskus 99b: Načrt preskušanja za nenamerni vklop pri električni obremenitvi (IEC 60512-99-002:2019)
Connectors for electrical and electronic equipment - Tests and measurements - Part 99-002: Endurance test schedules - Test 99b, Test schedule for unmating under electrical load (IEC 60512-99-002:2019)
Osnova: EN IEC 60512-99-002:2019
ICS: 31.220.10

This part of IEC 60512 is used for testing connectors within the scope of SC 48B that are used in twisted pair communication cabling with remote power, such as ISO/IEC 11801 Class D (or better), balanced cabling in support of IEEE Std 802.3bt™, (PoE Plus – Power over Ethernet Plus).

The object of this document is to detail a test schedule to determine the ability of pairs of connectors to withstand a sequence of tests with a total of 100 engagements and separations.
The electrical current is passed through the connectors during the separation (unmating) step only, in accordance with IEC 60512-9-3.

SIST EN IEC 60749-17:2019 SIST EN 60749-17:2004
2019-07 (po) (en) 11 str. (C)
Polprevodniški elementi - Metode za mehansko in klimatsko preskušanje - 17. del: Obsevanje z nevtroni (IEC 60749-17:2019)
Semiconductor devices - Mechanical and climatic test methods - Part 17: Neutron irradiation (IEC 60749-17:2019)
Osnova: EN IEC 60749-17:2019
ICS: 31.080.01

The neutron irradiation test is performed to determine the susceptibility of semiconductor devices to non-ionizing energy loss (NIEL) degradation. The test described herein is applicable to integrated circuits and discrete semiconductor devices and is intended for military- and aerospace-related applications. It is a destructive test.
The objectives of the test are as follows:
a) to detect and measure the degradation of critical semiconductor device parameters as a function of neutron fluence, and
b) to determine if specified semiconductor device parameters are within specified limits after exposure to a specified level of neutron fluence (see Clause 6).

SIST EN IEC 61076-3-124:2019
2019-07 (po) (en) 48 str. (I)
Konektorji za električno in elektronsko opremo - Zahteve za izdelek - 3-124. del: Pravokotni konektorji - Podrobna specifikacija za 10-redne, oklepljene, proste ali pritrjene konektorje za izvajanje vhodno/izhodnih funkcij (I/O) in prenosa podatkov s frekvencami do 500 MHz (IEC 61076-3-124:2019)
Connectors for electrical and electronic equipment - Product requirements - Part 3-124: Rectangular connectors - Detail specification for 10-way, shielded, free and fixed connectors for I/O and data transmission with frequencies up to 500 MHz (IEC 61076-3-124:2019)
Osnova: EN IEC 61076-3-124:2019
ICS: 31.220.10

This part of IEC 61076 covers 10-way, shielded, free and fixed rectangular connectors for data transmission with frequencies up to 500 MHz and specifies the common dimensions, mechanical, electrical and transmission characteristics and environmental requirements as well as test specifications respectively.
Connectors covered in this document are provided in three codings that differ only for the position of the polarization key and keyway, in view of their differently intended use:
• Connectors Type A and C are intended for 10/100 Mbit/s as well as for 1/ 2,5 / 5 /10 Gbit/s Ethernet communication.
• Connectors Type B are intended for all other non-Ethernet applications such as signalling, serial or other industrial bus communication systems.
A-coding: The 45° cut corner used as polarization key and keyway system is located on the lower left corner of the male fixed connector (viewed from mating face) (Figures 5a, 5b).
B-coding: The 45° cut corner is located on the upper left corner of the male fixed connector (Figures 5c, 5d).
C-coding: There are two 45° corners located at the upper left and lower left corner (Figures 5e, 5f).
In this document, the three codings, A, B, and C are designated as “Type A”, “Type B” and “Type C”.

SIST EN IEC 62228-3:2019
2019-07 (po) (en) 77 str. (L)
Integrirana vezja - Vrednotenje elektromagnetne združljivosti (EMC) oddajnikov-sprejemnikov - 3. del: Oddajniki-sprejemniki CAN (IEC 62228-3:2019)
Integrated circuits - EMC evaluation of transceivers - Part 3: CAN transceivers (IEC 62228-3:2019)
Osnova: EN IEC 62228-3:2019
ICS: 33.100.01, 31.200

This part of IEC 62228 specifies test and measurement methods for EMC evaluation of CAN transceiver ICs under network condition. It defines test configurations, test conditions, test signals, failure criteria, test procedures, test setups and test boards. It is applicable for CAN standard transceivers, CAN transceivers with partial networking functionality and CAN transceivers with flexible data rate capability and covers
• the emission of RF disturbances,
• the immunity against RF disturbances,
• the immunity against impulses, and
• the immunity against electrostatic discharges (ESD).

SIST EN IEC 62433-1:2019
2019-07 (po) (en) 62 str. (K)
Modeliranje integriranih vezij (IC) za elektromagnetno združljivost (EMC) - 1. del: Splošni modelirni okvir (IEC 62433-1:2019)
EMC IC modelling - Part 1: General modelling framework (IEC 62433-1:2019)
Osnova: EN IEC 62433-1:2019
ICS: 33.100.01, 31.200

This part of IEC 62433 specifies the framework and methodology for EMC IC macro-modelling. Terms that are commonly used in IEC 62433 (all parts), different modelling approaches, requirements and data-exchange format for each model category that is standardized in this series are defined in this document.

SIST EN IEC 62966-1:2019
2019-07 (po) (en) 22 str. (F)
Mehanske strukture za električno in elektronsko opremo - Omejitev prehoda za IT-omarice - 1. del: Mere in mehanske zahteve (IEC 62966-1:2019)
Mechanical structures for electrical and electronic equipment - Aisle containment for IT cabinets - Part 1: Dimensions and mechanical requirements (IEC 62966-1:2019)
Osnova: EN IEC 62966-1:2019
ICS: 31.240

This part of IEC 62966 defines the dimensions and mechanical requirements of aisle containment for information technology (IT) cabinets. The cabinets concerned are dealt with in the standard series IEC 60297 and IEC 60917. The objective of this document is to stipulate properties and requirements of aisle containment ensuring cost effective installation, energy-efficient and user-friendly operation of IT equipment in data centres and server rooms.

SIST-V CEN/CLC Guide 8:2019
2019-07 (po) (en;fr;de) 16 str. (D)
Smernice CEN/CENELEC za izvajanje skupne politike na področju patentov (in drugih zakonsko določenih pravic intelektualne lastnine, ki temeljijo na izumih)
CEN-CENELEC Guidelines for Implementation of the Common Policy on Patents (and other statutory intellectual property rights based on inventions)
Osnova: CEN/CLC Guide 8:2019
ICS: 03.140

CEN and CENELEC have had an intellectual property rights (IPR) policy for many years under the provision of the CEN-CENELEC Guide 8 "Standardization and intellectual property rights (IPR)"; the purpose of these common guidelines is to provide in simple words practical guidance to the participants in their technical bodies in case patent or other intellectual property rights matters arise.
For the sake of clarity this document refers to "patents", as most - but not all - IPR issues that CEN and CENELEC technical bodies have to deal with concern patent rights. However, the same implementation principles shall apply to other statutory intellectual property rights based on inventions that may arise, such as utility models or registered semiconductor topographies (see Clause 2, Terms and definitions).
Considering that technical experts are not normally familiar with the complex issue of patent law, the Common Patent Policy for ISO/IEC/ITU endorsed by CEN and CENELEC (hereafter referred to as the "Patent Policy") was drafted in its operative part as a checklist covering the three different cases which may arise if a deliverable requires licences for patents to be practiced or implemented, fully or partly.
These Guidelines for Implementation of the Common Policy on Patents for CEN and CENELEC (hereafter referred to as the "Guidelines") are intended to complement, clarify and facilitate the implementation of the Patent Policy, a copy of which can be found in Annex 1 and also on the websites of both organisations.
The CEN and CENELEC Patent Policy requests stakeholders participating in technical Committees, and in particular patent holders, to proceed to early disclosures and identification of patents that may be considered, at the best of their knowledge, to be essential for the future use of the deliverables under development. In doing so, greater efficiency in standards development is possible and potential patent rights problems can be avoided.
CEN and CENELEC are not involved in evaluating patent relevance or essentiality with regard to deliverables, nor to interfere with licensing negotiations, or engage in settling disputes on patents. This is left to the parties concerned.

SIST EN 50556:2019 SIST EN 50556:2011
2019-07 (po) (en) 49 str. (I)
Sistemi prometne signalizacije
Road traffic signal systems
Osnova: EN 50556:2018
ICS: 93.080.30

This document specifies requirements for Road Traffic Signal Systems, including their development, design, testing, installation and maintenance.
In particular, it forms the electrotechnical part of the following two standards issued by CEN:
— EN 12368, *Traffic control equipment — Signal heads*;
— EN 12675, *Traffic signal controllers — Functional safety requirements*.
Each of these standards above will be used with this standard either singly or together to define an operational equipment or system. This will be achieved by using the electrotechnical methods and testing defined in this standard.
Where Road Traffic Signal Systems are to be used with other systems, e.g. public lighting or railway signalling and communication, this document will be used with any other respective standard(s) for the other associated systems to ensure that overall safety is not compromised.
This document is applicable to traffic signal control equipment permanently and temporarily installed, and portable traffic control equipment, with the exception of portable traffic signal equipment only capable of controlling alternate / shuttle working lanes (as further defined in 3.2.10).

SS SPL Strokovni svet SIST za splošno področje

SIST EN 13757-4:2019 SIST EN 13757-4:2013
2019-07 (po) (en;fr;de) 100 str. (M)
Komunikacijski sistemi za števce - 4. del: Brezžično komuniciranje po M-vodilu
Communication systems for meters - Part 4: Wireless M-Bus communication
Osnova: EN 13757-4:2019
ICS: 35.100.20, 35.100.10, 33.200

This European Standard specifies the requirements of parameters for the physical and the link layer for systems using radio to read remote meters. The primary focus is to use the Short Range Device (SRD) unlicensed telemetry bands. The standard encompasses systems for walk-by, drive-by and fixed installations. As a broad definition, this European Standard can be applied to various application layers.

SIST EN 13941-1:2019 SIST EN 13941:2009+A1:2010
2019-07 (po) (en;fr;de) 158 str. (P)
Cevi za daljinsko ogrevanje - Projektiranje in vgradnja toplotno izoliranih spojenih eno- in dvocevnih sistemov za neposredno zakopana vročevodna omrežja - 1. del: Projektiranje
District heating pipes - Design and installation of thermal insulated bonded single and twin pipe systems for directly buried hot water networks - Part 1: Design
Osnova: EN 13941-1:2019
ICS: 23.040.07, 91.140.10

This European Standard specifies requirements for design, calculation and installation of factory made thermal insulated bonded single and twin pipe systems for directly buried hot water networks for continuous operation with treated hot water at various temperatures up to 120 ºC and occasionally with peak temperatures up to 140 ºC and maximum internal pressure 2,5 MPa. Flexible pipe systems according to EN 15632 are not under the scope of this standard.
The standard EN 13941, Design and installation of thermal insulated bonded single and twin pipe systems for directly buried hot water networks consists of two parts:
a) prEN 13941-1: Design;
b) prEN 13941-2: Installation.
The requirements and stipulations in this part: EN 13941-1, form an unbreakable unity with those of prEN 13941-2. This part shall therefore exclusively be used in combination with prEN 13941-2.
The principles of the standard may be applied to thermal insulated pipe systems with pressures higher than 2,5 MPa, provided that special attention is paid to the effects of pressure.
Adjacent pipes, not buried, but belonging to the network (e. g. pipes in ducts, valve chambers, road crossings above ground etc.) may be designed and installed according to this standard.
This standard presupposes the use of treated water, which by softening, demineralisation, de-aeration, adding of chemicals, or otherwise has been treated to effectively prevent internal corrosion and deposits in the pipes.
NOTE For further information on water qualities to be used in district heating pipe systems see also [1].
This standard is not applicable for such units as:
a) pumps;
b) heat exchangers;
c) boilers, tanks;
d) systems behind domestic substations.

SIST EN 13941-2:2019 SIST EN 13941:2009+A1:2010
2019-07 (po) (en;fr;de) 95 str. (M)
Cevi za daljinsko ogrevanje - Projektiranje in vgradnja toplotno izoliranih spojenih eno- in dvocevnih sistemov za neposredno zakopana vročevodna omrežja - 2. del: Vgradnja
District heating pipes - Design and installation of thermal insulated bonded single and twin pipe systems for directly buried hot water networks - Part 2: Installation
Osnova: EN 13941-2:2019
ICS: 23.040.07, 91.140.10

This European Standard specifies requirements for design, calculation and installation of factory made thermal insulated bonded single and twin pipe systems for directly buried networks for continuous operation with treated hot water at various temperatures up to 120 ºC and occasionally with peak temperatures up to 140 ºC and maximum internal pressure 2,5 MPA. Flexible pipe systems according to EN 15632 are not under the scope of this standard.
The standard EN 13941, Design and installation of thermal insulated bonded single and twin pipe systems

for directly buried hot water networks consists of two parts:
a) EN 13941-1: Design;
b) EN 13941-2: Installation.
The requirements and stipulations in this part: prEN 13941-2, form an unbreakable unity with those of prEN 13941-1. This part shall therefore exclusively be used in combination with prEN 13941-1.
The principles of the standard may be applied to thermal insulated pipe systems with pressures higher than 2,5 MPa, provided that special attention is paid to the effects of pressure.
Adjacent pipes, not buried, but belonging to the network (e. g. pipes in ducts, valve chambers, road crossings above ground etc.) may be designed and installed according to this standard.
This standard presupposes the use of treated water, which by softening, demineralisation, de-aeration, adding of chemicals, or otherwise has been treated to effectively prevent internal corrosion and deposits in the pipes.
This standard is not applicable for such units as:
a) pumps;
b) heat exchangers;
c) boilers, tanks;
d) systems behind domestic substations.

SIST EN 14175-3:2019 SIST EN 14175-3:2004
2019-07 (po) (en;fr;de) 23 str. (F)
Digestoriji - 3. del: Metode preskusa tipa
Fume cupboards - Part 3: Type test methods
Osnova: EN 14175-3:2019
ICS: 71.040.10

This document specifies type test methods for the assessment of safety and performance of fume cupboards connected to an exhaust air system. Relevant requirements are specified in EN 14175-2. For terms and their definitions, EN 14175-1 applies. For safety and performance requirements of fume cupboards, EN 14175-2 applies. For on-site test methods of fume cupboards, EN 14175-4 applies. For the type testing and on-site testing of variable air volume (VAV) fume cupboards, EN 14175-6 applies in addition to this standard. For fume cupboards for high heat and acidic load, EN 14175-7 applies.
For the testing of recirculation filtration fume cupboards, EN 17242:—1 applies.
For the testing of microbiological safety cabinets, EN 12469 applies.

SIST EN 16602-70-38:2019
2019-07 (po) (en;fr;de) 151 str. (P)
Zagotavljanje kakovosti proizvodov v vesoljski tehniki - Visoka zanesljivost spajkanja za površinsko montažo in mešano tehnologijo
Space product assurance - High-reliability soldering for surface-mount and mixed technology
Osnova: EN 16602-70-38:2019
ICS: 49.140, 25.160.50

This Standard defines the technical requirements and quality assurance provisions for the manufacture and verification of high-reliability electronic circuits based on surface mounted device (SMD) and mixed technology.
The Standard defines acceptance and rejection criteria for high-reliability manufacture of surface-mount and mixed-technology circuit assemblies intended to withstand normal terrestrial conditions and the vibrational g loads and environment imposed by space flight.
The proper tools, correct materials, design and workmanship are covered by this document. Workmanship standards are included to permit discrimination between proper and improper work.
The assembly of leaded devices to through-hole terminations and general soldering principles are covered in ECSS-Q-ST-70-08.
Requirements related to printed circuit boards are contained in ECSS-Q-ST-70 10, ECSS-Q-ST-70-11 and ECSS-Q-ST-70-12 . The mounting and supporting of devices, terminals and conductors prescribed herein applies to assemblies at PCB level designed to continuously operate over the mission within the

temperature limits of -55 •C to +85 •C.
For temperatures outside this normal range, special design, verification and qualification testing is performed to ensure the necessary environmental survival capability.
Special thermal heat sinks are applied to devices having high thermal dissipation (e.g. junction temperature of 110 •C, power transistors) in order to ensure that solder joints do not exceed 85 •C.
Verification of SMD assembly processes is made on test vehicles (surface mount verification samples). Temperature cycling ensures the operational lifetime for spacecraft. However, mechanical testing only indicates SMD reliability as it is unlikely that the test vehicle represents every flight configuration.
This Standard does not cover the qualification and acceptance of the EQM and FM equipment with surface-mount and mixed-technology.
The qualification and acceptance tests of equipment manufactured in accordance with this Standard are covered by ECSS-E-ST-10-03.
This standard may be tailored for the specific characteristics and constraints of a space project, in accordance with ECSS-S-ST-00.

SIST EN 16603-33-01:2019
2019-07 (po) (en;fr;de) 74 str. (L)
Vesoljska tehnika - Mehanizmi
Space engineering - Mechanisms
Osnova: EN 16603-33-01:2019
ICS: 49.140

This Standard specifies the requirements applicable to the concept definition, design, analysis, development, production, test verification and in-orbit operation of space mechanisms on spacecraft and payloads in order to meet the mission performance requirements.
This version of the standard has not been produced with the objective to cover also the requirements for mechanisms on launchers. Applicability of the requirements contained in this current version of the standard to launcher mechanisms is a decision left to the individual launcher project.
Requirements in this Standard are defined in terms of what shall be accomplished, rather than in terms of how to organise and perform the necessary work. This allows existing organizational structures and methods to be applied where they are effective, and for the structures and methods to evolve as necessary without rewriting the standards. Complementary non ECSS handbooks and guidelines exist to support mechanism design.
This standard may be tailored for the specific characteristic and constrains of a space project in conformance with ECSS-S-ST-00.

SIST EN 16603-33-11:2019 SIST EN 14607-6:2005
2019-07 (po) (en;fr;de) 76 str. (L)
Vesoljska tehnika - Eksplozivni podsistemi in naprave
Space engineering - Explosive subsystems and devices
Osnova: EN 16603-33-11:2019
ICS: 29.260.20, 49.140

This Standard defines the requirements for the use of explosives on all spacecraft and other space products including launch vehicles. It addresses the aspects of design, analysis, verification, manufacturing, operations and safety.
This standard may be tailored for the specific characteristics and constraints of a space project in conformance with ECSS-S-ST-00.

SIST EN 16825:2016/A1:2019
2019-07 (po) (en;fr;de) 4 str. (A)
Hladilne omare in pulti za profesionalno uporabo - Razvrstitev, zahteve in preskusni pogoji - Dopolnilo A1
Refrigerated storage cabinets and counters for professional use - Classification, requirements and test conditions
Osnova: EN 16825:2016/A1:2019
ICS: 27.015, 97.130.20

Dopolnilo A1:2019 je dodatek k standardu SIST EN 16825:2016.

SIST EN 17038-1:2019
2019-07 (po) (en;fr;de) 34 str. (H)
Črpalke - Metode za kvalifikacijo in verifikacijo indeksa energijske učinkovitosti centrifugalnih črpalk - 1. del: Splošne zahteve in postopki za preskušanje in izračun indeksa energijske učinkovitosti (EEI)
Pumps - Methods of qualification and verification of the Energy Efficiency Index for rotodynamic pumps units - Part 1: General requirements and procedures for testing and calculation of energy efficiency index (EEI)
Osnova: EN 17038-1:2019
ICS: 23.080

This document covers pump units consisting of:
- one single or several rotodynamic water pump(s), including where integrated in other products, and driven by a motor system, consisting of an electrical motor and
- either a terminal box which only enables to operate the pump unit at constant motor stator frequency and thereby (nearly) constant rotational speed,
- or a CDM (Complete Drive Module) which enables to operate the pump unit at variable rotational speed depending on a varying demand of flow rate and/or discharge or differential pressure.
NOTE 1 A motor system which consists of an electric motor and a CDM is also called PDS (Power Drive System).
NOTE 2 A CDM is also often called VSD (Variable Speed Drive).
Pump units as defined above are treated as extended products in respect to their energy efficiency.

SIST EN 17038-2:2019
2019-07 (po) (en;fr;de) 66 str. (K)
Črpalke - Metode za kvalifikacijo in verifikacijo indeksa energijske učinkovitosti centrifugalnih črpalk - 2. del: Preskušanje in računanje indeksa energijske učinkovitosti (IEE) enodelnih črpalk
Pumps - Methods of qualification and verification of the Energy Efficiency Index for rotodynamic pumps units - Part 2: Testing and calculation of energy Efficiency Index (EEI) of single pump units
Osnova: EN 17038-2:2019
ICS: 27.015, 23.080

This European standard specifies methods and procedures for testing, calculating and determining the Energy Efficiency Index (EEI) of rotodynamic glanded single pump units for pumping clean water, including where integrated in other products.
The pump types and sizes covered by this standard are described in the normative Annex A.

SIST EN 2414:2019
2019-07 (po) (en;fr;de) 7 str. (B)
Aeronavtika - Podložke, gladke, z ugreznjeno izvrtino, iz kadmiranega legiranega jekla
Aerospace series - Washers, chamfered, with counterbore, in alloy steel, cadmium plated
Osnova: EN 2414:2019
ICS: 21.060.30, 49.030.50

This document specifies the characteristics of chamfered washers, with counterbore, in alloy steel, cadmium plated, for maximum operating temperature 235 °C.

SIST EN 2583:2019 SIST EN 2583:2001
2019-07 (po) (en;fr;de) 24 str. (F)
Aeronavtika - Sorniki, navoj MJ, iz toplotnoodporne zlitine na nikljevi osnovi NI-PH2601 (Inconel 718) - Klasifikacija: 1270 MPa (pri okoljski temperaturi)/650 °C - Tehnična specifikacija
Aerospace series - Bolts, MJ threads, in heat resisting nickel base alloy NI-PH2601 (Inconel 718) - Classification: 1 275 MPa (at ambient temperature)/650°C - Technical specification
Osnova: EN 2583:2019
ICS: 21.060.10, 49.030.20

This standard specifies the characteristics, qualification and acceptance requirements for bolts with MJ threads in NI-PH2601.
Classification: 1 275 MPa1/650 °C2.
It is applicable whenever referenced.

SIST EN 3275:2019 SIST EN 3275:2004
2019-07 (po) (en;fr;de) 30 str. (G)
Aeronavtika - Cevni priključek 8°30' do 28 000 kPa - Dinamično tesnilo snopa - Metrične serije - Tehnična specifikacija
Aerospace series - Pipe coupling 8°30' up to 28 000 kPa Dynamic beam seal - Metric series - Technical specification
Osnova: EN 3275:2019
ICS: 49.080

This European standard specifies the required characteristics, inspection and test methods, quality assurance and procurement requirements for metric series 8°30’ dynamic beam seal pipe couplings, for temperature ranges type II and III according to ISO 6771 and nominal pressure up to 28 000 kPa.

SIST EN 3660-004:2019+AC:2019 SIST EN 3660-004:2019
2019-07 (po) (en;fr;de) 12 str. (C)
Aeronavtika - Dodatki za okrogle in pravokotne električne in optične konektorje - 004. del: Kabelska spojka, tip A, ravna, netesnjena, z razbremenilno sponko - Standard za proizvod (vključno s popravkom AC)
Aerospace series - Cable outlet accessories for circular and rectangular electrical and optical connectors - Part 004: Cable outlet, style A, straight, unsealed with clamp strain relief - Product standard
Osnova: EN 3660-004:2018+AC:2019
ICS: 31.220.10, 49.060,

This document defines a range of cable outlets, style A, straight, unsealed with clamp strain relief for use under the following conditions:
Associated electrical connector(s) : EN 3660-002
Temperature range, Class N : - 65 °C to 200 °C
Class W: - 65 °C to 175 °C
Class K: - 65 °C to 260 °C
Class A: - 65 °C to 200 °C
Class T: - 65 °C to 175 °C (Nickel PTFE plating)
Class Z: - 65 °C to 175 °C (Black zinc nickel plating)

SIST EN 3660-005:2019+AC:2019 SIST EN 3660-005:2019
2019-07 (po) (en;fr;de) 12 str. (C)
Aeronavtika - Dodatki za okrogle in pravokotne električne in optične konektorje - 005. del: Kabelska spojka, tip A, 90°, netesnjena, z razbremenilno sponko - Standard za proizvod (vključno s popravkom AC)
Aerospace series - Cable outlet accessories for circular and rectangular electrical and optical connectors - Part 005: Cable outlet, style A, 90°, unsealed with clamp strain relief - Product standard
Osnova: EN 3660-005:2018+AC:2019
ICS: 31.220.10, 49.060

This European Standard defines a range of cable outlets, style A, 90°, unsealed with clamp strain relief for use under the following conditions:
Associated electrical connector(s) : EN 3660-002
Temperature range, Class N : - 65 °C to 200 °C
Class W : - 65 °C to 175 °C
Class K : -65 °C to 260 °C
Class A : - 65 °C to 260 °C
Class T : - 65 °C to 175 °C
Class Z : - 65 °C to 175 °C

SIST EN 3818:2019 SIST EN 3818:2005
2019-07 (po) (en;fr;de) 24 str. (F)
Aeronavtika - Sorniki, navoj MJ, iz titanove zlitine TI-P64001 - Trdnostni razredi: 1100 MPa (pri okoljski temperaturi) - Tehnična specifikacija
Aerospace series - Bolts, MJ threads, in titanium alloy TI-P64001 - Strength class: 1 100 MPa (at ambient temperature) - Technical specification
Osnova: EN 3818:2019
ICS: 21.060.10, 49.025.30, 49.030.20

This European standard specifies the characteristics, qualification and acceptance requirements for bolts with MJ threads in TI-P64001, for aerospace applications.
Strength class: 1 100 MPa1. It is applicable whenever referenced.

SIST EN 6055:2019
2019-07 (po) (en;fr;de) 16 str. (D)
Aeronavtika - Končnik z očesom in ležajem po EN 4265 iz korozijsko odpornega jekla, z zunanjo navojno ročico - Mere in obremenitve - Palčne mere
Aerospace series - Rod-end with bearing EN 4265 in corrosion resisting steel, external threaded shank - Dimensions and loads - Inch series
Osnova: EN 6055:2019
ICS: 49.035

This European standard specifies the characteristics of adjustable rod-ends consisting of:
• a spherical plain bearing, metal to metal, in corrosion resisting steel, wide series (EN 4265);
• a rod-end with threaded shank with an optional longitudinal groove for locking purposes.
They are intended for use in fixed or moving parts of the aircraft structure and their control mechanisms.

SIST EN 6056:2019
2019-07 (po) (en;fr;de) 16 str. (D)
Aeronavtika - Končnik z očesom in ležajem po EN 4614 s samomazalno oblogo, iz korozijsko odpornega jekla, z zunanjo navojno ročico - Mere in obremenitve - Palčne mere
Aerospace series - Rod-end with bearing per EN 4614 with self lubricating liner in corrosion resisting steel with external threaded shank - Dimensions and loads - Inch series
Osnova: EN 6056:2019
ICS: 49.035

This European standard specifies the characteristics of adjustable rod-ends consisting of:
• a self-aligning ball bearing with self-lubricating liner (EN 4614);
• a rod-end with threaded shank with an optional longitudinal groove for locking purposes.
They are intended for use in fixed or moving parts of the aircraft structure and their control mechanisms.

SIST EN 6096:2019
2019-07 (po) (en;fr;de) 16 str. (D)
Aeronavtika - Zglobni drsni ležaj s samomazalno oblogo, z zelo velikim notranjim obročem iz korozijsko odpornega jekla - Mere in obremenitve - Palčne mere
Aerospace series - Bearing, spherical plain with self-lubricating liner, extra wide inner ring in corrosion resisting steel - Dimensions and loads - Inch series
Osnova: EN 6096:2019
ICS: 49.035, 21.100.10

This European standard specifies general characteristics of spherical plain bearings in corrosion resisting steel with self-lubricating liner, extra wide inner ring, inch series.
They are intended for use in fixed or moving parts of the aircraft structure and control mechanisms.

SIST EN 6097:2019
2019-07 (po) (en;fr;de) 17 str. (E)
Aeronavtika - Zglobni drsni ležaj, kovina na kovino, z zelo velikim notranjim obročem iz korozijsko odpornega jekla - Mere in obremenitve - Palčne mere
Aerospace series - Bearing, spherical plain, metal to metal, extra wide inner ring in corrosion resisting steel - Dimensions and loads - Inch series
Osnova: EN 6097:2019
ICS: 21.100.10, 49.035

This European standard specifies the characteristics of inch based spherical plain bearings, metal to metal, in corrosion resisting steel, extra wide inner ring inch series. They are intended for use in fixed or moving parts of the aircraft structure and their control mechanisms.
The slide hole treatment either at the outer ring or inner ring.

SIST EN 6098:2019
2019-07 (po) (en;fr;de) 16 str. (D)
Aeronavtika - Končnik z očesom in ležajem po EN 6097 iz korozijsko odpornega jekla, z zelo velikim notranjim obročem in navojno ročico - Mere in obremenitve - Palčne mere
Aerospace series - Rod-end with bearing per EN 6097 in corrosion resisting steel, extra wide inner ring, external threaded shank - Dimensions and loads - Inch series
Osnova: EN 6098:2019
ICS: 49.035

This European standard specifies the characteristics of adjustable rod ends consisting of:
• a spherical plain bearing, metal to metal, in corrosion resisting steel, extra wide series (EN 6097);
• a rod–end with threaded shank with an optional longitudinal groove for locking purposes.
They are intended for use in fixed or moving parts of the aircraft structure and their control mechanisms.

SIST EN 6133:2019
2019-07 (po) (en;fr;de) 16 str. (D)
Aeronavtika - Končnik z očesom in ležajem po EN 6096, s samomazalno oblogo iz korozijsko odpornega jekla, z zelo velikim notranjim obročem in navojno ročico - Mere in obremenitve - Palčne mere
Aerospace series - Rod-end, with bearing per EN 6096, with self-lubricating liner in corrosion resisting steel, extra wide inner ring, external threaded shank - Dimensions and loads - Inch series
Osnova: EN 6133:2019
ICS: 49.035

This European standard specifies the characteristics of adjustable rod-ends consisting of:
— a self-aligning spherical plain bearing with self-lubricating liner per EN 6096;
— a rod-end with threaded shank with an optional longitudinal groove for locking purposes.
They are intended for use in fixed or moving parts of the aircraft structure and their control mechanisms.

SIST EN ISO 11591:2019 SIST EN ISO 11591:2011
2019-07 (po) (en) 15 str. (D)
Mala plovila - Vidno polje izza krmila (ISO 11591:2019)
Small craft - Field of vision from the steering position (ISO 11591:2019)
Osnova: EN ISO 11591:2019
ICS: 47.080

This document specifies requirements for the field of vision from the steering position, forward (horizontally and vertically) and astern, for small craft up to 24 m length of hull (LH) in accordance with ISO 8666.

SIST EN ISO 15118-1:2019 SIST EN ISO 15118-1:2015
2019-07 (po) (en;fr;de) 126 str. (O)
Cestna vozila - Komunikacijski vmesnik med vozilom in omrežjem - 1. del: Splošne informacije in definicija primera uporabe (ISO 15118-1:2019)
Road vehicles - Vehicle to grid communication interface - Part 1: General information and use-case definition (ISO 15118-1:2019)
Osnova: EN ISO 15118-1:2019
ICS: 35.100.05, 43.040.15

This document, as a basis for the other parts of the ISO 15118 series, specifies terms and definitions, general requirements and use cases for conductive and wireless HLC between the EVCC and the SECC. This document is applicable to HLC involved in conductive and wireless power transfer technologies in the context of manual or automatic connection devices. This document is also applicable to energy transfer either from EV supply equipment to charge the EV battery or from EV battery to EV supply equipment in order to supply energy to home, to loads or to the grid.
This document provides a general overview and a common understanding of aspects influencing identification, association, charge or discharge control and optimisation, payment, load levelling, cybersecurity and privacy. It offers an interoperable EV-EV supply equipment interface to all e-mobility actors beyond SECC.
The ISO 15118 series does not specify the vehicle internal communication between battery and other internal equipment (beside some dedicated message elements related to the energy transfer).
NOTE 1 Electric road vehicles specifically are vehicles in categories M (used for carriage of passengers) and N (used for carriage of goods) (compare ECE/TRANS/WP.29/78 ev.2). This does not prevent vehicles in other categories from adopting the ISO 15118 series as well.
NOTE 2 This document is destined to orientate the message set of ISO 15118-2 and ISO 15118-201). The absence of any particular use case in this document does not imply that it will not be put into practice, with the required messages.
NOTE 3 This document, ISO 15118-2 and ISO 15118-20 are designed to work independent of data transfer medium used. However, the ISO 15118 series is made for fitting the specified data link layers in the corresponding documents in this series.

SIST EN ISO 4491-4:2019 SIST EN ISO 4491-4:2014
2019-07 (po) (en;fr;de) 14 str. (D)
Kovinski prah - Ugotavljanje deleža kisika z redukcijskimi metodami - 4. del: Skupni delež kisika z redukcijo-ekstrakcijo (ISO 4491-4:2019)
Metallic powders - Determination of oxygen content by reduction methods - Part 4: Total oxygen by reduction-extraction (ISO 4491-4:2019)
Osnova: EN ISO 4491-4:2019
ICS: 77.160

This document specifies a method for the determination of the total oxygen content of metallic powders by reduction-extraction at high temperature.
By agreement, this method is also applicable to the determination of the total oxygen content of sintered metal materials.
The method is applicable to all powders of metals, alloys, carbides, and mixtures thereof which are nonvolatile under the test conditions. The sample can be in powder or compact form.
The analysis is carried out on the powder as supplied, but the method is not applicable if the powder contains a lubricant or binder. If such substances are present, the method may be used only if they can first be completely removed by a method not affecting the oxygen content of the powder.
This document is to be read in conjunction with ISO 4491-1.

Obvestilo o prevodih že sprejetih slovenskih nacionalnih standardov

S to objavo vas obveščamo, da so bili izdani prevodi naslednjih slovenskih nacionalnih standardov, ki so bili že sprejeti v tujem jeziku. Prevod pomeni le jezikovno različico predhodno izdanega slovenskega dokumenta. Standard je na voljo v standardoteki SIST.

SIST/TC IZL Izolatorji

SIST EN 62217:2013
2013-05 (pr) (sl) 29 str. (SG)
Polimerni visokonapetostni izolatorji za notranjo in zunanjo uporabo – Splošne definicije, preskusne metode in prevzemna merila (IEC 62217:2012)
Polymeric HV insulators for indoor and outdoor use – General definitions, test methods and acceptance criteria (IEC 62217:2012)
Osnova: EN 62217:2012
ICS: 29.080.10
Izid prevoda: 2019-07

Ta mednarodni standard se uporablja za polimerne izolatorje, katerih izolacijsko telo sestoji iz ene ali več organskih snovi. Polimerni izolatorji, obravnavani v tem standardu, so izolatorji s polnim jedrom in votli izolatorji. Predvideni so za uporabo na visokonapetostnih nadzemnih vodih ter v notranje- in zunanjemontažni opremi.
Predmet tega standarda je:
- opredeliti skupne izraze, ki se uporabljajo za polimerne izolatorje;
- predpisati skupne preskusne metode za preskuse zasnove polimernih izolatorjev;
- po potrebi predpisati prevzemna merila ali merila zavrnitve.

Ti preskusi, merila in priporočila naj bi zagotovili zadovoljivo življenjsko dobo v normalnih obratovalnih in okoljskih pogojih (glej točko 5). Ta standard je treba uporabljati samo v povezavi z ustreznim standardom za proizvod.

SIST EN 61467:2009
2009-02 (pr) (sl) 45 str. (SI)
Izolatorji za nadzemne vode – Izolatorski nizi in izolatorske verige za vode z nazivno napetostjo nad 1 000 V – Preskusi z izmeničnim oblokom (IEC 61467:2008)
Insulators for overhead lines – Insulator strings and sets for lines with a nominal voltage greater than 1 000 V – AC power arc tests (IEC 61467:2008)
Osnova: EN 61467:2008
ICS: 29.080.10; 29.240.20
Izid prevoda: 2019-07

Ta mednarodni standard se uporablja za izolatorske nize in izolatorske verige, vključno s členi izolatorskih nizov iz keramike, stekla ali iz kompozitnega materiala, za izmenične nadzemne vode in vlečne vode z nazivno napetostjo nad 1 000 V in frekvenco med 15 Hz in 100 Hz.
Ta standard se uporablja tudi za izolatorske nize in izolatorske verige s podobno zasnovo za transformatorske postaje.
Ta standard vzpostavlja standardni preskusni postopek za preskuse obloka na izolacijskih verigah. Prav tako vzpostavlja standardni preskusni postopek za preskuse obloka na kratkih nizih.
Ta standard se ne uporablja za izolatorske verige, ki so vgrajene na nekovinske droge ali stebre.
Tega standarda ni mogoče neposredno uporabljati za podporne izolatorje s podstavkom ali verige ali za izolacijske strukture, kot so oporni vodovni izolatorji, ker njihove pritrditve ni mogoče ponoviti v standardnih izvedbah, opisanih tukaj. Vendar pa se ta standard lahko uporabi kot podlaga za dogovor o preskusih na takšnih izolatorjih in razporeditvah.
Cilj tega standarda je:
- opredeliti uporabljene izraze,
- predpisati standardni preskusni postopek,
- predpisati merila za vrednotenje rezultatov preskusov.

Preskusi z oblokom niso obvezen element specifikacij izolatorja voda. Standardni preskusni postopki in merila vrednotenja, opisani v tem standardu, so predvideni za pridobitev navodil za preskušanje, kadar se pokaže, da so potrebni preskusi z oblokom. Cilj tega standarda ni uvesti splošno obveznosti za izvajanje teh preskusov.

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

SIST IEC 60050-521:2017
2017-03 (pr) (sl) 70 str. (SK)
Mednarodni elektrotehniški slovar – 521. del: Polprevodniški elementi in integrirana vezja
International Electrotechnical Vocabulary – Part 521: Semiconductor devices and integrated circuits
Osnova: IEC 60050-521:2002
ICS: 01.040.31; 31.080.01; 31.200
Izid prevoda: 2019-07

SIST EN 61238-1:2004
2004-01 (pr) (sl) 55 str. (SJ)
Stisljivi in vijačni konektorji za električne kable za naznačene napetosti do 36 kV (Um = 42 kV) – 1. del: Preskusne metode in zahteve
Compression and mechanical connectors for power cables for rated voltages up to 36 kV (Um = 42 kV) – Part 1: Test methods and requirements
Osnova: EN 61238-1:2003
ICS: 29.120.20
Izid prevoda: 2019-07

Ta del IEC 61238 se uporablja za stisljive in vijačne konektorje za električne kable za naznačene napetosti do 30 kV (U_m = 36 kV), na primer za vkopane kable ali kable v stavbah, ki:

a) imajo vodnike v skladu z IEC 60228 in IEC 60228A s prerezom 10 mm^2 ali več za baker ter 16 mm^2 ali več za aluminij,
b) najvišja stalna temperatura vodnika ne presega 90 °C.

Ta standard se ne uporablja za konektorje nadzemnih vodnikov, zasnovane za posebne mehanske zahteve, ali za ločljive konektorje z drsnim kontaktom ali za večjedrne konektorje (tj. obročne konektorje).
Čeprav ni mogoče natančno določiti obratovalnih pogojev za vse vrste uporabe, sta opredeljena dva razreda konektorjev.
Razred A
Konektorji, namenjeni za uporabo v distribuciji električne energije ali industrijskih omrežjih, kjer so lahko izpostavljeni kratkim stikom z relativno visoko jakostjo in dolgim trajanjem. Posledično so konektorji razreda A primerni za večino namenov uporabe.
Razred B
Konektorji za uporabo v omrežjih, kjer nameščene zaščitne naprave, npr. hitre varovalke, hitro odpravijo preobremenitve ali kratke stike.
Glede na namen uporabe se konektorji preskusijo z naslednjimi preskusi:
Razred A: preskusi z grelnim ciklom in kratkim stikom,
Razred B: samo preskusi z grelnim ciklom.
Cilj tega standarda je določiti metode preskusov tipa in zahteve, ki se uporabljajo za stisljive in vijačne konektorje za električne kable z bakrenimi ali aluminijastimi vodniki.
Pred tem so bili takšni izdelki odobreni na podlagi nacionalnih standardov in specifikacij in/ali dokaza zadovoljivega delovanja. Objava tega standarda IEC ne razveljavlja obstoječih odobritev. Vendar pa izdelki, odobreni v skladu s predhodnimi standardi ali specifikacijami, ne morejo pridobiti odobritve po tem standardu IEC, razen če niso še posebej preskušeni po njem.
Za že izdelane izdelke teh preskusov ni treba ponavljati, razen če so bile izvedene spremembe v materialu konektorja, njegovi zasnovi ali proizvodnem procesu, ki bi lahko vplivale na tehnične lastnosti.

Razveljavitev slovenskih standardov

SIST/TC	Razveljavljeni dokument	Leto razveljavitve	Zamenjan z dokumentom
AKU	SIST EN ISO 3740:2001	2019-07	SIST EN ISO 3740:2019
CES	SIST EN 13880-6:2004	2019-07	SIST EN 13880-6:2019
CES	SIST EN 13880-7:2004	2019-07	SIST EN 13880-7:2019

SIST/TC	Razveljavljeni dokument	Leto razveljavitve	Zamenjan z dokumentom
DTN	SIST EN 12927-1:2005	2019-07	SIST EN 12927:2019
DTN	SIST EN 12927-2:2005	2019-07	SIST EN 12927:2019
DTN	SIST EN 12927-3:2005	2019-07	SIST EN 12927:2019
DTN	SIST EN 12927-4:2005	2019-07	SIST EN 12927:2019
DTN	SIST EN 12927-5:2005	2019-07	SIST EN 12927:2019
DTN	SIST EN 12927-6:2005	2019-07	SIST EN 12927:2019
DTN	SIST EN 12927-7:2005	2019-07	SIST EN 12927:2019
DTN	SIST EN 12927-8:2005	2019-07	SIST EN 12927:2019
DTN	SIST EN 1709:2005	2019-07	SIST EN 1709:2019
ELI	SIST HD 60364-6:2007	2019-07	SIST HD 60364-6:2016
ELI	SIST HD 60364-7-712:2005	2019-07	SIST HD 60364-7-712:2016
EVA	SIST EN 60691:2004	2019-07	SIST EN 60691:2017
EVA	SIST EN 60691:2004/A1:2007	2019-07	SIST EN 60691:2017
EVA	SIST EN 60691:2004/A2:2010	2019-07	SIST EN 60691:2017
GIG	SIST-TS CEN ISO/TS 19139:2010	2019-07	SIST-TS EN ISO/TS 19139-1:2019
IBLP	SIST EN ISO 2812-3:2012	2019-07	SIST EN ISO 2812-3:2019
IBLP	SIST EN ISO 8130-1:2012	2019-07	SIST EN ISO 8130-1:2019
IBLP	SIST EN ISO 8130-11:2012	2019-07	SIST EN ISO 8130-11:2019
IBLP	SIST EN ISO 8130-12:2012	2019-07	SIST EN ISO 8130-12:2019
IBLP	SIST EN ISO 8130-13:2012	2019-07	SIST EN ISO 8130-13:2019
IBLP	SIST EN ISO 8130-14:2004	2019-07	SIST EN ISO 8130-14:2019
IBLP	SIST EN ISO 8130-7:2013	2019-07	SIST EN ISO 8130-7:2019
IBLP	SIST ISO 8130-11:1998	2019-07	SIST EN ISO 8130-11:2019
IBLP	SIST ISO 8130-12:1998	2019-07	SIST EN ISO 8130-12:2019
IFEK	SIST EN 10210-2:2006	2019-07	SIST EN 10210-2:2019
IFEK	SIST EN 10210-2:2006/AC:2007	2019-07	SIST EN 10210-2:2019
IFEK	SIST EN 10217-1:2003	2019-07	SIST EN 10217-1:2019
IFEK	SIST EN 10217-1:2003/A1:2005	2019-07	SIST EN 10217-1:2019
IFEK	SIST EN 10217-2:2003	2019-07	SIST EN 10217-2:2019
IFEK	SIST EN 10217-2:2003/A1:2005	2019-07	SIST EN 10217-2:2019
IFEK	SIST EN 10217-3:2003	2019-07	SIST EN 10217-3:2019
IFEK	SIST EN 10217-3:2003/A1:2005	2019-07	SIST EN 10217-3:2019
IFEK	SIST EN 10217-4:2003	2019-07	SIST EN 10217-4:2019
IFEK	SIST EN 10217-4:2003/A1:2005	2019-07	SIST EN 10217-4:2019
IFEK	SIST EN 10217-5:2003	2019-07	SIST EN 10217-5:2019
IFEK	SIST EN 10217-5:2003/A1:2005	2019-07	SIST EN 10217-5:2019
IFEK	SIST EN 10217-6:2003	2019-07	SIST EN 10217-6:2019

SIST/TC	Razveljavljeni dokument	Leto razveljavitve	Zamenjan z dokumentom
IFEK	SIST EN 10217-6:2003/A1:2005	2019-07	SIST EN 10217-6:2019
IFEK	SIST EN 10219-2:2006	2019-07	SIST EN 10219-2:2019
IFEK	SIST EN 10225:2009	2019-07	SIST EN 10225-1:2019 SIST EN 10225-2:2019 SIST EN 10225-3:2019 SIST EN 10225-4:2019
IFEK	SIST EN ISO 6149-1:2007	2019-07	SIST EN ISO 6149-1:2019
IKER	SIST EN ISO 10545-4:2014	2019-07	SIST EN ISO 10545-4:2019
INEK	SIST EN ISO 2376:2010	2019-07	SIST EN ISO 2376:2019
IOVO	SIST EN 1295-1:1998	2019-07	SIST EN 1295-1:2019
IOVO	SIST EN 33:2011	2019-07	SIST EN 33:2019
IOVO	SIST EN 33:2011/AC:2014	2019-07	SIST EN 33:2019
IPKZ	SIST EN ISO 11177:2016	2019-07	SIST EN ISO 11177:2019
IPMA	SIST EN 14423:2013+A1:2016	2019-07	SIST EN 14423:2013+A2:2019
IPMA	SIST EN ISO 11542-1:2001	2019-07	SIST EN ISO 21304-1:2019
IPMA	SIST EN ISO 1163-1:2000	2019-07	SIST EN ISO 21306-1:2019
IPMA	SIST EN ISO 1163-2:2000	2019-07	SIST EN ISO 21306-2:2019
IPMA	SIST EN ISO 178:2011	2019-07	SIST EN ISO 178:2019
IPMA	SIST EN ISO 178:2011/A1:2014	2019-07	SIST EN ISO 178:2019
IPMA	SIST-TP CEN/TR 15822:2010	2019-07	
ISTP	SIST EN 13126-15:2008	2019-07	SIST EN 13126-15:2019
ISTP	SIST EN 13126-16:2008	2019-07	SIST EN 13126-16:2019
ISTP	SIST EN 13126-17:2008	2019-07	SIST EN 13126-17:2019
ITEK	SIST EN ISO 1833-10:2013	2019-07	SIST EN ISO 1833-10:2019
ITEK	SIST EN ISO 1833-18:2013	2019-07	SIST EN ISO 1833-18:2019
ITEK	SIST EN ISO 1833-21:2013	2019-07	SIST EN ISO 1833-21:2019
ITEK	SIST EN ISO 1833-3:2013	2019-07	SIST EN ISO 1833-3:2019
IŽNP	SIST EN 15355:2008+A1:2010	2019-07	SIST EN 15355:2019
IŽNP	SIST EN 15610:2009	2019-07	SIST EN 15610:2019
KAT	SIST EN 12944-3:2002	2019-07	SIST EN 12944-3:2019
KAT	SIST EN ISO 23753-1:2011	2019-07	SIST EN ISO 23753-1:2019
KAT	SIST EN ISO 23753-2:2011	2019-07	SIST EN ISO 23753-2:2019
KAV	SIST EN ISO 9698:2015	2019-07	SIST EN ISO 9698:2019
KAV	SIST ISO 9698:2013	2019-07	SIST EN ISO 9698:2019
KAZ	SIST EN 689:2018	2019-07	SIST EN 689:2018+AC:2019
KDS	SIST EN ISO 11930:2012	2019-07	SIST EN ISO 11930:2019
KON	SIST EN 1090-3:2008	2019-07	
KŽP	SIST EN 14110:2003	2019-07	SIST EN 14110:2019

SIST/TC	Razveljavljeni dokument	Leto razveljavitve	Zamenjan z dokumentom
MOC	SIST EN 61291-2:2012	2019-07	SIST EN 61291-2:2016
MOC	SIST EN 62572-3:2014	2019-07	SIST EN 62572-3:2016
MOV	SIST EN 61003-2:2010	2019-07	SIST EN 61003-2:2017
NAD	SIST EN 12916:2016	2019-07	SIST EN 12916:2019
NAD	SIST EN 14214:2012+A1:2014/A101:2014	2019-07	SIST EN 14214:2012+A2:2019/A101:2019
NAD	SIST EN 23015:1998	2019-07	SIST EN ISO 3015:2019
NAD	SIST EN ISO 3405:2011	2019-07	SIST EN ISO 3405:2019
NAD	SIST ISO 3016:1996	2019-07	SIST EN ISO 3016:2019
OGS	SIST EN 13141-1:2004	2019-07	SIST EN 13141-1:2019
OGS	SIST EN 14134:2004	2019-07	SIST EN 14134:2019
OGS	SIST EN 15251:2007	2019-07	SIST EN 16798-1:2019
OVP	SIST EN 12568:2010	2019-07	SIST EN ISO 22568-1:2019 SIST EN ISO 22568-2:2019 SIST EN ISO 22568-3:2019 SIST EN ISO 22568-4:2019
PCV	SIST EN 1519-1:2000	2019-07	SIST EN 1519-1:2019
PKG	SIST EN 16016-1:2012	2019-07	SIST EN ISO 15708-1:2019
PKG	SIST EN 16016-2:2012	2019-07	SIST EN ISO 15708-2:2019
PKG	SIST EN 16016-3:2012	2019-07	SIST EN ISO 15708-3:2019
PKG	SIST EN 16016-4:2012	2019-07	SIST EN ISO 15708-4:2019
POH	SIST EN 527-2:2017	2019-07	SIST EN 527-2:2017+A1:2019
POH	SIST-TS CEN/TS 16499:2014	2019-07	SIST EN 927-10:2019
POZ	SIST EN 13216-1:2004	2019-07	SIST EN 13216-1:2019
POZ	SIST EN 13565-1:2004+A1:2007	2019-07	SIST EN 13565-1:2019
POZ	SIST EN 13565-2:2018	2019-07	SIST EN 13565-2:2018+AC:2019
POZ	SIST EN 1443:2003	2019-07	SIST EN 1443:2019
POZ	SIST EN 54-3:2014	2019-07	SIST EN 54-3:2014+A1:2019
POZ	SIST-TP CEN/TR 15276-1:2009	2019-07	SIST EN 15276-1:2019
PPV	SIST EN 1047-2:2009+A1:2013	2019-07	SIST EN 1047-2:2019
PPV	SIST EN 1143-1:2012	2019-07	SIST EN 1143-1:2019
PSE	SIST EN 62325-351:2014	2019-07	SIST EN 62325-351:2016
SPO	SIST EN 14960:2013	2019-07	SIST EN 14960-1:2019
SPO	SIST EN 14974:2006+A1:2010	2019-07	SIST EN 14974:2019
TOP	SIST EN 12976-2:2017	2019-07	SIST EN 12976-2:2019
TOP	SIST EN 15101-1:2013	2019-07	SIST EN 15101-1:2013+A1:2019
TRS	SIST EN ISO 8560:2002	2019-07	SIST EN ISO 8560:2019
UZO	SIST EN ISO 14064-2:2012	2019-07	SIST EN ISO 14064-2:2019
VAZ	SIST EN 13795:2011+A1:2013	2019-07	SIST EN 13795-1:2019 SIST EN 13795-2:2019

SIST/TC	Razveljavljeni dokument	Leto razveljavitve	Zamenjan z dokumentom
VAZ	SIST EN ISO 14161:2010	2019-07	SIST EN ISO 11138-7:2019
VAZ	SIST EN ISO 9873:2017	2019-07	SIST EN ISO 9873:2019
VAZ	SIST-TS CEN/TS 16835-1:2015	2019-07	SIST EN ISO 20186-1:2019
VAZ	SIST-TS CEN/TS 16835-2:2015	2019-07	SIST EN ISO 20186-2:2019
VLA	SIST EN 13375:2005	2019-07	SIST EN 13375:2019
SS EIT	SIST EN 3275:2004	2019-07	SIST EN 3275:2019
SS EIT	SIST EN 60519-2:2007	2019-07	
SS EIT	SIST EN 60519-21:2009	2019-07	
SS SPL	SIST EN 2583:2001	2019-07	SIST EN 2583:2019
SS SPL	SIST EN 3818:2005	2019-07	SIST EN 3818:2019
SS SPL	SIST EN 13757-4:2013	2019-07	SIST EN 13757-4:2019
SS SPL	SIST EN 13941:2009+A1:2010	2019-07	SIST EN 13941-1:2019 SIST EN 13941-2:2019
SS SPL	SIST EN 14175-3:2004	2019-07	SIST EN 14175-3:2019
SS SPL	SIST EN 14607-6:2005	2019-07	SIST EN 16603-33-11:2019
SS SPL	SIST EN 3660-004:2019	2019-07	SIST EN 3660-004:2019+AC:2019
SS SPL	SIST EN 3660-005:2019	2019-07	SIST EN 3660-005:2019+AC:2019
SS SPL	SIST EN ISO 11591:2011	2019-07	SIST EN ISO 11591:2019
SS SPL	SIST EN ISO 15118-1:2015	2019-07	SIST EN ISO 15118-1:2019
SS SPL	SIST EN ISO 4491-4:2014	2019-07	SIST EN ISO 4491-4:2019
SS SPL	SIST EN ISO 9097:2017	2019-07	

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CENIK SIST

Št. 1/2007 20. 2. 2017

Nakup slovenskih standardov poteka preko spletne trgovine SIST na www.sist.si. Naročilo lahko pošljete tudi po navadni pošti, e-pošti ali faxu.

Slovenski nacionalni standardi so na voljo v elektronski obliki (format PDF) in v tiskani obliki. Pri nakupu standardov v elektronski obliki preko spletne trgovine SIST je omogočena izdelava ene tiskane kopije vsakega kupljenega standarda.

Standardi v elektronski obliki so enouporabniške različice in so zaščiteni proti tiskanju in kopiranju. Nakup večuporabniših elektronskih različic standardov SIST za uporabo v lokalnem omrežju je naveden v poglavju 14.

Reprodukcije tujih standardov ISO, IEC, DIN, BS so na voljo v papirni obliki, standardi ISO in IEC pa tudi v elektronski obliki (format PDF). Cene za reprodukcije tujih standardov ISO, IEC in BS, ki so protivrednosti deviznih cen, izražene v evrih, so zneski preračunani po referenčnem tečaju Evropske centralne banke. SIST usklajuje tečaje tujih valut vsak prvi dan v mesecu.

1. Slovenski nacionalni standardi v tujem jeziku

V cenah je vključen davek na dodano vrednost (DDV). Za elektronske oblike standardov (nakup preko spleta) je DDV 22%, za standarde v papirni obliki in v elektronski obliki na prenosnem mediju je DDV 9,5%.

Pri nakupu standardov v elektronski obliki preko spletne trgovine SIST se obračuna stalni 20% popust. V času posebnih akcij, je popust lahko tudi višji.

Cen. razred	Število strani *	pdf-splet Cena (EUR)	pdf-splet 20% popust Cena (EUR)	papir Cena (EUR)
A	1 - 4	28,06	22,45	25,19
B	5 - 8	39,10	31,23	35,04
C	9 - 12	46,44	37,09	41,61
D	13 - 16	53,68	42,94	48,18
E	17 - 20	58,56	46,85	52,56
F	21 - 26	65,88	52,70	59,13
G	27 - 32	73,20	58,56	65,70
H	33 - 40	79,30	63,44	71,18
I	41 - 50	86,62	69,30	77,75
J	51 - 60	97,60	78,08	87,60
K	61 - 70	102,48	81,98	91,98
L	71 - 80	112,24	89,79	100,74
M	81 - 100	120,78	96,62	108,41
N	101 - 120	131,76	105,41	118,26
O	121 - 140	141,52	113,22	127,02
P	141 - 170	152,50	122,00	136,88
R	171 - 200	161,04	128,83	144,54
S	201 - 230	174,46	139,57	156,59
T	231 - 270	183,00	146,40	164,25
U	271 - 310	196,42	157,14	176,30
V	311 - 350	204,96	163,97	183,96

Cen. razred	Število strani *	pdf-splet Cena (EUR)	pdf-splet 20% popust Cena (EUR)	papir Cena (EUR)
Z	351 - 400	215,94	172,75	193,82
2A	401 - 450	226,92	181,54	203,67
2B	451 - 500	237,90	190,32	213,53
2C	501 - 560	247,66	198,13	222,29
2D	561 - 620	258,64	206,91	232,14
2E	621 - 680	269,62	215,70	242,00
2F	681 - 760	280,60	224,48	251,85
2G	761 - 840	289,14	231,31	259,52
2H	841 - 920	300,12	240,10	269,37
2I	921 - 1000	307,44	245,95	275,94
2J	1001-1100	317,20	253,76	284,70
2K	1101-1200	325,74	260,59	292,37
2L	1201-1300	335,50	268,40	301,13
2M	1301-1450	344,04	275,23	308,79
2N	1451-1600	355,02	284,02	318,65
2O	1601-1800	364,78	291,82	327,41
2P	1801-2000	373,32	298,66	335,07
3A	2001-3000	401,38	321,10	360,26
3B	3001-4000	430,66	344,53	386,54
3C	4001-5000	448,96	359,17	402,96
AP **		28,06	22,45	25,19

* Pri neprevedenih standardih SIST DIN cenovni razred ni določen po številu strani.
** AP - Sestavni del slovenskega standarda je tudi dokument, ki ga je potrebno naročiti posebej.

Slovenski nacionalni standardi v slovenskem jeziku

Cen. razred	Število strani	pdf-splet Cena (EUR)	pdf-splet 20% popust Cena (EUR)	papir Cena (EUR)
SA	1 - 4	36,60	29,28	32,85
SB	5 - 8	47,58	38,06	42,71
SC	9 - 12	58,56	46,85	52,56
SD	13 - 16	65,88	52,70	59,13
SE	17 - 20	75,64	60,51	67,89
SF	21 - 26	82,96	66,37	74,46
SG	27 - 32	91,50	73,20	82,13
SH	33 - 40	98,82	79,06	88,70
SI	41 - 50	108,58	86,86	97,46
SJ	51 - 60	120,78	96,62	108,41
SK	61 - 70	128,10	102,48	114,98
SL	71 - 80	137,86	110,29	123,74
SM	81 - 100	152,50	122,00	136,88
SN	101 – 120	164,70	131,76	147,83
SO	121 - 140	178,12	142,50	159,87
SP	141 - 170	189,10	151,28	169,73
SR	171 - 200	203,74	162,99	182,87
SS	201 - 230	218,38	174,70	196,01
ST	231 - 270	229,36	183,49	205,86
SU	271 - 310	244,00	195,20	219,00
SV	311 - 350	258,64	206,91	232,14

Cen. razred	Število strani	pdf-splet Cena (EUR)	pdf-splet 20% popust Cena (EUR)	papir Cena (EUR)
SZ	351 - 400	269,62	215,70	242,00
S2A	401 - 450	284,26	227,41	255,14
S2B	451 - 500	296,46	237,17	266,09
S2C	501 - 560	313,54	250,83	281,42
S2D	561 - 620	324,52	259,62	291,27
S2E	621 - 680	339,16	271,33	304,41
S2F	681 - 760	353,80	283,04	317,55
S2G	761 - 840	362,34	289,87	325,22
S2H	841 - 920	376,98	301,58	338,36
S2I	921 - 1000	384,30	307,44	344,93
S2J	1001-1100	397,72	318,18	356,97
S2K	1101-1200	408,70	326,96	366,83
S2L	1201-1300	419,68	335,74	376,68
S2M	1301-1450	430,66	344,53	386,54
S2N	1451-1600	442,86	354,29	397,49
S2O	1601-1800	456,28	365,02	409,53
S2P	1801-2000	467,26	373,81	419,39
S3A	2001-3000	501,42	401,14	450,05
S3B	3001-4000	538,02	430,42	482,90
S3C	4001-5000	562,42	449,94	504,80

Popusti

Člani SIST	20 %
Državni organi	20 %
Študenti	50 % *

Št. kosov istega standarda	
4 - 9	5 %
10 ali več	10 %

Enkraten nakup standardov v skupni vrednosti nad 1.000 EUR	5%

* Za neprevedene standarde SIST DIN je za študente popust 20%.
Popusti se ne seštevajo in so namenjeni za lastno uporabo dokumentov.

2. Publikacije SIST

V cenah je vključen 9,5 % DDV.

Naslov	Cena (EUR)
Mednarodna klasifikacija za standarde ICS -papir	**23,00**
Potrošniki in standardi: Napotki in načela za sodelovanje potrošnikov- papir	**18,30**

Popust pri publikacijah je za člane SIST in državne organe 20 %, za študente 50 %.
Popusti se ne seštevajo in so namenjeni za lastno uporabo publikacij.

NAROČILNICA ZA SLOVENSKE STANDARDE IN DRUGE PUBLIKACIJE

N – IZO 2/2010

Publikacije	Št. izvodov

Naročnik (ime, št. naročilnice)

Podjetje (naziv iz registracije)

Naslov (za račun)

Naslov za pošiljko (če je drugačen)

Davčni zavezanec • da • ne

Davčna številka

E-naslov (obvezno!)

Telefon

Datum

Faks

Naročilo pošljite na naslov Slovenski inštitut za standardizacijo, Šmartinska 152, 1000 Ljubljana ali na faks: 01/478-30-97.

Dodatne informacije o standardih dobite na tel.: 01/478-30-63 ali na 01/478-30-68.