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- posredovanje tujih standardov in literature
- licenčne kopije standardov ISO in IEC, ETS, DIN BS in predlogov prEN

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Objava novih slovenskih nacionalnih standardov

SIST/TC AGO Alternativna goriva iz odpadkov

SIST EN ISO 16993:2016 SIST EN ISO 16993:2015
2016-10 (po) (en;fr;de) 18 str. (E)
Trdna biogoriva - Preračun analiznih rezultatov na različne osnove (ISO 16993:2016)
Solid biofuels - Conversion of analytical results from one basis to another (ISO 16993:2016)
Osnova: EN ISO 16993:2016
ICS: 75.160.40

This International Standard gives formulae which allow analytical data relating to solid biofuels to be expressed on the different bases in common use. Consideration is given to corrections that can be applied to certain determined values for solid biofuels prior to their calculation to other bases. In Annex A, tools for integrity checks of analytical results are given. In Annex B, conversion factors for calculation into other units are given. Annex C is a guideline for the use of validation parameters as can be found in ISO/TC 238 analytical standards.

SIST EN ISO 16994:2016 SIST EN ISO 16994:2015
2016-10 (po) (en;fr;de) 19 str. (E)
Trdna biogoriva - Določevanje celotnega žvepla in klora (ISO 16994:2016)
Solid biofuels - Determination of total content of sulfur and chlorine (ISO 16994:2016)
Osnova: EN ISO 16994:2016
ICS: 75.160.40

This International Standard describes methods for the determination of the total sulfur and total chlorine content in solid biofuels. This International Standard specifies two methods for decomposition of the fuel and different analytical techniques for the quantification of the elements in the decomposition solutions. The use of automatic equipment is also included in this International Standard, provided that a validation is carried out as specified and that the performance characteristics are similar to those of the method described in this International Standard.

SIST/TC AGR Agregati

SIST EN 13055:2016 SIST EN 13055-1:2002
SIST EN 13055-1:2002/AC:2004
SIST EN 13055-2:2004
2016-10 (po) (en;fr;de) 50 str. (I)
Lahki agregati
Lightweight aggregates
Osnova: EN 13055:2016
ICS: 91.100.15

This European Standard specifies the properties of Lightweight Aggregates (LWA) and fillers derived thereof obtained by processing natural or manufactured materials and mixtures of these aggregates for concrete, mortar and grout, bituminous mixtures and surface treatments and for unbound and hydraulically bound applications in construction works.

This European Standard covers LWA of mineral origin having particle densities not exceeding 2000 kg/m3 (2,000 Mg/m3) or loose bulk densities not exceeding 1200 kg/m3 (1,200 Mg/m3) including:
a) natural LWA;
b) LWA manufactured from natural materials;
c) LWA manufactured from by-products of industrial processes or from recycled source materials;
d) LWA as by-products of industrial processes.
A list of source materials and specific materials, which are within the scope of this standard, is given in Annex A (normative).
NOTE Recycled aggregates from construction and demolition waste and Municipal Solid Waste Incinerator Bottom Ash (MIBA) are covered by standards EN 12620, EN 13043, EN 13139 and EN 13242.
Some LWA for specific applications are covered in separate European product standards (Annex B, normative).
The requirements specified in this standard may not be equally relevant to all types of LWA. For particular applications, the requirements and tolerances can be adapted for the end use.

SIST/TC AKU Akustika

SIST EN ISO 389-7:2006/A1:2016
2016-10 (po) (en) 8 str. (B)
Akustika - Referenčna ničla za umerjanje avdiometrov - 7. del: Referenčni prag slišnosti v razmerah prostega zvočnega polja in v razmerah difuznega zvočnega polja - Dopolnilo A1: Referenčni prag slišnosti pri 20 Hz in 18 000 Hz v razmerah prostega zvočnega polja in pri 20 Hz v razmerah difuznega zvočnega polja (ISO 389-7:2005/Amd 1:2016)
Acoustics - Reference zero for the calibration of audiometric equipment - Part 7: Reference threshold of hearing under free-field and diffuse-field listening conditions - Amendment 1: Reference threshold of hearing at 20 Hz and 18 000 Hz under free-field listening conditions and at 20 Hz under diffuse-field listening conditions (ISO 389-7:2005/Amd 1:2016)
Osnova: EN ISO 389-7:2005/A1:2016
ICS: 13.140

Dopolnilo A1 je dodatek k standardu SIST EN ISO 389-7:2006.
This part of ISO 389 specifies a reference threshold of hearing for the calibration of audiometric equipment used under the following conditions: a) The sound field in the absence of the listener consists of either a free progressive plane wave (free field) or a diffuse sound field, as specified in ISO 8253-2. In the case of a free field, the source of sound is directly in front of the listener (frontal incidence); b) The sound signals are pure (sinusoidal) tones in the case of free-field conditions and one-third octave bands of (white or pink) noise in the case of diffuse-field conditions; c) The sound pressure level is measured in the absence of the listener at the position where the centre of the listener's head would be; d) Listening is binaural; e) The other conditions are as far as possible those specified in [1] in the Bibliography. The data are given in numerical form for the preferred frequencies in the one-third octave series from 20 Hz to 16 000 Hz inclusive in accordance with ISO 266 and, in addition, for some intermediate audiometric frequencies up to 18 000 Hz. It should be emphasised that the threshold data differ from the audiometric zero specified in ISO 389-1, ISO 389-2, ISO/TR 389-5 and ISO 389-8, since the latter refer to monaural listening through earphones with sound pressure levels referred to specified couplers and ear simulators. Direct comparison between the data in the parts of ISO 389 mentioned above and in this part of ISO 389 is therefore not appropriate.

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

SIST EN 62702-1-1:2016
2016-10 (po) (en;fr;de) 27 str. (G)
Sistem zvočnega arhiva - 1-1. del: DVD-plošča in prenos podatkov za dolgoročno hrambo zvočnih podatkov (IEC 62702-1-1:2016)
Audio Archive System - Part 1-1: DVD disk and data migration for long term audio data storage (IEC 62702-1-1:2016)
Osnova: EN 62702-1-1:2016
ICS: 35.220.30, 33.160.30

This part of IEC 62702 specifies a method of data-quality assurance for writable DVD disks (hereinafter disks) which are specified for long term data storage, and a data migration method which can sustain the recorded data on disks for long term audio data preservation. The writable disks include recordable disks such as DVD-R, and +R format, and rewritable disks such as DVD-RW, +RW format and DVD-RAM.

SIST EN 62777:2016
2016-10 (po) (en;fr;de) 17 str. (E)
Metoda ovrednotenja kakovosti za področje zvoka usmerjenega sestava zvočnikov (IEC 62777:2016)
Quality Evaluation Method for the Sound Field of Directional Loudspeaker Array System (IEC 62777:2016)
Osnova: EN 62777:2016
ICS: 33.160.50

This International Standard applies to directional loudspeaker array systems of any kind, and to the parts of which they are composed or which are used as auxiliaries in such systems. This standard deals with the determination of the performance of directional loudspeaker array systems, the comparison of these system types, and the determination of their proper practical application, by listing the characteristics which are useful for their specification. It specifies uniform measurement methods for these characteristics. This standard is restricted to a description of the audio space around a person and the relevant method of measurement. It does not consider characteristics of loudspeakers, which are specified in IEC 60268-5.

SIST/TC BBB Beton, armirani beton in prednapeti beton

SIST EN 1504-8:2016 SIST EN 1504-8:2005
2016-10 (po) (en;fr;de) 15 str. (D)
Proizvodi in sistemi za zaščito in popravilo betonskih konstrukcij - Definicije, zahteve, kontrola kakovosti in ocenjevanje ter preverjanje nespremenljivosti lastnosti (AVCP) - 8. del: Kontrola kakovosti in ocenjevanje ter preverjanje nespremenljivosti lastnosti (AVCP)
Products and systems for the protection and repair of concrete structures - Definitions, requirements, quality control and AVCP - Part 8: Quality control and Assessment and verification of the constancy of performance (AVCP)
Osnova: EN 1504-8:2016
ICS: 91.080.40

This Part of this European Standard specifies procedures for quality control and evaluation of conformity, including marking and labelling of products and systems for the protection and repair of concrete according to EN 1504, Parts 2 to 7.

SIST/TC CAA Mineralna veziva in zidarstvo

SIST EN 1015-12:2016 SIST EN 1015-12:2001
2016-10 (po) (en;fr;de) 10 str. (C)
Metode preskušanja malt za zidanje - 12. del: Določevanje sprijemne trdnosti strjenih zunanjih in notranjih ometov na podlage
Methods of test for mortar for masonry - Part 12: Determination of adhesive strength of hardened rendering and plastering mortars on substrates
Osnova: EN 1015-12:2016
ICS: 91.100.10

This European Standard specifies a method for the determination of the adhesive strength between rendering and plastering mortars and a substrate.

SIST-TP CEN/TR 16912:2016
2016-10 (po) (en;fr;de) 19 str. (E)
Smernice za postopek podpore evropski standardizaciji cementov
Guidelines for a procedure to support the European standardization of cements
Osnova: CEN/TR 16912:2016
ICS: 01.120, 91.100.10

This CEN Technical Report provides guidance for the procedure to be followed in order to support the European standardization of new cements that are not covered by an existing European Standard.
The term 'new cement' has been used in this document to describe its primary focus, however, this same guideline procedure may be used for other products to be standardized by CEN/TC 51.

SIST/TC DTN Dvigalne in transportne naprave

SIST EN 13001-3-5:2016 SIST-TS CEN/TS 13001-3-5:2010
2016-10 (po) (en;fr;de) 80 str. (L)
Žerjavi - Konstrukcija, splošno - 3-5. del: Mejna stanja in dokaz varnosti kovanih kavljev
Cranes - General design - Part 3-5: Limit states and proof of competence of forged hooks
Osnova: EN 13001-3-5:2016
ICS: 53.020.20

This European Standard should be used together with the other relevant parts of the standard series. As such, they specify general conditions, requirements and methods to prevent hazards in hooks as part of all types of cranes.
This European Standard covers the following parts of hooks and types of hooks:
- bodies of any type of point hooks made of steel forgings;
- machined shanks of hooks with a thread/nut suspension.
NOTE 1 Principles of this European Standard can be applied to other types of shank hooks and also where stress concentration factors relevant to that shank construction are determined and used. Plate hooks, which are those, assembled of one or several parallel parts of rolled steel plates are not covered in this European Standard.
This European Standard is applicable to hooks from materials with ultimate strength of no more than 800 N/mm^2 and yield stress of no more than 600 N/mm^2.
The following is a list of significant hazardous situations and hazardous events that could result in risks to persons during normal use and foreseeable misuse. Clauses 4 to 8 of this document are necessary to reduce or eliminate the risks associated with the following hazards:
a) Exceeding the limits of strength (yield, ultimate, fatigue);
b) Exceeding temperature limits of material;
c) Unintentional disengagement of the load from the hook.

The requirements of this European Standard are stated in the main body of the document and are applicable to hook designs in general. The hook body and shank designs listed in Annexes A, B and G are only examples and should not be referred to as requirements of this European Standard. This European Standard is applicable to cranes, which are manufactured after the date of approval of this European Standard by CEN, and serves as a reference base for product standards of particular crane types.
NOTE 2 This part of EN 13001 deals only with the limit state method in accordance with EN 13001-1.

SIST/TC EAL Električni alarmi

SIST-TS CLC/TS 50131-2-9:2016
2016-10 (po) (en) 36 str. (H)
Alarmni sistemi - Sistemi za javljanje vloma in ropa - 2-9. del: Javljalniki vloma - Aktivni detektorji z infrardečim žarkom
Alarm systems - Intrusion and hold-up systems - Part 2-9: Intrusion detectors - Active infrared beam detectors
Osnova: **CLC/TS 50131-2-9:2016**
ICS: **13.310, 13.320**

This Technical Specification is applicable to Active Infrared Beam Detectors (AIBDs) installed inside buildings and used as part of intrusion alarm systems.
It specifies four security Grades 1 to 4 (in accordance with EN 50131 1) and uses environmental Classes I to IV (in accordance with EN 50130 5).
This standard covers only AIBDs using interruption based technology. Other technologies i.e. Doppler based technology are not covered by this document.
Functions additional to the mandatory functions specified in this document can be included in the AIBD, providing they do not adversely influence the correct operation of the mandatory functions.
This document does not apply to system interconnections.

SIST/TC EXP Električni aparati za eksplozivne atmosfere

SIST EN 50628:2016
2016-10 (po) (en;fr;de) 77 str. (L)
Namestitev električnih inštalacij v podzemnih rudnikih
Erection of electrical installations in underground mines
Osnova: **EN 50628:2016**
ICS: **73.100.01, 29.260.20**

This European standard EN 50628 specifies the safety requirements for the erection of electrical installations.
This standard is supplementary to other relevant harmonized standards, for example HD 60364 series and EN 61936-series as regards electrical installation requirements.
This part also refers to EN 60079-0 and its associated standards for the construction, testing and marking requirements of suitable electrical equipment.
EN 60079-14 standard gives the specific requirements for design, selection and erection of electrical installations in explosive atmospheres.
NOTE 1 EN 60079-14 standard can apply to electrical installations in mines where explosive gas atmospheres other than firedamp can be formed and to electrical installations in the surface installation of mines.
NOTE 2 For next edition of EN6079-14 installation requirements for mining equipment might be implemented.
This standard applies to
a) Electrical installation in underground workings of mines.

b) Electrical installations and parts of electrical installation above ground, which are directly connected with the underground workings in functional and safety relating matters because of being part of the underground working process.
These are in particular
• Safety and monitoring devices relating to the power distribution of the underground workings,
• Telecommunication installation of hoisting and inclined haulage plants,
• Intrinsically safe electrical installations of above ground installation being part of underground workings,
• Remote control systems if they have to fulfil increased requirements relating to functional safety,
• Electrical installation and electrical equipment of ventilation systems and shaft casings above ground being endangered by methane of the underground ventilation,
• Methane drainage systems.
c) Electrical installation in underground workings outside mining if it is demanded of the competent national authorities.
National regulations of the mining authority shall remain unaffected.

SIST/TC IBLP Barve, laki in premazi

SIST EN ISO 11664-6:2016
2016-10 (po) (en;fr;de) 18 str. (E)
Kolorimetrija - 6. del: Formula barvne razlike CIEDE2000 (ISO/CIE 11664-6:2014)
Colorimetry - Part 6: CIEDE2000 Colour-difference formula (ISO/CIE 11664-6:2014)
Osnova: EN ISO 11664-6:2016
ICS: 17.180.20

This CIE International Standard specifies the method of calculating colour differences according to the CIEDE2000 formula. The Standard is applicable to input values of CIELAB L*, a*, b* coordinates calculated according to ISO 11664-4:2008 (E) /CIE S 014-4/E:2007. The Standard may be used for the specification of the colour difference between two colour stimuli perceived as belonging to reflecting or transmitting objects. This includes displays, if they are being used to simulate reflecting or transmitting objects and if the tristimulus values representing the stimuli are appropriately normalized. The Standard does not apply to colour stimuli perceived as belonging to areas that appear to be emitting light as primary light sources, or that appear to be specularly reflecting such light.

SIST EN ISO 1514:2016 SIST EN ISO 1514:2005
2016-10 (po) (en;fr;de) 20 str. (E)
Barve in laki - Standardne ploščice za preskušanje (ISO 1514:2016)
Paints and varnishes - Standard panels for testing (ISO 1514:2016)
Osnova: EN ISO 1514:2016
ICS: 87.040

This International Standard specifies several types of standard panels and describes procedures for their preparation prior to painting. These standard panels are for use in general methods of test for paints, varnishes and related products (see Annex B).

SIST EN ISO 3248:2016 SIST EN ISO 3248:2001
2016-10 (po) (en;fr;de) 10 str. (C)
Barve in laki - Ugotavljanje vpliva toplote (ISO 3248:2016)
Paints and varnishes - Determination of the effect of heat (ISO 3248:2016)
Osnova: EN ISO 3248:2016
ICS: 87.040

This International Standard specifies a method for determining the resistance of single coatings or multi-coat systems of paints, varnishes or related products to changes in gloss and/or colour,

blistering, cracking and/or detachment from the substrate under conditions of a specified temperature.
This procedure is applicable to products intended for use on domestic radiators or other articles likely to be subjected to similar temperatures.

SIST/TC IEKA Električni kabli

SIST EN 60332-1-2:2005/A11:2016
2016-10 (po) (en) 4 str. (A)
Preskusi na električnih kablih in kablih iz optičnih vlaken v požarnih razmerah - 1-2. del: Preskus navpičnega širjenja ognja po posamezni izolirani žici ali kablu - Postopek za predmešani plamen 1 kW - Dopolnilo A11
Tests on electric and optical fibre cables under fire conditions - Part 1-2: Test for vertical flame propagation for a single insulated wire or cable - Procedure for 1 kW pre-mixed flame
Osnova: **EN 60332-1-2:2004/A11:2016**
ICS: **33.180.10, 29.060.20, 13.220.40**

Dopolnilo A11:2016 je dodatek k standardu SIST EN 60332-1-2:2005.
Ta del standarda IEC 60332 določa postopek preskušanja odpornosti proti širjenju požara v navpični smeri za enojni navpični električni izolirani vodnik/kabel ali kabel iz optičnih vlaken v primeru požara. Aparat je določen v standardu IEC 60332-1-1.
OPOMBA 1: Po potrebi se lahko preskušanje v skladu z določili standarda IEC 60332-1-2 izvaja hkrati s preskušanjem v skladu z določili standarda IEC 60332-1-3.
Priporočene zahteve glede lastnosti so navedene v dodatku A. IEC 60332-1-2 določa uporabo predmešanega plamena 1 kW in je namenjen za splošno uporabo, vendar predpisani postopek morda ne bo primeren za preskušanje posameznih tankih izoliranih vodnikov ali kablov s skupnim presekom manj kot 0,5 mm2, ker se vodnik stali, preden je preskus dokončan, ali za preskušanje tankih kablov iz optičnih vlaken, ker se kabel zlomi, preden je preskus dokončan. V teh primerih se priporoča uporaba postopka, navedenega v standardu IEC 60332-2-2.
OPOMBA 2: Ker zgolj uporaba izoliranega vodnika ali kabla, ki zavira širjenje požara in izpolnjuje priporočene zahteve tega standarda, ne zadostuje za preprečitev širjenja požara pri vseh pogojih napeljave, je treba v primeru visoke stopnje nevarnosti širjenja požara (npr. pri dolgih navpično speljanih snopih kablov) izvesti posebne previdnostne ukrepe glede napeljave. Predpostavka, da bodo snopi kablov delovali na podoben način, zato ker vzorec kabla izpolnjuje zahteve glede lastnosti, priporočene v tem standardu, ni nujno pravilna. (Glej skupino standardov IEC 60332-3.)

SIST HD 632 S3:2016 SIST HD 632 S2:2009
2016-10 (po) (en) 495 str. (2B)
Elektroenergetski kabli z ekstrudirano izolacijo in njihov pribor za naznačene napetosti nad 36 kV (Um = 42 kV) do 150 kV (Um = 170 kV)
Power cables with extruded insulation and their accessories for rated voltages above 36 kV (Um = 42 kV) up to 150 kV (Um = 170 kV)
Osnova: **HD 632 S3:2016**
ICS: **29.060.20**

This Part 1 of HD 632 specifies test methods and requirements for power cable systems, cables alone and accessories alone, for fixed installations and for rated voltages above 36 Kv (Um = 42 kV) up to and including 150 kV (Um = 170 kV).
Depending on the design and the system conditions, additional or even fewer tests or other requirements which are not described in the Part 1 can be specified in the particular sections of Parts 3 to 11.
In these parts each section is either:
1) A full tabulation showing how the particular section either agrees, or deviates from, each clause of Part 1; or
2) A reduced tabulation showing only those places where the particular section deviates from Part 1.

The requirements apply to single-core cables and to individually screened three-core cables and to their accessories for usual conditions of installation and operation, but not to special cables and their accessories, such as submarine cables, for which modifications to the standard tests may be necessary or special test conditions may need to be devised. This standard does not cover transition joints between cables with extruded insulation and paper insulated cables.

SIST/TC IEMO Električna oprema v medicinski praksi

SIST EN 61303:1995/AC:2016
2016-10 (po) (en) 3 str. (AC)
Medicinska električna oprema - Radionuklidni kalibratorji - Posebne metode za opis delovanja - Popravek AC
Medical electrical equipment - Radionuclide calibrators - Particular methods for describing performance
Osnova: EN 61303:1995/AC:2016-07
ICS: 11.040.50

Popravek k standardu SIST EN 61303:1995.
Covers radionuclide calibrators of the well type, with a gas-filled ionization chamber as used in the practice of nuclear medicine. The object of this standard is to identify the most important characteristics of radionuclide calibrators and lay down associated test methods to enable manufactures to declare the characteristics of their devices in a standardized way and facilitate comparisons between devices.

SIST EN 61675-1:2016 SIST EN 61675-1:1998
SIST EN 61675-1:1998/A1:2008
2016-10 (po) (en) 42 str. (I)
Naprave za slikanje z radionuklidi - Karakteristike in preskusni pogoji - 1. del: Pozitronska emisijska tomografija (IEC 61675-1:2013)
Radionuclide imaging devices - Characteristics and test conditions - Part 1: Positron emission tomographs (IEC 61675-1:2013)
Osnova: EN 61675-1:2014
ICS: 11.040.50

This part of IEC 61675 specifies terminology and test methods for declaring the characteristics of POSITRON EMISSION TOMOGRAPHS. POSITRON EMISSION TOMOGRAPHS detect the ANNIHILATION RADIATION of positron emitting RADIONUCLIDES by COINCIDENCE DETECTION. No test has been specified to characterize the uniformity of reconstructed images, because all methods known so far will mostly reflect the noise in the image.

SIST/TC IFEK Železne kovine

SIST EN 10272:2016 SIST EN 10272:2007
2016-10 (po) (en;fr;de) 39 str. (H)
Nerjavne jeklene palice za tlačne posode
Stainless steel bars for pressure purposes
Osnova: EN 10272:2016
ICS: 77.140.20, 77.140.60, 77.140.30

This document specifies the technical delivery conditions for hot and cold formed stainless steel bars for the construction of pressure equipment supplied in accordance with one of the process routes and surface finishes listed in Table 5.
The general technical delivery conditions in EN 10021 also apply.

NOTE Once this European Standard is published in the EU Official Journal (OJEU) under Directive 97/23/EC, presumption of conformity to the Essential Safety Requirements (ESRs) of Directive 97/23/EC is limited to technical data of materials in this European Standard and does not presume adequacy of the material to a specific item of equipment. Consequently, the assessment of the technical data stated in this material standard against the design requirements of this specific item of equipment to verify that the ESRs of Directive 97/23/EC are satisfied, needs to be done.

SIST EN 10273:2016 SIST EN 10273:2008
2016-10 (po) (en;fr;de) 30 str. (G)
Vroče valjane jeklene palice, primerne za varjenje tlačnih posod, s specificiranimi lastnostmi pri povišanih temperaturah
Hot rolled weldable steel bars for pressure purposes with specified elevated temperature properties
Osnova: EN 10273:2016
ICS: 77.140.60, 77.140.30

This European Standard specifies the technical delivery conditions for hot rolled weldable steel bars for the construction of pressure equipment for use at elevated temperatures.
The general technical delivery conditions in EN 10021 also apply to products supplied in accordance with this European Standard.
NOTE Once this European Standard is published in the Official Journal of the European Union (OJEU) under Directive 97/23/EC, presumption of conformity to the Essential Safety Requirements (ESRs) of Directive 97/23/EC is limited to technical data of materials in this European Standard and does not presume adequacy of the material to a specific item of equipment. Consequently, the assessment of the technical data stated in this material standard against the design requirements of this specific item of equipment to verify that the ESRs of the Pressure Equipment Directive 97/23/EC are satisfied, needs to be done.

SIST EN 10305-1:2016 SIST EN 10305-1:2010
2016-10 (po) (en;fr;de) 28 str. (G)
Jeklene cevi za precizno uporabo - Tehnični dobavni pogoji - 1. del: Nevarjene hladno vlečene cevi
Steel tubes for precision applications - Technical delivery conditions - Part 1: Seamless cold drawn tubes
Osnova: EN 10305-1:2016
ICS: 77.140.75

This European Standard specifies the technical delivery conditions for seamless cold drawn steel tubes of circular cross section for precision applications with specified outside diameter D ≤ 380 mm.
NOTE This document may also be applied to other types of cross sections.
Tubes according to this document are characterized by having precisely defined tolerances on dimensions and a specified maximum surface roughness. Typical fields of application are in the automotive, furniture and general engineering industries.

SIST EN 10305-2:2016 SIST EN 10305-2:2010
2016-10 (po) (en;fr;de) 23 str. (F)
Jeklene cevi za precizno uporabo - Tehnični dobavni pogoji - 2. del: Varjene hladno vlečene cevi
Steel tubes for precision applications - Technical delivery conditions - Part 2: Welded cold drawn tubes
Osnova: EN 10305-2:2016
ICS: 77.140.75

This European Standard specifies the technical delivery conditions for welded cold drawn steel tubes of circular cross section for precision applications with specified outside diameter D ≤ 150 mm.

NOTE This document may also be applied to other types of cross section.
Tubes according to this document are characterized by having precisely defined tolerances on dimensions and a specified maximum surface roughness. Typical fields of application are in the automotive, furniture and general engineering industries.

SIST EN 10305-3:2016 SIST EN 10305-3:2010
2016-10 (po) (en;fr;de) 24 str. (F)
Jeklene cevi za precizno uporabo - Tehnični dobavni pogoji - 3. del: Varjene hladno dimenzionirane cevi
Steel tubes for precision applications - Technical delivery conditions - Part 3: Welded cold sized tubes
Osnova: EN 10305-3:2016
ICS: 77.140.75

This European Standard specifies the technical delivery conditions for welded cold sized steel tubes of circular cross section for precision applications with specified outside diameter D ≤ 193,7 mm.
NOTE This document may also be applied to other types (excluding square and rectangular) of cross section.
Tubes according to this document are characterized by having precisely defined tolerances on dimensions and a specified maximum surface roughness. Typical fields of application are in the vehicle, furniture and general engineering industries.

SIST EN 10305-4:2016 SIST EN 10305-4:2011
2016-10 (po) (en;fr;de) 21 str. (F)
Jeklene cevi za precizno uporabo - Tehnični dobavni pogoji - 4. del: Hladno vlečene nevarjene cevi za hidravlične in pnevmatične tlačne vode
Steel tubes for precision applications - Technical delivery conditions - Part 4: Seamless cold drawn tubes for hydraulic and pneumatic power systems
Osnova: EN 10305-4:2016
ICS: 77.140.75

This European Standard specifies the technical delivery conditions for seamless cold drawn steel tubes of circular cross section used in hydraulic and pneumatic power systems.
Tubes according to this document are characterized by having precisely defined tolerances on dimensions and a specified maximum surface roughness.
The allowed pressure rates and upper temperatures are the responsibility of the customer in accordance with the state of the art and in application of the safety coefficients specified in the applicable regulations, codes or standards. Concerning the lower temperature range applicability the impact energy requirements are given at 0° C.
NOTE Once this standard is published in the Official Journal of the European Union (OJEU) under Directive 97/23/EC, presumption of conformity to the Essential Safety Requirements (ESRs) of Directive 97/23/EC is limited to technical data of materials in this standard and does not presume adequacy of the material to a specific item of equipment. Consequently, the assessment of the technical data stated in this material standard against the design requirements of this specific item of equipment to verify that the ESRs of the Pressure Equipment Directive are satisfied, needs to be done.

SIST EN 10305-5:2016 SIST EN 10305-5:2010
2016-10 (po) (en;fr;de) 24 str. (F)
Jeklene cevi za precizno uporabo - Tehnični dobavni pogoji - 5. del: Varjene in hladno dimenzionirane kvadratne in pravokotne cevi
Steel tubes for precision applications - Technical delivery conditions - Part 5: Welded cold sized square and rectangular tubes
Osnova: EN 10305-5:2016
ICS: 77.140.75

This European Standard specifies the technical delivery conditions for welded cold sized steel tubes of square and rectangular cross section for precision applications.
Tubes according to this document are characterized by having precisely defined tolerances on dimension and a specified maximum surface roughness. Typical fields of application are in the automotive, furniture and general engineering industries.

SIST EN 10305-6:2016 SIST EN 10305-6:2005
2016-10 (po) (en;fr;de) 20 str. (E)
Jeklene cevi za precizno uporabo - Tehnični dobavni pogoji - 6. del: Hladno vlečene varjene cevi za hidravlične in pnevmatične tlačne vode
Steel tubes for precision applications - Technical delivery conditions - Part 6: Welded cold drawn tubes for hydraulic and pneumatic power systems
Osnova: EN 10305-6:2016
ICS: 77.140.75

This Part of EN 10305 specifies the technical delivery conditions for welded cold drawn tubes of circular cross section for use in hydraulic and pneumatic power systems.
Tubes according to this Part of EN 10305 are characterized by having precisely defined tolerances on dimensions and a specified surface roughness.
The allowed pressure rates and upper temperatures are the responsibility of the customer in accordance with the state of the art and in application of the safety coefficients specified in the applicable regulations, codes or standards. Concerning the lower temperature range applicability the impact energy requirements are given at 0 °C.
NOTE Once this standard is published in the Official Journal of the European Union (OJEU) under Directive 97/23/EC, presumption of conformity to the Essential Safety Requirements (ESRs) of Directive 97/23/EC is limited to technical data of materials in this standard and does not presume adequacy of the material to a specific item of equipment. Consequently, the assessment of the technical data stated in this material standard against the design requirements of this specific item of equipment to verify that the ESRs of the Pressure Equipment Directive are satisfied, needs to be done.

SIST EN 10363:2016
2016-10 (po) (en;fr;de) 16 str. (D)
Kontinuirno vroče valjani vzorčasti jekleni trakovi in trakovi brez prevleke - Mejni odstopki mer in tolerance oblik
Continuously hot-rolled patterned steel strip and plate/sheet cut from wide strip - Tolerances on dimensions and shape
Osnova: EN 10363:2016
ICS: 17.040.10, 77.140.50

This European standard specifies tolerances on dimensions and shape for hot-rolled uncoated embossed steel strip and plate/sheet cut of it with a maximum width of 2200 mm and thicknesses up to 20 mm, of non-alloy and alloy steels.

SIST EN ISO 11970:2016 SIST EN ISO 11970:2007
2016-10 (po) (en;fr;de) 25 str. (F)
Popis in odobritev varilnih postopkov za proizvodno varjenje jeklenih ulitkov (ISO 11970:2016)
Specification and approval of welding procedures for production welding of steel castings (ISO 11970:2016)
Osnova: EN ISO 11970:2016
ICS: 77.140.80, 25.160.10

This International Standard specifies how a welding procedure specification (WPS) for production welding of steel castings is qualified.

It defines the conditions for the execution of welding procedure qualification tests and the limits of validity of a qualified welding procedure for all practical welding operations within the range of essential variables.
Tests are intended to be carried out in accordance with this International Standard unless additional tests are specified by the purchaser or by agreement between the contracting parties.
This International Standard applies to the arc welding of steel castings. The principles of this International Standard can be applied to other fusion welding processes subject to agreement between the contracting parties.
In the case of specific service, material or manufacturing conditions, tests more comprehensive than those specified by this International Standard can be specified by the purchaser, in order to gain more information, e.g. longitudinal weld tensile tests, bend tests, chemical analyses, ferrite determination in austenitic stainless steels, elongation, Charpy "V" impact tests, and radiography.

SIST/TC IMKG Mehanizacija za kmetijstvo in gozdarstvo

SIST EN 16831:2016
2016-10 (po) (en;fr;de) 25 str. (F)
Traktorji ter kmetijski in gozdarski stroji - Varnost - Format za poročanje o nesrečah
Tractors and machinery for agriculture and forestry - Safety - Format for reporting accidents
Osnova: EN 16831:2016
ICS: 35.240.68, 65.060.10, 13.200

This Europen Standard establishes a uniform format for reporting accidents where the following equipment is involved:
- Agricultural and forestry tractors (NACE code 09.02.03.01)
- Equipment fitted on tractors (e.g. a front - end loader) (NACE code 09.02.99.00)
- Equipment mounted on the tractor (front and/or rear) (NACE code 09.02.99.00)
- Equipment towed by tractors (trailers and machinery) (NACE code 09.02.04.99)
- Self - propelled machinery (NACE 09.02.03.02)
- Telescopic loaders (NACE code 09.02.03.02)
- Lawn and gardening equipment (NACE code 09.02.99.00)
- Powered hand - held machinery used in agriculture (NACE code 09.02.99.00)
Accidents with this equipment during on - road use are also in the scope of this standard.
Material handling machinery, other than telescopic loaders, and fixed stationary equipment are excluded from the scope of this standard. Equipment listed in the first clause, but used in another environment than agriculture or forestry is excluded from the scope of this standard. (e.g. tractors used on construction sites) All profiles of harmed persons shall be in the scope. There shall be no distinction/exemption between employers, employees, self-employed persons and bystanders.

SIST/TC INEK Neželezne kovine

SIST EN 12163:2016 SIST EN 12163:2011
2016-10 (po) (en;fr;de) 45 str. (I)
Baker in bakrove zlitine - Palice za splošno uporabo
Copper and copper alloys - Rod for general purposes
Osnova: EN 12163:2016
ICS: 77.150.30

This European Standard specifies the composition, property requirements and dimensional tolerances for copper alloy rod in the shape of circles, squares, hexagons or octagons, finally produced by drawing or extruding intended for general purposes.
The sampling procedures and the methods of test for verification of conformity to the requirements of this European Standard are also specified.

SIST EN 12164:2016 SIST EN 12164:2011
2016-10 (po) (en;fr;de) 39 str. (H)
Baker in bakrove zlitine - Palice za obdelavo z odrezovanjem na avtomatih
Copper and copper alloys - Rod for free machining purposes
Osnova: **EN 12164:2016**
ICS: **77.150.30**

This European Standard specifies the composition, property requirements and dimensional tolerances for copper alloy rod, in the shape of circles, squares, hexagons or octagons, finally produced by drawing or extruding, especially intended for free machining purposes.
The sampling procedures and the methods of test for verification of conformity to the requirements of this European Standard are also specified.

SIST EN 12165:2016 SIST EN 12165:2011
2016-10 (po) (en;fr;de) 30 str. (G)
Baker in bakrove zlitine - Palice (lite in izstiskane) za izkovke
Copper and copper alloys - Wrought and unwrought forging stock
Osnova: **EN 12165:2016**
ICS: **77.150.30**

This European Standard specifies the composition, property requirements and dimensional tolerances for forging stock of copper and copper alloys.
The sampling procedures and the methods of test for verification of conformity to the requirements of this European Standard are also specified.

SIST EN 12166:2016 SIST EN 12166:2011
2016-10 (po) (en;fr;de) 42 str. (I)
Baker in bakrove zlitine - Žica za splošno uporabo
Copper and copper alloys - Wire for general purposes
Osnova: **EN 12166:2016**
ICS: **77.150.30**

This European Standard specifies the composition, property requirements and dimensional tolerances for copper alloy wire, finally produced by drawing, rolling or extruding, intended for general purposes, spring and fastener manufacturing applications.
The sampling procedures and the methods of test for verification of conformity to the requirements of this European Standard are also specified.

SIST EN 12167:2016 SIST EN 12167:2011
2016-10 (po) (en;fr;de) 50 str. (I)
Baker in bakrove zlitine - Profili in palice za splošno uporabo
Copper and copper alloys - Profiles and bars for general purposes
Osnova: **EN 12167:2016**
ICS: **77.150.30**

This European Standard specifies the composition, property requirements and dimensional tolerances for copper alloy profiles including L-, T-, U-shaped cross-sections, and bars, finally produced by drawing or extruding. This European Standard applies to profiles with L-, T- and U-shaped cross-sections which would fit within a circumscribing circle of a maximum 180 mm diameter and to bars with thicknesses from 3 mm up to and including 60 mm and with widths from 6 mm up to and including 120 mm. The sampling procedures, the methods of test for verification of conformity to the requirements of this European Standard, are also specified.

SIST EN 12168:2016 SIST EN 12168:2011
2016-10 (po) (en;fr;de) 41 str. (I)
Baker in bakrove zlitine - Votle palice za obdelavo z odrezovanjem na avtomatih
Copper and copper alloys - Hollow rod for free machining purposes
Osnova: EN 12168:2016
ICS: 77.150.30

This European Standard specifies the composition, property requirements and dimensional tolerances for copper alloy hollow rod, finally produced by drawing or extruding, specifically intended for free machining purposes.
NOTE Hollow products having an outside diameter greater than 80 mm and/or a wall thickness less than 2 mm are specified in EN 12449.
The sampling procedures, the methods of test for verification of conformity to the requirements of this European Standard, are also specified.

SIST EN 485-1:2016 SIST EN 485-1:2008+A1:2010
2016-10 (po) (en;fr;de) 18 str. (E)
Aluminij in aluminijeve zlitine - Pločevine, trakovi in plošče - 1. del: Tehnični pogoji za pregled in dobavo
Aluminium and aluminium alloys - Sheet, strip and plate - Part 1: Technical conditions for inspection and delivery
Osnova: EN 485-1:2016
ICS: 77.150.10

This document specifies the technical conditions for inspection and delivery of wrought aluminium and wrought aluminium alloy sheet, strip and plate for general applications. It also includes provisions for ordering and testing.
It applies to products with a thickness over 0,20 mm up to and including 400 mm.
For many special applications of aluminium strip, sheet and plate, specific European Standards exist, where different or additional requirements are formulated and the appropriate alloys and tempers are selected: see Annex A. Most of these special European Standards refer to provisions of this document.
The selection of the relevant special European Standards is under the responsibility of the purchaser.
Whenever the application involves special properties, such as corrosion resistance, toughness, fatigue strength, surface appearance and welding properties, the user should consult the supplier and consider the relevant special European Standard, as applicable.

SIST EN 485-2:2016 SIST EN 485-2:2014
2016-10 (po) (en;fr;de) 102 str. (N)
Aluminij in aluminijeve zlitine - Pločevine, trakovi in plošče - 2. del: Mehanske lastnosti
Aluminium and aluminium alloys - Sheet, strip and plate - Part 2: Mechanical properties
Osnova: EN 485-2:2016
ICS: 77.150.10

This European Standard specifies the mechanical properties of wrought aluminium and wrought aluminium alloy sheet, strip and plate for general engineering applications.
It does not apply to semi-finished rolled products in coiled form to be subjected to further rolling (reroll stock) or to special products such as corrugated, embossed, painted, sheets and strips or to special applications such as aerospace, can stock, finstock, for which mechanical properties are specified in separate European Standards.
The chemical composition limits of the alloys are specified in EN 573-3. Temper designations are defined in EN 515.

SIST/TC IPMA Polimerni materiali in izdelki

SIST EN 12703:2016 SIST EN 12703:2012
2016-10 (po) (en;fr;de) 8 str. (B)
Lepila za papir in karton za embalažo ter za higienske proizvode za enkratno uporabo - Ugotavljanje upogibnosti pri nizkih temperaturah ali temperature loma lepilnega spoja v hladnem
Adhesives for paper and board, packaging and disposable sanitary products - Determination of low temperature flexibility or cold crack temperature
Osnova: EN 12703:2016
ICS: 55.040, 83.180

This European Standard specifies a method to determine whether a film of adhesive of given dimensions will craze, crack or fracture at a specified temperature.
Alternatively, the temperature at which the film will craze, crack or fracture can be determined.
The method described can be used as a quality control test, or to compare the flexibility of adhesives at low temperatures.

SIST EN 12704:2016 SIST EN 12704:2012
2016-10 (po) (en;fr;de) 8 str. (B)
Lepila za papir in karton za embalažo ter za higienske proizvode za enkratno uporabo - Ugotavljanje nastajanja pene pri vodnih vrstah lepil
Adhesives for paper and board, packaging and disposable sanitary products - Determination of foam formation for aqueous adhesives
Osnova: EN 12704:2016
ICS: 55.040, 83.180

This European Standard specifies a test method to determine the foam formation, or air entrainment during rapid stirring of aqueous adhesives with a maximum viscosity of 10 000 MPa·s at room temperature determined in accordance with EN 12092.

SIST EN 12765:2016 SIST EN 12765:2002
2016-10 (po) (en;fr;de) 7 str. (B)
Razvrstitev duromernih lepil za les za nekonstrukcijsko uporabo
Classification of thermosetting wood adhesives for non-structural applications
Osnova: EN 12765:2016
ICS: 83.180

This European Standard classifies thermosetting resin based wood adhesives for non-structural applications into durability classes C1 to C4 based on the dry and wet strengths of bond-lines measured under specified conditions after various conditioning treatments.
For special applications, further tests, which do not fall within the scope of this standard can be applicable.
The adhesives specified in this European Standard are suitable for the bonding of furniture and interior structures, panelling, doors, windows, stairs etc. made of wood or derived timber products.

SIST EN 14713:2016 SIST EN 14713:2006
2016-10 (po) (en;fr;de) 11 str. (C)
Lepila za papir in karton za embalažo ter za higienske proizvode za enkratno uporabo - Določanje frikcijskih lastnosti filmov, ki naj bi bili sposobni lepljenja
Adhesives for paper and board, packaging and disposable sanitary products - Determination of friction properties of films potentially suitable for bonding
Osnova: EN 14713:2016
ICS: 55.040, 83.180

This European Standard specifies test methods to assess the coefficients of friction of potentially adhesive films or layers, such as coatings with reactivable adhesives, hot melts or waxes, for use with paper and board, packaging and disposable sanitary products. This European Standard specifies test methods to assess the coefficients of friction of potentially adhesive films or layers, such as coatings with reactivable adhesives, hot melts or waxes, for use with paper and board, packaging and disposable sanitary products.

SIST EN 16643:2016
2016-10 (po) (en;fr;de) 43 str. (I)
Gumene in polimerne cevi ter cevni priključki - Nevezane s fluoroplastiko (npr. PTFE) obložene cevi in cevni priključki za tekoče in plinaste kemikalije - Specifikacija
Rubber and plastics hoses and hose assemblies - Non-bonded fluoroplastic lined (e.g. PTFE) hoses and hose assemblies for liquid and gaseous chemicals - Specification
Osnova: EN 16643:2016
ICS: 23.040.70

This European Standard specifies requirements for three types of non-bonded fluoroplastic lined hoses and hose assemblies with convoluted or smooth linings designed to convey liquid or gaseous chemical substances, hereinafter termed the "chemicals conveyed".
The hose assemblies are intended for use with chemicals conveyed in the temperature range of -70 degrees C to +260 degrees C at a working pressure of up to 360 bar1)
NOTE 1 This standard sets out requirements for these hoses and hose assemblies to ensure that users are not exposed to danger from fire or explosion and that the environment is protected against contamination or damage.
NOTE 2 Other working pressures than those given above can be agreed with the manufacturer provided the physical properties of the hose assembly materials conform to clause 8, the hose and hose assembly performance requirements conform to clause 9 and the hose assembly electrical properties conform to clause 10.
NOTE 3 Other diameters than those given in this standard can be agreed with the manufacturer provided the physical properties of the hose assembly materials conform to clause 8, the hose and hose assembly performance requirements conform to clause 9 and the hose assembly electrical properties conform to clause 10.
NOTE 4 This standard also provides guidance on the storage of hose assemblies (clause 15).
NOTE 5 The attention of users is drawn to annex G concerning the working temperature range which can be affected by the chemical(s) to be conveyed in the hoses and hose assemblies.
NOTE 6 The attention of users is drawn to annex G concerning the selection of materials for lining, helix wire (if applicable), electrical bonding wire (if applicable), braid reinforcement and cover (if applicable) related to the chemical(s) to be conveyed by the hoses and hose assemblies.

SIST EN 1765:2016 SIST EN 1765:2005
2016-10 (po) (en;fr;de) 29 str. (G)
Gumeni cevni priključki za dotok in odtok nafte in naftnih derivatov - Specifikacija za priključke
Rubber hose assemblies for oil suction and discharge services - Specification for the assemblies
Osnova: EN 1765:2016
ICS: 83.140.40, 75.200

This European Standard specifies the characteristics of four types of oil suction and discharge hose assemblies used for the conveyance of petroleum, including crude oils and other liquid petroleum products containing a maximum aromatics content of 50 % (v/v). It is not suitable for liquefied petroleum gas and natural gas.
Hose assemblies to this document can be used in the temperature range −20 °C to 82 °C.
The hoses specified are in the size range of nominal bore 50 to 500 and may be smooth bore, rough bore or armoured rough bore.
Hoses for use with petroleum products having an aromatic content greater than 50 % (v/v) are outside the scope of this document but the requirements may be used as a basis for such hoses on request to the manufacturer.

SIST EN 204:2016 SIST EN 204:2002

2016-10 (po) (en;fr;de) 8 str. (B)

Razvrstitev plastomernih lepil za les za nekonstrukcijsko uporabo

Classification of thermoplastic wood adhesives for non-structural applications

Osnova: EN 204:2016

ICS: 83.180

This European Standard classifies thermoplastic resin based wood adhesives for non-structural applications into durability classes D1 to D4 based on the dry and wet strengths of bond-lines measured under specified conditions after various conditioning treatments.
For special applications, further tests that do not fall within the scope of this standard can be applicable.
The adhesives specified in this standard are suitable for the bonding of furniture and interior structures, panelling, doors, windows, stairs etc. made of wood or derived timber products.
This European Standard does not specify the temperature resistance of bond-lines.

SIST EN 205:2016 SIST EN 205:2003

2016-10 (po) (en;fr;de) 12 str. (C)

Lepila - Lepila za les za nekonstrukcijsko uporabo - Ugotavljanje natezno-strižne trdnosti spojev s preklopom

Adhesives - Wood adhesives for non-structural applications - Determination of tensile shear strength of lap joints

Osnova: EN 205:2016

ICS: 83.180

This European Standard specifies tests for adhesives for wood and derived timber products for the assessment of their resistance to hot and cold water. It can be used for the assessment of the strength of bonds with a thin bond-line. It does not apply to adhesives for structural use or to the manufacture of particleboards, fibreboards and plywood. It does not replace tests on finished products.

SIST EN ISO 18752:2016

2016-10 (po) (en;fr;de) 23 str. (F)

Gumene cevi in cevni priključki - Vrste hidravličnih cevi in priključkov, ojačenih z žico ali tekstilom, z enojnim delovnim tlakom - Specifikacija (ISO 18752:2014)

Rubber hoses and hose assemblies - Wire- or textile-reinforced single-pressure types for hydraulic applications - Specification (ISO 18752:2014)

Osnova: EN ISO 18752:2016

ICS: 23.040.70

This European Standard specifies tests for adhesives for wood and derived timber products for the assessment of their resistance to hot and cold water. It can be used for the assessment of the strength of bonds with a thin bond-line. It does not apply to adhesives for structural use or to the manufacture of particleboards, fibreboards and plywood. It does not replace tests on finished products.

SIST EN ISO 4590:2016 SIST EN ISO 4590:2003

2016-10 (po) (en;fr;de) 30 str. (G)

Trdi penjeni polimerni materiali - Določanje prostorninskega deleža odprtih in zaprtih celic (ISO 4590:2016)

Rigid cellular plastics - Determination of the volume percentage of open cells and of closed cells (ISO 4590:2016)

Osnova: EN ISO 4590:2016

ICS: 83.100

This International Standard specifies a general procedure for the determination of the volume percentage of open and of closed cells of rigid cellular plastics, by measurement first of the geometrical volume and then of the air-impenetrable volume of test specimens.
The procedure includes the correction of the apparent open-cell volume by taking into account the surface cells opened by cutting during specimen preparation. Three alternative methods (method 1, method 2a and method 2b), and corresponding apparatus, are specified for the measurement of the impenetrable volume.

SIST/TC ISEL Strojni elementi

SIST EN 15048-1:2016 SIST EN 15048-1:2007
2016-10 (po) (en;fr;de) 30 str. (G)
Vijačne zveze brez prednapetja - 1. del: Splošne zahteve
Non-preloaded structural bolting assemblies - Part 1: General requirements
Osnova: EN 15048-1:2016
ICS: 21.060.10

This part of this European Standard specifies the general requirements for bolting assemblies for non-preloaded structural bolting. Bolting assemblies in accordance with this European Standard are designed to be used in structural bolting connections for shear and/or tensile loading.
The intended use of bolting assemblies in accordance with this European standard is structural metallic works.
It applies to bolts (the term used when bolts partially threaded, screws, studs and stud-bolts are considered all together) and nuts made of carbon steel, alloy steel, stainless steel or aluminium or aluminium alloy with the following property classes:
- bolts made of carbon steel and alloy steel: 4.6, 4.8, 5.6, 5.8, 6.8, 8.8, 10.9 (in accordance with EN ISO 898 1);
- nuts made of carbon steel and alloy steel: 5, 6, 8, 10, 12 (in accordance with EN ISO 898 2);
- bolts made of austenitic stainless steel: 50, 70, 80 (in accordance with EN ISO 3506 1);
- nuts made of austenitic stainless steel: 50, 70, 80 (in accordance with EN ISO 3506 2);
- bolts made of aluminium or aluminium alloy: AL1 to AL6 (in accordance with EN 28839);
- nuts made of aluminium or aluminium alloy: AL1 to AL6 (in accordance with EN 28839).
This European Standard applies to bolting assemblies with ISO metric coarse pitch thread from sizes M12 to M39 for use in steel structures according to EN 1090 2, and from M5 to M39 for use in aluminium or aluminium alloy structures according to EN 1090 3. The use of thread sizes larger than M39 is not precluded provided all applicable requirements of this standard are met.
WARNING — Only bolting assemblies are covered by this harmonized standard: separate bolts or nuts, not tested as part of an assembly lot of bolting assemblies in accordance with EN 15048 2, are not covered by this harmonized standard and cannot be CE marked.
NOTE 1 The property classes 4.8, 5.8 and 6.8 may be subjected to limitations of use.
NOTE 2 High-strength structural bolting assemblies for preloading which meet the requirements of EN 14399–1 are not within the scope of this European Standard but they are also suitable for use in non-preloaded structural bolting.
NOTE 3 Bolts and nuts made of aluminium or aluminium alloys are not designed to be used in steel structures, see EN 1090–2.
Bolting assemblies in accordance with this European Standard are not designed to be welded.
Railway rail fasteners are not covered by this European Standard.

SIST EN 15048-2:2016 SIST EN 15048-2:2007
2016-10 (po) (en;fr;de) 13 str. (D)
Vijačne zveze brez prednapetja - 2. del: Ustreznost namenu
Non-preloaded structural bolting assemblies - Part 2: Fitness for purpose
Osnova: EN 15048-2:2016
ICS: 21.060.10

This European Standard specifies the technical requirements for structural bolting assemblies in order to ensure the suitability for non-preloaded bolted connections in steel structures or aluminium structures.
A suitability test is specified to check the behaviour of the structural bolting assemblies. It applies to bolting assemblies specified in FprEN 15048 1.

SIST/TC ITC Informacijska tehnologija

SIST-TS CEN ISO/TS 17425:2016
2016-10 (po) (en;fr;de) 114 str. (N)
Inteligentni transportni sistemi - Kooperativni sistemi - Specifikacije za izmenjavo zunanjih cestnih in prometnih podatkov za prikaz v vozilu (ISO 17425:2016)
Intelligent transport systems - Cooperative systems - Data exchange specification for in-vehicle presentation of external road and traffic related data (ISO 17425:2016)
Osnova: CEN ISO/TS 17425:2016
ICS: 43.040.15, 35.240.60, 03.220.01

The scope of this technical specification is to specify the application that delivers information to ITS stations (vehicle or nomadic device) on qualified road and traffic conditions, in a consistent way with road authorities'/operators' requirements, in the manner that is coherent with the information that would be displayed on a road sign or variable message sign (VMS/DMS). This application is colloquially called "in-vehicle signage". The targeted draft includes the onboard information management, to be contextually coherent (e.g. vehicle characteristics, message priority, etc.). The production of information supporting this application, its qualification and its relevance that are the responsibility of road authorities/operators (TCC or TMC in general) are out of the scope of this technical specification.

SIST/TC ITEK Tekstil in tekstilni izdelki

SIST EN 1102:2016 SIST EN 1102:1999
2016-10 (po) (en;fr;de) 7 str. (B)
Tekstilije - Gorljivost - Zavese in zastori - Podroben opis postopka za ugotavljanje razširjanja plamena navpično nameščenih preskušancev
Textiles and textile products - Burning behaviour - Curtains and drapes - Detailed procedure to determine the flame spread of vertically oriented specimens
Osnova: EN 1102:2016
ICS: 97.160, 13.220.40

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 ISO 5089:2016
2016-10 (po) (en;fr;de) 8 str. (B)
Tekstilije - Priprava laboratorijskih preskusnih vzorcev in preskušancev za kemijsko preskušanje (ISO 5089:1977)
Textiles - Preparation of laboratory test samples and test specimens for chemical testing (ISO 5089:1977)
Osnova: EN ISO 5089:2016
ICS: 71.040.01, 59.080.01

SIST EN ISO 5089 Specifies methods of obtaining laboratory test samples of textile materials from laboratory bulk samples taken from a bulk source, and gives general directions for the preparation of test specimens of convenient size for chemical tests. Definitions in relating to bulk source, laboratory bulk sample, laboratory test sample and test specimen are given.

SIST EN ISO 9863-1:2016 SIST EN ISO 9863-1:2005
2016-10 (po) (en;fr;de) 12 str. (C)
Geosintetika - Ugotavljanje debeline pri predpisanih tlakih - 1. del: Enojne plasti (ISO 9863-1:2016)
Geosynthetics - Determination of thickness at specified pressures - Part 1: Single layers (ISO 9863-1:2016)
Osnova: EN ISO 9863-1:2016
ICS: 59.080.70

This part of ISO 9863 specifies a method for the determination of the thickness of geosynthetics at specified pressures and specified load plate areas or under specified point loads. It defines the pressures or the load at which the thickness is determined.
The test results are intended for identification purposes and for use in technical data sheets and/or as part of other test methods, e.g. tests of hydraulic properties.
The method is applicable to all geosynthetics.

SIST/TC IVAR Varjenje

SIST EN ISO 14171:2016 SIST EN ISO 14171:2011
2016-10 (po) (en;fr;de) 28 str. (G)
Dodajni materiali za varjenje - Žice, strženske žice in kombinacije žica/prašek za obločno varjenje pod praškom nelegiranih in finozrnatih jekel - Razvrstitev (ISO 14171:2016)
Welding consumables - Solid wire electrodes, tubular cored electrodes and electrode/flux combinations for submerged arc welding of non alloy and fine grain steels - Classification (ISO 14171:2016)
Osnova: EN ISO 14171:2016
ICS: 25.160.20

This International Standard specifies the requirements for the classification of electrode/flux combinations and weld metal in the as-welded condition and in the post-weld heat-treated condition for submerged arc welding of non-alloy and fine grain steels with minimum yield strength of up to 500 MPa or a minimum tensile strength of up to 570 MPa. One flux can be classified with different solid wire electrodes and tubular cored electrodes. The solid wire electrode is also classified separately based on chemical composition.
This International Standard is a combined specification providing for classification utilizing a system based upon the yield strength and the average impact energy for weld metal of 47 J, or utilizing a system based upon the tensile strength and the average impact energy for weld metal of 27 J.
a) Paragraphs and tables which carry the suffix letter "A" are applicable only to electrode/flux combinations and wire electrodes classified using the system based upon the yield strength and the average impact energy for weld metal of 47 J, in accordance with this International Standard.

b) Clauses and tables which carry the suffix letter "B" are applicable only to electrode/flux combinations and wire electrodes classified using the system based upon the tensile strength and the average impact energy for weld metal of 27 J, in accordance with this International Standard.
c) Clauses and tables which do not have either the suffix letter "A" or the suffix letter "B" are applicable to all electrode/flux combinations and wire electrodes classified in accordance with this International Standard. Fluxes for the single-run and two-run techniques are classified on the basis of the two-run technique.

SIST EN ISO 15012-4:2016
2016-10 (po) (en;fr;de) 21 str. (F)
Varnost in zdravje pri varjenju in sorodnih postopkih - Oprema za zajem in ločevanje varilnega dima - 4. del: Zahteve za konstruiranje (ISO 15012-4:2016)
Health and safety in welding and allied processes - Equipment for capture and separation of welding fume - Part 4: Design requirements (ISO 15012-4:2016)
Osnova: EN ISO 15012-4:2016
ICS: 13.100, 25.160.10, 13.040.40

This standard specifies general requirements for the function of equipment for capture and separation of welding fume, with a focus on avoiding unintended release of hazardous substances during its use to maintain a healthy work place atmosphere. Fulfilling the requirements specified in this standard will ensure a safe operation and functioning of the separation equipment. Enclosures are not covered by this standard.

SIST EN ISO 3581:2016 SIST EN ISO 3581:2012
2016-10 (po) (en;fr;de) 31 str. (G)
Dodajni materiali za varjenje - Oplaščene elektrode za ročno obločno varjenje nerjavnih in ognjeodpornih jekel - Razvrstitev (ISO 3581:2016)
Welding consumables - Covered electrodes for manual metal arc welding of stainless and heat-resisting steels - Classification (ISO 3581:2016)
Osnova: EN ISO 3581:2016
ICS: 25.160.20

This International Standard specifies requirements for classification of covered electrodes, based on the all-weld metal chemical composition, the type of electrode covering and other electrode properties, and the all-weld metal mechanical properties, in the as-welded or heat-treated conditions, for manual metal arc welding of stainless and heat-resisting steels.
This International Standard is a combined standard providing for classification utilizing a system based upon classification according to nominal composition or utilizing a system based upon classification according to alloy type.
a) Paragraphs and tables which carry the label "classification according to nominal composition" or "ISO 3581-A" are applicable only to products classified to that system.
b) Paragraphs and tables which carry the label "classification according to alloy type" or "ISO 3581-B" are applicable only to products classified to that system.
c) Paragraphs and tables which carry neither label are applicable to products classified according to either or both systems.

SIST EN ISO 9692-3:2016 SIST EN ISO 9692-3:2002
SIST EN ISO 9692-3:2002/A1:2004
2016-10 (po) (en;fr;de) 18 str. (E)
Varjenje in sorodni postopki - Priporočila za pripravo zvarnih robov - 3. del: Varjenje aluminija in aluminijevih zlitin po postopkih MIG in MAG (ISO 9692-3:2016)
Welding and allied processes - Recommendations for joint preparation - Part 3: Metal inert gas welding and tungsten inert gas welding of aluminium and its alloys (ISO 9692-3:2016)
Osnova: EN ISO 9692-3:2016
ICS: 77.120.10, 25.160.10

This part of ISO 9692 specifies recommended types of joint preparation for metal inert gas welding, MIG (131), and tungsten inert gas welding, TIG (141), and autogenous TIG welding (142) on aluminium and its alloys. It applies to fully penetrated welds.

SIST/TC IŽNP Železniške naprave

SIST EN 15220:2016 SIST EN 15220-1:2009+A1:2011
2016-10 (po) (en;fr;de) 29 str. (G)
Železniške naprave - Kazalniki zavor
Railway applications - Brake indicators
Osnova: EN 15220:2016
ICS: 45.040

This European Standard specifies the requirements for the design, dimensions, performance and testing of single/double brake indicators. It applies to pneumatically and electrically operating brake indicators visible from the outside of the vehicle.
NOTE 1 Brake indicators are for giving precise and accurate information about release and application of the brake.
This European Standard applies to brake indicators on railway vehicles used on the main national networks, urban networks, underground railways, trams and private networks (regional railways, company railways etc.).
NOTE 2 This document does not apply to brake indicator for magnetic track brake or eddy current brake.

SIST EN 16730:2016
2016-10 (po) (en;fr;de) 76 str. (L)
Železniške naprave - Zgornji ustroj proge - Betonski pragi in nosilci s podpragovnimi podlogami
Railway applications - Track - Concrete sleepers and bearers with under sleeper pads
Osnova: EN 16730:2016
ICS: 45.080, 91.100.30
This European Standard is applicable to concrete sleepers or bearers with under sleeper pads physically bonded to concrete used in ballast track and defines the test procedures and their acceptance criteria.

This standard provides particular information in the following areas:
- test methods, test arrangements and acceptance criteria of under sleeper pads;
- test methods, test arrangements and acceptance criteria of concrete sleepers and bearers with under sleeper pads;
- data supplied by the purchaser and by the supplier;
- definition of general process of homologation;
- definition of routine tests.

This standard defines the specific test procedures for under sleeper pads with or without concrete sleepers and bearers:
- fatigue tests;
- capability for stacked stocking of sleepers with USP;
- pull-out test;
- severe environmental condition test.

SIST/TC KŽP Kmetijski pridelki in živilski proizvodi

SIST EN ISO 11702:2016 SIST EN ISO 11702:2010

2016-10 (po) (en) 15 str. (D)

Rastlinske in živalske maščobe in olja - Encimsko določevanje celotnih sterolov (ISO 11702:2016)

Animal and vegetable fats and oils - Enzymatic determination of total sterols content (ISO 11702:2016)

Osnova: EN ISO 11702:2016

ICS: 67.200.10

This International Standard specifies a method for the quantitative determination of the total sterols content by means of an enzymatic staining test. The method is applicable to free and esterified sterols in animal and vegetable fats and oils, fatty foods and related products. The determination is applicable to sample quantities of 1 g to 2 g of fat.
The method is not applicable to dark coloured fats and oils. The enzyme is not specific for cholesterol, but also oxidizes other 3-hydroxysterols. The method has not been tested for products fortified with sterols at higher levels.
Milk and milk products (or fat coming from milk and milk products) are excluded from the scope of this International Standard.
NOTE The method is technically equivalent to IUPAC method 2.404[8] and DGF standard method F-III 2 (91).

SIST EN ISO 16140-1:2016 SIST EN ISO 16140:2003
SIST EN ISO 16140:2003/A1:2012

2016-10 (po) (en) 20 str. (E)

Mikrobiologija v prehranski verigi - Validacija metode - 1. del: Slovar (ISO 16140-1:2016)

Microbiology of the food chain - Method validation - Part 1: Vocabulary (ISO 16140-1:2016)

Osnova: EN ISO 16140-1:2016

ICS: 01.040.07, 07.100.30

This part of ISO 16140 defines general terms and definitions relating to method validation of microbiology in the food chain.
This part of ISO 16140 is applicable to the validation of methods for the analysis (detection or quantification) of microorganisms in
— products intended for human consumption,
— products intended for animal feeding,
— environmental samples in the area of food and feed production, handling, and
— samples from the primary production stage.

SIST EN ISO 16140-2:2016 SIST EN ISO 16140:2003
SIST EN ISO 16140:2003/A1:2012

2016-10 (po) (en) 74 str. (L)

Mikrobiologija v prehranski verigi - Validacija metode - 2. del: Protokol za validacijo alternativnih (lastniških) metod glede na referenčno metodo (ISO 16140-2:2016)

Microbiology of the food chain - Method validation - Part 2: Protocol for the validation of alternative (proprietary) methods against a reference method (ISO 16140-2:2016)

Osnova: EN ISO 16140-2:2016

ICS: 07.100.30

This part of ISO 16140 specifies the general principle and the technical protocol for the validation of alternative, mostly proprietary, methods for microbiology in the food chain. Validation studies according to this part of ISO 16140 are intended to be performed by organizations involved in method validation.
This part of ISO 16140 is applicable to the validation of methods for the analysis (detection or quantification) of microorganisms in
— products intended for human consumption,

— products intended for animal feeding,
— environmental samples in the area of food and feed production, handling, and
— samples from the primary production stage.
This part of ISO 16140 is in particular applicable to bacteria and fungi. Some clauses of this part of ISO 16140 could be applicable to other (micro) organisms or their metabolites on a case-by-case-basis.
In the future, guidance for other organisms (e.g. viruses and parasites) will be included in either this part or a separate part of ISO 16140.

SIST EN ISO 17468:2016
2016-10 (po) (en) 13 str. (D)
Mikrobiologija v prehranski verigi - Tehnične zahteve in navodila za vzpostavitev ali revizijo standardnih referenčnih metod (ISO 17468:2016)
Microbiology of the food chain - Technical requirements and guidance on establishment or revision of a standardized reference method (ISO 17468:2016)
Osnova: EN ISO 17468:2016
ICS: 07.100.30

This standard is to provide guidance in the validation of reference methods in the field of microbiological analysis of food, animal feeding stuff, veterinary samples and environment of food production for: - the validation of new reference methods - the validation of the revisions of reference methods currently in use. This standard details the pre-standardization stage (the early stage) of the establishment of a new standard reference method or of the revision of an existing reference method (Annex A and B). This document is primarily intended for the standardisation of reference methods under the responsibility of CEN/TC 275.

SIST/TC LLZ Les, lesni izdelki in zaščita lesa

SIST EN ISO 12460-4:2016
2016-10 (po) (en) 16 str. (D)
Lesne plošče - Ugotavljanje sproščanja formaldehida - 4. del: Metoda z eksikatorjem (ISO 12460-4:2016)
Wood-based panels - Determination of formaldehyde release - Part 4: Desiccator method (ISO 12460-4:2016)
Osnova: EN ISO 12460-4:2016
ICS: 79.060.01

This part of ISO 12460 specifies a desiccator method for the determination of the quantity of formaldehyde emitted from particleboard, fibreboard, plywood, oriented strand board (OSB), and wooden laminated flooring.

SIST/TC MOC Mobilne komunikacije

SIST EN 300 698 V2.1.1:2016
2016-10 (po) (en) 52 str. (J)
Radiotelefonski oddajniki in sprejemniki za pomorske mobilne storitve, ki delujejo v pasovih VHF in se uporabljajo na celinskih vodnih poteh - Harmonizirani standard, ki zajema bistvene zahteve členov 3.2 in 3.3(g) direktive 2014/53/EU
Radio telephone transmitters and receivers for the maritime mobile service operating in the VHF bands used on inland waterways - Harmonised Standard covering the essential requirements of articles 3.2 and 3.3(g) of the Directive 2014/53/EU
Osnova: ETSI EN 300 698 V2.1.1 (2016-08)
ICS: 47.020.70, 33.060.20

The present document lays down the minimum requirements for VHF radio transmitters and receivers operating on board ships in frequency bands allocated to the maritime mobile service, used on inland waterways as defined by Regional Agreements or responsible Administrations.
The present document applies to VHF transmitters and receivers fitted with a 50 Ω external antenna socket or connector for use on board ships on inland waterways and operating in the bands between 156 MHz and 174 MHz allocated to the maritime mobile service by the ITU Radio Regulations [1], Appendix 18.
For countries where the Automatic Transmitter Identification System (ATIS) is mandatory, the requirements of annex B apply as well.
The present document also specifies technical characteristics, methods of measurement and required test results.
The present document contains requirements to demonstrate that "... Radio equipment shall be so constructed that it both effectively uses and supports the efficient use of radio spectrum in order to avoid harmful interference" [i.3] and that "....radio equipment supports certain features ensuring access to emergency services" [i.3].

SIST EN 301 502 V12.5.1:2016
2016-10 (po) (en) 88 str. (M)
Globalni sistem mobilnih komunikacij (GSM) - Oprema bazne postaje - Harmonizirani standard, ki zajema bistvene zahteve člena 3.2 direktive 2014/53/EU
Global System for Mobile communications (GSM) - Base Station (BS) equipment - Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU
Osnova: ETSI EN 301 502 V12.5.1 (2016-07)
ICS: 33.070.50

The present document contains requirements to demonstrate that that radio equipment both effectively uses and supports the efficient use of radio spectrum in order to avoid harmful interference.
In regards to interference to systems operating in adjacent bands guidance for single carrier BTS and multicarrier BTS is provided in ECC Report 146 [i.3].

SIST EN 301 908-1 V11.1.1:2016
2016-10 (po) (en) 25 str. (F)
Celična omrežja IMT - Harmonizirani standard, ki zajema bistvene zahteve člena 3.2 direktive 2014/53/EU - 1. del: Uvod in splošne zahteve
IMT cellular networks - Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU - Part 1: Introduction and common requirements
Osnova: ETSI EN 301 908-1 V11.1.1 (2016-07)
ICS: 33.060.99, 33.100.01

The present document applies to user equipment, repeaters and base stations for IMT, falling within the scope of one of the other parts of ETSI EN 301 908 [i.8], except for IMT-2000 FDMA/TDMA (DECT). The present document also covers the corresponding ancillary equipment.
NOTE 1: ETSI EN 301 908-10 [i.7] contains in particular requirements for radiated spurious emissions and control and monitoring functions applicable to IMT-2000 FDMA/TDMA (DECT) equipment.
The present document includes technical requirements which are common to equipment falling within the scope of several of the other parts.
NOTE 2: The other parts of ETSI EN 301 908 [i.8], which are listed in the foreword of the present document, specify technical requirements in respect of a particular type of IMT equipment.
NOTE 3: Recommendations ITU-R M.1457-12 [i.4] and M.2012-1 [i.5] define the characteristics of the members of the IMT-2000 family and IMT-Advanced respectively by means of references to technical specifications developed by Standards Development organizations. The present document applies to equipment designed to meet any version of the terrestrial specifications referenced in Recommendations ITU-R M.1457-12 [i.4] and M.2012-1 [i.5].

The present document contains requirements to demonstrate that radio equipment both effectively uses and supports the efficient use of radio spectrum in order to avoid harmful interference.

SIST EN 301 908-13 V11.1.1:2016
2016-10 (po) (en) 82 str. (M)
Celična omrežja IMT - Harmonizirani standard, ki zajema bistvene zahteve člena 3.2 direktive za radijsko opremo 2014/53/EU - 13. del: Uporabniška oprema za razviti prizemni radijski dostop za UMTS (E-UTRA)
IMT cellular networks - Harmonised Standard covering the essential requirements of article 3.2 of the Radio Equipment Directive 2014/53/EU - Part 13: Evolved Universal Terrestrial Radio Access (E-UTRA) User Equipment (UE)
Osnova: ETSI EN 301 908-13 V11.1.1 (2016-07)
ICS: 33.070.99, 33.060.99

The present document covers requirements for E-UTRA FDD and E-UTRA TDD User Equipment from 3GPP™ Releases 8, 9, 10 and 11 defined in ETSI TS 136 101 [3]. This includes the requirements for E-UTRA UE operating bands and E-UTRA CA operating bands from 3GPP™ Release 12 defined in ETSI TS 136 101 [i.13].
NOTE: For Band 20:
•• For user equipment designed to be mobile or nomadic, the requirements in the present document measured at the antenna port also show conformity to the corresponding requirement defined as TRP (total radiated power), as described in Commission Decision 2010/267/EU [i.6], ECC Decision (09)03 [i.7] and CEPT Report 30 [i.8].
•• For user equipment designed to be fixed or installed, the present document does not address the
requirements described in Commission Decision 2010/267/EU [i.6], ECC Decision (09)03 [i.7] and CEPT Report 30 [i.8].
The present document contains requirements to demonstrate that radio equipment both effectively uses and supports the efficient use of radio spectrum in order to avoid harmful interference.

SIST EN 301 908-2 V11.1.1:2016
2016-10 (po) (en) 56 str. (J)
Celična omrežja IMT - Harmonizirani standard, ki zajema bistvene zahteve člena 3.2 direktive za radijsko opremo 2014/53/EU - 2. del: CDMA z neposrednim razprševanjem ("Direct Spread") (UTRA FDD) (UE)
IMT cellular networks - Harmonised Standard covering the essential requirements of article 3.2 of the Radio Equipment Directive 2014/53/EU - Part 2: CDMA Direct Spread (UTRA FDD) User Equipment (UE)
Osnova: ETSI EN 301 908-2 V11.1.1 (2016-07)
ICS: 33.070.99, 33.060.99

The present document covers requirements for UTRA FDD User Equipment from 3GPP™ Releases 99, 4, 5, 6, 7, 8, 9, 10 and 11 defined in ETSI TS 125 101 [4]. This include the requirements for UE operating bands from 3GPP™
Release 12 defined in ETSI TS 125 101 [4]. In addition, the present document covers requirements for UTRA FDD User Equipment in the operating bands specified in ETSI TS 102 735 [i.4].
NOTE: For Band XX:
- for user equipment designed to be mobile or nomadic, the requirements in the present document measured at the antenna port also show conformity to the corresponding requirement defined as TRP (Total Radiated Power), as described in Commission Decision 2010/267/EU [i.6], ECC Decision (09)03 [i.7] and CEPT Report 30 [i.8];
- for user equipment designed to be fixed or installed, the present document does not address the requirements described in Commission Decision 2010/267/EU [i.6], ECC Decision (09)03 [i.7] and CEPT Report 30 [i.8].

The present document contains requirements to demonstrate that radio equipment both effectively uses and supports the efficient use of radio spectrum in order to avoid harmful interference.

SIST EN 301 908-22 V6.1.1:2016
2016-10 (po) (en) 38 str. (H)
Celična omrežja IMT - Harmonizirani standard, ki zajema bistvene zahteve člena 3.2 direktive 2014/53/EU - 22. del: Bazne postaje FDD OFDMA TDD WMAN (mobilni WiMAXTM)
IMT cellular networks - Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU - Part 22: OFDMA TDD WMAN (Mobile WiMAXTM) FDD Base Stations (BS)
Osnova: ETSI EN 301 908-22 V6.1.1 (2016-07)
ICS: 33.070.99, 33.060.99

The present document contains requirements to demonstrate that Radio equipment both effectively uses and supports the efficient use of radio spectrum in order to avoid harmful interference.
In addition to the present document, other ENs that specify technical requirements in respect of essential requirements under other parts of article 3 of the Radio Equipment Directive 2014/53/EU [i.2] may apply to equipment within the scope of the present document.

SIST EN 301 908-3 V11.1.2:2016
2016-10 (po) (en) 64 str. (K)
Celična omrežja IMT - Harmonizirani standard, ki zajema bistvene zahteve člena 3.2 direktive 2014/53/EU - 3. del: Bazne postaje s CDMA z neposrednim razprševanjem ("Direct Spread") (UTRA FDD)
IMT cellular networks - Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU - Part 3: CDMA Direct Spread (UTRA FDD) Base Stations (BS)
Osnova: ETSI EN 301 908-3 V11.1.2 (2016-07)
ICS: 33.070.99, 33.060.99

The present document covers requirements for UTRA FDD Base Stations for 3GPP Releases 99, 4, 5, 6, 7, 8, 9, 10 and 11. This includes the requirements for BS operating bands from 3GPP Release 12. In addition, the present document
covers requirements for UTRA FDD Base Stations in the operating bands specified in ETSI TS 102 735 [i.4].
The present document contains requirements to demonstrate that Radio equipment both effectively uses and supports the efficient use of radio spectrum in order to avoid harmful interference.

SIST EN 302 480 V2.1.1:2016
2016-10 (po) (en) 50 str. (I)
Sistemi mobilnih komunikacij v letalih (MCOBA) - Harmonizirani standard, ki zajema bistvene zahteve člena 3.2 direktive za radijsko opremo 2014/53/EU
Mobile Communication On Board Aircraft (MCOBA) systems - Harmonised Standard covering the essential requirements of article 3.2 of the Radio Equipment Directive 2014/53/EU
Osnova: ETSI EN 302 480 V2.1.1 (2016-07)
ICS: 33.070.99, 33.060.99

It applies to equipment for continuous and discontinuous transmission of data and digital speech.
The present document applies only to radio equipment using a dedicated transmitting antenna that is designed as an indispensable part of the system for usage on board an aircraft.
The system covered by the present document operates in accordance with the operational requirements as outlined in the Commission Decision 2013/654/EU [i.3].

The present document contain requirements to demonstrate that Radio equipment both effectively uses and supports the efficient use of radio spectrum in order to avoid harmful interference.
In addition to the present document, other ENs that specifie technical requirements in respect of essential requirements under other parts of Article 3 of the Radio Equipment Directive may apply to equipment within the scope of the present document.
NOTE: A list of such ENs is included on the web site http://www.newapproach.org.
The present document does not cover equipment compliance with relevant civil aviation regulations. In this respect, a MCOBA system, for its installation and operation on board an aircraft is subject to additional national or international civil aviation airworthiness certification requirements, for example to EUROCAE ED-14E [i.6].

SIST EN 303 084 V2.1.1:2016
2016-10 (po) (en) 39 str. (H)
Talni sistem za povečanje razpršenega oddajanja podatkov VHF zemlja-zrak - Tehnične karakteristike in merilne metode za talno opremo - Harmonizirani standard, ki zajema bistvene zahteve člena 3.2 direktive 2014/53/EU
Ground Based Augmentation System (GBAS) VHF ground-air Data Broadcast (VDB) - Technical characteristics and methods of measurement for ground-based equipment - Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU
Osnova: ETSI EN 303 084 V2.1.1 (2016-08)
ICS: 33.060.01, 49.090

The present document applies to VDB ground-air digital broadcast using Differential Eight Phase Shift Keying (D8PSK) of Ground-Based Augmentation System GBAS, intended for channel increments of 25 kHz. The VDB system provides data broadcast from ground based to aircraft systems, operating in the VHF band (108,000 MHz to 117,975 MHz). The scope of the present document is limited to ground based stations and is restricted to the civil use of GBAS with horizontally polarized signals (GBAS/H). The present document contains requirements to demonstrate that "... Radio equipment shall be so constructed that it both effectively uses and supports the efficient use of radio spectrum in order to avoid harmful interference" [i.1].
In addition to the present document, other ENs that specify technical requirements in respect of essential requirements under other parts of article 3 of the Radio Equipment Directive [i.1] as well as essential requirements under the SES Interoperability Regulation 552/2004 [i.2] and related implementing rules and/or essential requirements under the EASA basic Regulation (EC) No 216/2008 [i.5] and Regulation (EC) No 1108/2009 [i.6] may apply to equipment within the scope of the present document.

SIST EN 303 146-3 V1.2.1:2016
2016-10 (po) (en) 33 str. (H)
Radijski sistemi z možnostjo preoblikovanja (RRS) - Informacijski modeli in protokoli za mobilne naprave (MD) - 3. del: Enotni radijski aplikacijski vmesnik (URAI)
Reconfigurable Radio Systems (RRS) - Mobile Device (MD) information models and protocols - Part 3: Unified Radio Application Interface (URAI)
Osnova: ETSI EN 303 146-3 V1.2.1 (2016-08)
ICS: 35.200, 33.060.01

The scope of the present document is to define an information model and protocol for unified radio application interface for mobile device reconfiguration. The work is based on the Use Cases defined in ETSI TR 102 944 [i.1], on the system requirements defined in ETSI EN 302 969 [1] and on the radio reconfiguration related architecture for mobile devices defined in ETSI EN 303 095 [i.2] and on the mobile device information models and protocols related Multiradio Interface defined ETSI EN 303 146-1 [i.3].

SIST EN 303 339 V1.1.1:2016
2016-10 (po) (en) 37 str. (H)
Širokopasovne neposredne komunikacije zrak-tla - Oprema, ki deluje v frekvenčnih pasovih od 1 900 MHz do 1 920 MHz in od 5 855 MHz do 5 875 MHz - Antene s fiksno karakteristiko - Harmonizirani standard, ki zajema bistvene zahteve člena 3.2 direktive 2014/53/EU
Broadband Direct Air-to-Ground Communications - Equipment operating in the 1 900 MHz to 1 920 MHz and 5 855 MHz to 5 875 MHz frequency bands - Fixed pattern antennas - Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU
Osnova: ETSI EN 303 339 V1.1.1 (2016-06)
ICS: 33.060.99, 33.070.99

The present document applies to the Ground Station, Aircraft Station and antenna equipment for DA2GC (TDD).The present document contains requirements to demonstrate that radio equipment both effectively uses and supports the efficient use of radio spectrum in order to avoid harmful interference.

SIST EN 50290-2-35:2016
2016-10 (po) (en) 6 str. (B)
Komunikacijski kabli - 2-35. del: Skupna pravila za snovanje in konstruiranje - Poliamidna zmes za oplaščenje
Communication cables - Part 2-35: Common design rules and construction - Polyamide sheathing compound
Osnova: EN 50290-2-35:2016
ICS: 33.120.10, 29.035.20

This Part 2-35 of EN 50290 gives specific requirements for Polyamide and Polyamide alloys to be used for the inner and outer sheathing of cables.
It is essential to read this European Standard in conjunction with Part 2-20 of EN 50290, the product
standards EN 50288-7 and EN 61158 and other applicable product standards.
Using raw material and type test data as outlined in this standard, the raw material supplier will have sufficient data to demonstrate compliance and warrant that the material is suitable for the specified application.

SIST EN 50290-2-36:2016
2016-10 (po) (en) 6 str. (B)
Komunikacijski kabli - 2-36. del: Skupna pravila za snovanje in konstruiranje - Izolacijska zmes iz zamrežene silikonske gume
Communication cables - Part 2-36: Common design rules and construction - Crosslinked Silicone rubber insulation compound
Osnova: EN 50290-2-36:2016
ICS: 33.120.10, 29.035.20

This Part 2-36 of EN 50290 gives specific requirements for crosslinked Silicone rubber compound (SiR) to be used for the insulation of fire resistant cables.
It is essential to read this European Standard in conjunction with Part 2-20 of EN 50290 and other applicable product standards.
Using raw material and type test data as outlined in this standard, the raw material supplier will have sufficient data to demonstrate compliance and warrant that the material is suitable for the specified application.

SIST EN 50582:2016
2016-10 (po) (en) 10 str. (C)
Metoda preskušanja odpornosti nezaščitenih optičnih kablov, ki se uporabljajo v zasilnih tokokrogih (s premerom, manjšim ali enakim 20 mm), proti ognju
Method of test for resistance to fire of unprotected optical fibre cables for use in emergency circuits (diameter less than or equal to 20 mm)
Osnova: EN 50582:2016
ICS: 33.180.10, 13.220.40

This European standard specifies the details for the point of failure, continuity checking arrangement, test sample, test procedure and test report relevant to optical fibre cables tested as described either in EN 50200 or in EN 50577.
The test determines the survival time for circuit integrity of the optical fibre cables when exposed to fire under the conditions either given in EN 50200 or given in EN 50577.
EN 50200 is limited to cables with an overall diameter not exceeding 20 mm.
This standard includes (Annex A) the field of direct application and rules for extended application of test results (EXAP). Details regarding P classification using data from the EN 50577 test and PH classification using data from the EN 50200 test are given in EN 13501-3. Information regarding classification is given in Annex B.

SIST EN 60708:2008/AC:2016
2016-10 (po) (en,fr) 3 str. (AC)
Nizkofrekvenčni kabli s poliolefinsko izolacijo in poliolefinskim plaščem za zaščito pred vlago (IEC 60708:2005/COR1:2016) - Popravek AC
Low-frequency cables with polyolefin insulation and moisture barrier polyolefin sheath (IEC 60708:2005/COR1:2016)
Osnova: EN 60708:2005/AC:2016-08
ICS: 29.060.20

Popravek k standardu SIST EN 60708:2008.
This standard is intended to define polyolefin-insulated cables for insertion into local outdoor networks. This standard is applicable to polyolefin insulated and moisture barrier polyolefin sheathed telephone cables, filled or unfilled with copper conductors, and used as: a) Cables suitable for installation in ducts. b) Cables suitable for direct burial in the ground. c) Cables with integral suspension strand for aerial installations. This standard is in accordance with ITU-T Recommendations. This standard includes general design details and requirements for dimensions and other constructional details as well as mechanical, electrical and environmental characteristics for all types of low-frequency cables with polyolefin insulation (solid or cellular), filled or unfilled, and moisture barrier polyolefin sheath (with integral suspension strand).

SIST EN 60966-2-4:2016 SIST EN 60966-2-4:2009
2016-10 (po) (en) 11 str. (C)
Kabelski sestavi - 2-4. del: Podrobna specifikacija za kabelske sestave za radijske in TV sprejemnike - Konektorji IEC 61169-2 za frekvenčno območje od 0 do 3 000 MHz (IEC 60966-2-4:2016)
Cable assemblies - Part 2-4: Detail specification for cable assemblies for radio and TV receivers - Frequency range 0 MHz to 3 000 MHz, IEC 61169-2 connectors (IEC 60966-2-4:2016)
Osnova: EN 60966-2-4:2016
ICS: 33.120.10

EN-IEC 60966-2-4 is a detail specification which applies to flexible coaxial cables described in the IEC 61196 series. It relates to cable assemblies for radio and TV receivers, and in particular to the cable assemblies subfamily 9,52 (IEC 61169-2). These cable assemblies are used as described in IEC 60728-4. This part of IEC 60966 gives subfamily requirements and severities which shall be applied. Under qualification approval, the qualification will be conducted in accordance with 12.2 of IEC 60966-2-1:2008 taking into account the specified variants. Only the tests whose results might depend on the variants will be repeated. Under capability approval, the qualification will be

conducted on the related capability qualifying components (CQCs) as defined in 12.3 of IEC 60966-2-1:2008 and described in the capability manual (CM). Unless otherwise specified in the CM, only lot-by-lot tests from groups Ba and Eb will be conducted on delivered products, all other tests will be performed on CQCs as defined in 12.3 of IEC 60966-2-1:2008 and described in the CM.

SIST EN 61300-2-37:2016 SIST EN 61300-2-37:2007
2016-10 (po) (en) 13 str. (D)
Optični spojni elementi in pasivne komponente - Osnovni preskusni in merilni postopki - 2-37. del: Preskusi - Upogibanje kabla za ohišja optičnih kablov (IEC 61300-2-37:2016)
Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-37: Tests - Cable bending for fibre optic closures (IEC 61300-2-37:2016)
Osnova: EN 61300-2-37:2016
ICS: 33.180.20
This part of IEC 61300 describes a test for the effectiveness of the sealing and clamping hardware of a fibre optic closure when the cable entering or exiting the fibre optic closure is subjected to bending.

SIST EN 62343-1:2016
2016-10 (po) (en) 12 str. (C)
Dinamični moduli - 1. del: Tehnični standardi - Splošni pogoji (IEC 62343-1:2016)
Dynamic modules - Part 1: Performance standards - General conditions (IEC 62343-1:2016)
Osnova: EN 62343-1:2016
ICS: 33.180.01

This part of IEC 62343 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 62343-3-1:2016 SIST EN 62343-3-1:2010
2016-10 (po) (en) 13 str. (D)
Dinamični moduli - 3-1. del: Predloge za tehnične specifikacije - Dinamični kanalski stabilizatorji (IEC 62343-3-1:2016)
Dynamic modules - Part 3-1: Performance specification templates - Dynamic channel equalizers (IEC 62343-3-1:2016)
Osnova: EN 62343-3-1:2016
ICS: 33.180.20

IEC 62343-3-1:2010 provides a performance specification template for the dynamic channel equalizer (DCE). The object of this performance specification template is to provide a frame for the preparation of detail specifications on the performances of dynamic channel equalizers. Additional specification parameters may be included for detailed product specifications or performance specifications. However, specification parameters specified in this standard should not be removed from the detail product specifications or performance specifications.

SIST EN 62343-3-2:2016
2016-10 (po) (en) 15 str. (D)
Dinamični moduli - 3-2. del: Predloge za tehnične specifikacije - Optični kanal za monitor (IEC 62343-3-2:2016)
Dynamic modules - Part 3-2: Performance specification templates - Optical channel monitor (IEC 62343-3-2:2016)
Osnova: EN 62343-3-2:2016
ICS: 33.180.20

This part of IEC 62343 provides a performance specification template for optical channel monitors. The objective of this performance specification template is to provide a framework for the performance specification of the optical channel monitor. Additional specification parameters may be included for detailed product specifications or performance specifications. However, specification parameters specified in this document should not be removed from the detail product specifications or performance specifications. This document outlines the parameters that are used to specify the performance of the optical channel monitor.

SIST ES 201 468 V1.6.1:2016
2016-10 (po) (en) 36 str. (H)
Dodatne zahteve za elektromagnetno združljivost (EMC) in odpornost telekomunikacijske opreme za povečano razpoložljivost storitve v posebnih oblikah uporabe
Additional ElectroMagnetic Compatibility (EMC) requirements and resistibility requirements for telecommunications equipment for enhanced availability of service in specific applications
Osnova: ETSI ES 201 468 V1.6.1 (2016-07)
ICS: 33.100.01, 33.060.99

The present document covers the emission, immunity and resistibility requirements for telecommunications equipment where higher performance is required by operators to guarantee enhanced availability of service in specific applications.
The environments considered in the present document are defined in ETSI TR 101 651 [i.5] and are:
- telecommunication centres (classes 1 and 2 of ETSI TR 101 651 [i.5]);
- locations other than telecommunication centres (classes 3 and 4 of ETSI TR 101 651 [i.5]).
Data centres and similar facilities are also considered telecommunication centres, where they are within a dedicated room with servers, storage devices and associated telecommunication equipment.
Considering that all kinds of equipment are not equally important, two equipment categories and associated EMC requirements are introduced and are designated as:
- level 1 (see tables in clauses 9.1.1.1 to 9.1.1.5 and 9.2.1.1 to 9.2.1.5);
- level 2 (see tables in clauses 9.1.2.1 to 9.1.2.5 and 9.2.2.1 to 9.2.2.5);
the latter containing the more demanding requirements.
The appropriate level should be chosen by the operator considering the consequences of failure of the equipment which may lead to impaired function, loss of service, failure to meet contractual obligations or bad publicity and loss of reputation.
The present document is applicable to all equipment types, examples of which are listed below:
- switching equipment which includes trunk and local telephone exchanges, remote switching concentrators, international switches, telex switches and network packet switches;
- transmission equipment which includes multiplexers, line equipment and repeaters, Synchronous Digital Hierarchy (SDH), Digital Cross Connect (DXC), Asynchronous Transfer Mode (ATM) and network terminations;
- power supply equipment which includes central power plant, end of suite power supplies, power management systems and other dedicated telecommunications network power supplies;
- supervisory equipment and dedicated Operation And Maintenance (OAM) equipment;
- tariff and billing equipment;
- data centre equipment which includes: Storage, Processor, Server intended to be used within telecommunication network infrastructure.

SIST ES 202 184 V2.4.1:2016
2016-10 (po) (en) 292 str. (U)
Radiodifuzijski profil MHEG-5
MHEG-5 Broadcast Profile
Osnova: ETSI ES 202 184 V2.4.1 (2016-06)
ICS: 33.170

The present document describes a complete system that provides for enhanced interactive TV in the context of a television service that uses the standards set out in the published ETSI specifications for digital TV. Applications for the technology include programme guides, information services, games and enhanced TV services with synchronized interactions and multiple content streams. The Profile identifies the minimum functionality that the receiver will need to support.
The present document contains a number of clarifications related to streaming content and stream event handling and various other changes to increase interoperability of implementations of the specification.

SIST/TC NAD Naftni proizvodi, maziva in sorodni proizvodi

SIST EN 16734:2016
2016-10 (po) (en;fr;de) 15 str. (D)
Goriva za motorna vozila - Dizelsko gorivo za motorna vozila B10 - Zahteve in preskusne metode
Automotive fuels - Automotive B10 diesel fuel - Requirements and test methods
Osnova: EN 16734:2016
ICS: 75.160.20

This European Standard specifies requirements and test methods for marketed and delivered automotive diesel fuel. It is applicable to automotive diesel fuel for use in diesel engine vehicles designed to run on automotive diesel fuel containing up to 10 %(V/V) Fatty Acid Methyl Ester (FAME).

SIST EN ISO 2719:2016 SIST EN ISO 2719:2003
2016-10 (po) (en;fr;de) 30 str. (G)
Določevanje plamenišča - Metoda z zaprto posodo po Pensky-Martensu (ISO 2719:2016)
Determination of flash point - Pensky-Martens closed cup method (ISO 2719:2016)
Osnova: EN ISO 2719:2016
ICS: 75.080

This International Standard describes three procedures, A, B and C, using the Pensky-Martens closed cup tester, for determining the flash point of combustible liquids, liquids with suspended solids, liquids that tend to form a surface film under the test conditions, biodiesel and other liquids in the temperature range of 40 °C to 370 °C.
CAUTION — For certain mixtures no flash point, as defined, is observed; instead a significant enlargement of the test flame (not halo effect) and a change in colour of the test flame from blue to yellowish-orange can occur. Continued heating can result in significant burning of vapours outside the test cup, and can be a potential fire hazard.
NOTE 1 Although, technically, kerosene with a flash point above 40 °C can be tested using this International Standard, it is standard practice to test kerosene according to ISO 13736.[5] Similarly, lubricating oils are normally tested according to ISO 2592[2].
Procedure A is applicable to distillate fuels (diesel, biodiesel blends, heating oil and turbine fuels), new and in-use lubricating oils, paints and varnishes, and other homogeneous liquids not included in the scope of Procedures B or C.
Procedure B is applicable to residual fuel oils, cutback residua, used lubricating oils, mixtures of liquids with solids, liquids that tend to form a surface film under test conditions or are of such kinematic viscosity that they are not uniformly heated under the stirring and heating conditions of Procedure A.
Procedure C is applicable to fatty acid methyl esters (FAME) as specified in specifications such as EN 14214[11] or ASTM D6751[13].
This International Standard is not applicable to water-borne paints and varnishes.
NOTE 2 Water-borne paints and varnishes can be tested using ISO 3679[3]. Liquids containing traces of highly volatile materials can be tested using ISO 1523[1] or ISO 3679.

SIST/TC OCE Oprema za ceste

SIST EN 1794-3:2016
2016-10 (po) (en;fr;de) 13 str. (D)
Protihrupne ovire za cestni promet - Neakustične lastnosti - 3. del: Odziv na ogenj - Obnašanje pri gorenju in razvrstitev protihrupnih ovir
Road traffic noise reducing devices - Non-acoustic performance - Part 3: Reaction to fire - Burning behaviour of noise reducing devices and classification
Osnova: EN 1794-3:2016
ICS: 93.080.30, 13.220.40

This European Standard is to give authorities, designers and specifiers information with respect to reaction to fire, smoke density and toxic fumes of materials used in noise reducing devices.
The combination of brushwood fire test, smoke density test and test for toxic fumes give in general enough safety information. This European Standard allows also for more stringent requirements for those situations when a higher level of safety is needed.
For noise reducing devices, this European Standard gives a method how to handle substantial components of non-homogeneous products (as defined in EN 13501-1 and ISO 5659-2) and how to handle non-homogeneous products and in which cases the influence of non-substantial components on the total result of the classification may be neglected.
The following effects are of interest: ignitability, burning droplets, smoke growth rate, smoke density, toxic fumes.

SIST-TP CEN/TR 16949:2016 SIST-TP CEN/TR 1317-6:2012
2016-10 (po) (en;fr;de) 49 str. (I)
Oprema cest - Varnostne ograje za pešce - Ograje za pešce
Road restraint system - Pedestrian restraint system - Pedestrian parapets
Osnova: CEN/TR 16949:2016
ICS: 93.080.30, 13.200

This Technical Report specifies geometrical and technical requirements for the design and manufacture for pedestrian parapets on road bridges, on footbridges, on top of retaining walls and on similar elevated structures.
This Technical Report also specifies test methods and provision for the labelling and marking of these products.
This Technical Report does not cover:
- vehicle restraint systems;
- pedestrian restraint systems in residential, commercial or industrial buildings and within their perimeter;
- non-rigid rails i.e. rope, cables.
This Technical Report may be used for pedestrian parapets on structures which cross over railways, rivers and canals.

SIST/TC POZ Požarna varnost

SIST EN 16475-3:2016
2016-10 (po) (en;fr;de) 40 str. (H)
Dimovodne naprave - Oprema - 3. del: Regulatorji vleka, lopute z motornim pogonom in kombinirane lopute za sekundarni zrak - Zahteve in preskusne metode
Chimneys - Accessories - Part 3: Draught regulators, standstill opening devices and combined secondary air devices - Requirements and test methods
Osnova: EN 16475-3:2016
ICS: 91.060.40

This European standard specifies the requirements and test methods for draught regulators and standstill opening devices that are used as components, carrying flue gases, in order to limit the draught in chimneys and provide secondary air to the chimney.
Draught regulators and standstill opening devices for positive pressure chimneys are not covered by this standard.
It also specifies the requirements for marking, manufacturers' instruction, product information and evaluation of conformity.

SIST/TC PSE Procesni sistemi v energetiki

SIST EN 62325-451-2:2014/AC:2016
2016-10 (po) (en) 3 str. (AC)
Okvir za komunikacije na trgu z električno energijo - 451-2. del: Poslovni proces načrtovanja in kontekstualni modeli za evropski trg - Popravek AC
Framework for energy market communications - Part 451-2: Scheduling business process and contextual model for CIM European market
Osnova: EN 62325-451-2:2014/AC:2016-08
ICS: 29.240.30, 33.200

Popravek k standardu SIST EN 62325-451-2:2014.
Standard EN IEC 62325-451-2 določa paket UML za poslovni proces načrtovanja in povezani dokument kontekstualnih modelov, modelov sestavljanja in shem XML za uporabo na evropskih trgih za električno energijo. Ta mednarodni standard temelji na kontekstualnem modelu za evropski trg (IEC 62325-351). Poslovni proces načrtovanja, ki ga zajema ta mednarodni standard, je opisan v točki 5. Ustrezne združene osrednje komponente (ACC9, definirane v standardu IEC 62325-351, so bile kontekstualizirane v združene entitete poslovnih informacij (ABIE), da ustrezajo zahtevam za poslovni proces načrtovanja na evropskem trgu. Kontekstualizirani ABIE-ji so bili zbrani v dokument načrtovanja, kontekstualni model, kontekstualni model poročila o nepravilnostih in kontekstualni model poročila o potrditvi. Ustrezni modeli sestavljanja in shema XML za izmenjavo informacij o načrtovanju med udeleženci na trgu se samodejno ustvari iz zbranih dokumentov kontekstualnih modelov.

SIST/TC PVS Fotonapetostni sistemi

SIST EN 60904-3:2016 SIST EN 60904-3:2008
2016-10 (po) (en) 62 str. (K)
Fotonapetostne naprave - 3. del: Postopki merjenja prizemnih fotonapetostnih (PV) sončnih naprav s podatki referenčnega spektralnega sevanja
Photovoltaic devices - Part 3: Measurement principles for terrestrial photovoltaic (PV) solar devices with reference spectral irradiance data
Osnova: EN 60904-3:2016
ICS: 17.240, 27.160

This part of IEC 60904 applies to the following photovoltaic devices for terrestrial applications:
– solar cells with or without a protective cover;
– sub-assemblies of solar cells;
– modules; and
– systems.
NOTE The term "test specimen" is used to denote any of these devices.
The principles contained in this standard cover testing in both natural and simulated sunlight. Photovoltaic conversion is spectrally selective due to the nature of the semiconductor materials used in PV solar cells and modules. To compare the relative performance of different PV devices and materials a reference standard solar spectral distribution is necessary. This standard includes such a reference solar spectral irradiance distribution. This standard also describes basic measurement principles for determining the electrical output of PV devices. The principles given

in this standard are designed to relate the performance rating of PV devices to a common reference terrestrial solar spectral irradiance distribution.
The reference terrestrial solar spectral irradiance distribution is given in this standard in order to classify solar simulators according to the spectral performance requirements contained in IEC 60904-9.

SIST/TC SPN Storitve in protokoli v omrežjih

SIST ES 201 554 V1.2.1:2016
2016-10 (po) (en) 27 str. (G)
Okoljski inženiring (EE) - Metode merjenja energijske učinkovitosti jedrnega mobilnega omrežja in opreme za radiofrekvenčno kontrolo dostopa
Environmental Engineering (EE) - Measurement method for Energy efficiency of Mobile Core network and Radio Access Control equipment
Osnova: ETSI ES 201 554 V1.2.1 (2014-07)
ICS: 27.015, 33.070.01, 19.040

The present document defines metrics and measurement methods applicable for the following systems and nodes defined in TS 123 002 [i.3]: • Mobile core functions (GGSN, HLR, MGW, MME, MSC, SGSN and PGW/SGW). • Radio Access Controller (RNC).
Later revisions of the present document will include Base Station Controller (BSC) and IMS core functions (BGCF, CSCF, HSS, IBCF, MRFC, MRFP, SLF and LRF).

SIST ES 201 873-1 V4.8.1:2016
2016-10 (po) (en) 346 str. (V)
Metode za preskušanje in specificiranje (MTS) - 3. različica zapisa preskušanja in krmilnih 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 V4.8.1 (2016-07)
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, lay ers 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 201 873-4 V4.5.1:2016
2016-10 (po) (en) 174 str. (R)
Metode za preskušanje in specificiranje (MTS) - 3. različica zapisa preskušanja in krmilnih preskusov - 4. del: Operativna semantika TTCN-3
Methods for Testing and Specification (MTS) - The Testing and Test Control Notation version 3 - Part 4: TTCN-3 Operational Semantics
Osnova: ETSI ES 201 873-4 V4.5.1 (2016-07)
ICS: 33.040.01

The present document defines the operational semantics of TTCN-3. The present document is based on the TTCN-3 core language defined in ETSI ES 201 873-1 [1].

SIST ES 201 873-6 V4.8.1:2016
2016-10 (po) (en) 372 str. (Z)
Metode za preskušanje in specificiranje (MTS) - 3. različica zapisa preskušanja in krmilnih preskusov - 6. del: Krmilni vmesniki 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 V4.8.1 (2016-07)
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.

SIST ES 201 873-9 V4.7.1:2016
2016-10 (po) (en) 144 str. (P)
Metode za preskušanje in specificiranje (MTS) - 3. različica zapisa preskušanja in krmilnih preskusov - 9. del: Uporaba sheme XML v TTCN-3
Methods for Testing and Specification (MTS) - The Testing and Test Control Notation version 3 - Part 9: Using XML schema with TTCN-3
Osnova: ETSI ES 201 873-9 V4.7.1 (2016-07)
ICS: 33.040.01

The present document defines the mapping rules for W3C Schema (as defined in [7] to [9]) to TTCN-3 as defined in ETSI ES 201 873-1 [1] to enable testing of XML-based systems, interfaces and protocols.

SIST ES 202 781 V1.3.1:2016
2016-10 (po) (en) 92 str. (M)
Metode za preskušanje in specificiranje (MTS) - 3. različica zapisa preskušanja in krmilnih preskusov - Razširitev nabora jezikov 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 V1.3.1 (2014-06)
ICS: 35.060

The present document defines the Configuration and Deployment Supportpackage 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.
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 202 784 V1.4.1:2016
2016-10 (po) (en) 19 str. (E)
Metode za preskušanje in specificiranje (MTS) - 3. različica zapisa preskušanja in krmilnih preskusov - Razširitev nabora jezikov TTCN-3: napredni parametri
Methods for Testing and Specification (MTS) - The Testing and Test Control Notation version 3 - TTCN-3 Language Extensions: Advanced Parameterization
Osnova: ETSI ES 202 784 V1.4.1 (2014-06)
ICS: 35.060

The present document defines the Advanced Parameterization 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 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.
This package defines:
• Value parameters of types.
• Type parameterization.
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 202 786 V1.2.1:2016
2016-10 (po) (en) 48 str. (I)
Metode za preskušanje in specificiranje (MTS) - 3. različica zapisa preskušanja in krmilnih preskusov - Razširitev nabora jezikov TTCN-3: podpora vmesnikov z neprekinjenimi signali
Methods for Testing and Specification (MTS) - The Testing and Test Control Notation version 3 - TTCN-3 Language Extensions: Support of interfaces with continuous signals
Osnova: ETSI ES 202 786 V1.2.1 (2014-06)
ICS: 35.060

The present document defines the "Continuous Signal 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 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.
This package defines concepts for testing systems using continuous signals as opposed to discrete messages and the characterization of the progression of such signals by use of streams. For both the production as well as the evaluation of continuous signals the concept of mode is introduced.

Also, the signals can be processed as history-traces. Finally, basic mathematical functions that are useful for analyzing such traces are defined for TTCN-3. It is thus especially useful for testing systems which communicate with the physical world via sensors and actuators.
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 202 789 V1.3.1:2016
2016-10 (po) (en) 31 str. (G)
Metode za preskušanje in specificiranje (MTS) - 3. različica zapisa preskušanja in krmilnih preskusov - Razširitveni paket: Razširjeni TRI
Methods for Testing and Specification (MTS) - The Testing and Test Control Notation version 3 - TTCN-3 Language Extensions: Extended TRI
Osnova: ETSI ES 202 789 V1.3.1 (2014-06)
ICS: 33.040.01

The present document defines the Extended TRI 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 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 or in its interfaces TRI and TCI, but which are optional as part of a package which is suited for dedicated applications and/or usages of TTCN-3.
This package defines a more efficient handling of software values by a version of TRI, that does not use binary encoded messages for the communication with the SUT, but uses the values as they are; meaning e.g. that software objects or serialized data can be passed directly between the SUT and the TE. While the design of TTCN-3 package has taken into account the consistency of a combined usage of the core language with a number of packages, the concrete usages of and guidelines for this package in combination with other packages is outside the scope of the present document.

SIST-V ETSI/EG 202 237 V1.2.1:2016
2016-10 (po) (en) 41 str. (I)
Metode za preskušanje in specificiranje (MTS) - Preskušanje internetnega protokola - Splošni pristop k preskušanju medobratovalnosti
Methods for Testing and Specification (MTS) - Internet Protocol Testing (IPT) - Generic approach to interoperability testing
Osnova: ETSI EG 202 237 V1.2.1 (2010-08)
ICS: 33.040.01

This document gives general guidance on the specification and execution of interoperability tests for communication systems specifically in the context of product certification. It provides a framework within which interoperability test specifications for a wide range of product types can be developed. The guidelines are expressed as recommendations rather than strict rules and leave enough freedom to allow test specifiers to adopt and adapt processes to suit each particular project while still ensuring that test specifications accurately reflect the requirements of the base standards and can be executed consistently across a range of configurations.

SIST-V ETSI/EG 202 765-1 V1.1.1:2016
2016-10 (po) (en) 10 str. (C)
Kakovost prenosa govora in večpredstavnih vsebin (STQ) - Metode metrike in merjenja kakovosti storitev (QoS) in zmogljivosti omrežja - 1. del: Splošna navodila
Speech and multimediaTransmission Quality (STQ) - QoS and network performance metrics and measurement methods - Part 1: General considerations
Osnova: ETSI EG 202 765-1 V1.1.1 (2009-12)
ICS: 33.040.35
SIST-V ETSI/EG 202 765-1 V1.1.1:2016

SIST-V ETSI/EG 202 765-2 V1.1.3:2016
2016-10 (po) (en) 38 str. (H)
Kakovost prenosa govora in večpredstavnih vsebin (STQ) - Metode metrike in merjenja kakovosti storitev (QoS) in zmogljivosti omrežij - 2. del: Kazalnik prenosne kakovosti, vključno z metriko kakovosti govora
Speech and multimedia Transmission Quality (STQ) - QoS and network performance metrics and measurement methods - Part 2 : Transmission Quality Indicator combining Voice Quality Metrics
Osnova: ETSI ES 202 765-2 V1.1.3 (2010-05)
ICS: 33.040.35

SIST-V ETSI/EG 202 765-3 V1.1.1:2016
2016-10 (po) (en) 33 str. (H)
Kakovost prenosa govora in večpredstavnih vsebin (STQ) - Metode metrike in merjenja kakovosti storitev (QoS) in zmogljivosti omrežja - 3. del: Metode metrike in merjenja zmogljivosti omrežja in IP omrežij
Speech and multimediaTransmission Quality (STQ) - QoS and network performance metrics and measurement methods - Part 3: Network performance metrics and measurement methods in IP networks
Osnova: ETSI EG 202 765-3 V1.1.1 (2009-12)
ICS: 33.040.35

The present document provides an overview of the common metric definitions and measurement method specifications upon which the interoperability of network performance measurement (also called QoS measurement) is based. Two different standardisation bodies, the Internet Engineering Task Force (IETF) and the International Telecommunication Union - Telecommunication Standardization Sector (ITU - T), have addressed this issue. The present document addresses the following points:
• Survey the existing network performance related IETF standards and how these standards can be applied to end-to-end network performance measurements. The scope of this work is also to discuss the relationship of those standards to those of ITU-T and ETSI.
• Discuss and compare definitions of metrics used to specify and assess performance in IP networks. The metrics addressed in the present document are those defined by the IETF IPPM working group and ITU-T Study Group 12. Besides comparing the different definitions, the present document gives applicability guidelines on which metric is more appropriate for a particular application, configuration or scenario.
• Define measurement methods for selected performance metrics in IP networks, addressing both active and passive methods. Clarifying guidelines are given.
NOTE: All text sections in the remainder of the present document which are enclosed in quotation marks (") and *formatted in italic style* denote citations taken verbatim from referenced documents.

SIST-V ETSI/EG 202 765-4 V1.1.1:2016
2016-10 (po) (en) 43 str. (I)
Kakovost prenosa govora in večpredstavnih vsebin (STQ) - Metode metrike in merjenja kakovosti storitev (QoS) in zmogljivosti omrežij - 4. del: Indikatorji za nadzorovanje storitvene množice
Speech and multimedia Transmission Quality (STQ) - QoS and network performance metrics and measurement methods - Part 4: Indicators for supervision of Multiplay services
Osnova: ETSI ES 202 765-4 V1.1.1 (2010-10)
ICS: 33.040.35

SIST/TC SPO Šport

SIST EN 892:2012+A1:2016 SIST EN 892:2012
2016-10 (po) (en;fr;de) 27 str. (G)
Gorniška oprema - Dinamično obremenjene gorniške vrvi - Varnostne zahteve in preskusne metode
Mountaineering equipment - Dynamic mountaineering ropes - Safety requirements and test methods
Osnova: EN 892:2012+A1:2016
ICS: 97.220.40

This European Standard specifies safety requirements and test methods for dynamic ropes (single, half and twin ropes) in kernmantel construction for use in mountaineering including climbing.

SIST EN ISO 11243:2016 SIST EN 14872:2006
2016-10 (po) (en) 28 str. (G)
Kolesa - Prtljažniki za kolesa - Zahteve in preskusne metode (ISO 11243:2016)
Cycles - Luggage carriers for bicycles - Requirements and test methods (ISO 11243:2016)
Osnova: EN ISO 11243:2016
ICS: 43.150

This European Standard specifies safety and performance requirements for the design and testing of luggage carriers intended for permanent mounting above or adjacent to the wheels of cycles and lays down guide lines for instructions on the use and care of such luggage carriers. This European Standard does not apply to removable luggage (for example handlebar bags or baskets that are not permanently attached).

SIST/TC STV Steklo, svetloba in razsvetljava v gradbeništvu

SIST EN 14179-1:2016 SIST EN 14179-1:2005
2016-10 (po) (en;fr;de) 45 str. (I)
Steklo v gradbeništvu - HS-preskus kaljenega natrij-kalcijevega silikatnega varnostnega stekla - 1. del: Definicije in opis
Glass in building - Heat soaked thermally toughened soda lime silicate safety glass - Part 1: Definition and description
Osnova: EN 14179-1:2016
ICS: 81.040.20

This European Standard specifies the heat soak process system together with tolerances flatness, edgework, fragmentation and physical and mechanical characteristics of monolithic flat heat soaked thermally toughened soda lime silicate safety glass for use in buildings.
Information on curved heat soaked thermally toughened soda lime silicate safety glass is given in Annex B, but this product does not form part of this European Standard.
Other requirements, not specified in this European Standard, can apply to heat soaked thermally toughened soda lime silicate safety glass which is incorporated into assemblies, e.g. laminated

glass or insulating units, or undergo an additional treatment, e.g. coating. The additional requirements are specified in the appropriate product standard. Heat soaked thermally toughened soda lime silicate safety glass, in this case, does not lose its mechanical or thermal characteristics.
Surface finished glasses (e.g. sandblasted, acid etched) after toughening are not covered by this European Standard.

SIST/TC TGO Trajnostnost gradbenih objektov

SIST-TP CEN/TR 16970:2016
2016-10 (po) (en;fr;de) 28 str. (G)
Trajnostnost gradbenih objektov - Navodila za uporabo EN 15804
Sustainability of construction works - Guidance for the implementation of EN 15804
Osnova: CEN/TR 16970:2016
ICS: 13.020.20, 91.010.01

This Technical Report provides general guidance to the users of EN 15804 and those preparing complementary Product Category Rules (c-PCR's) by:
— stating general principles for the use of EN 15804 by CEN Technical Committees for construction
products (Product TC's) in order to ensure consistency among the complementary PCR produced by Product TC's;
— addressing the questions raised by Product TC's, manufacturers or their sub-contractors who provide LCA studies underlying an Environmental Product Declaration (EPD) and by EPD programme operators who include c-PCR of specific subcategories in their PCR registry.

SIST/TC TLP Tlačne posode

SIST EN 13616-1:2016 SIST EN 13616:2004
SIST EN 13616:2004/AC:2006
2016-10 (po) (en;fr;de) 35 str. (H)
Naprave za preprečitev prepolnitve za stabilne rezervoarje za tekoča goriva - Zahteve in metode za preskušanje in ocenjevanje - 1. del: Naprave za preprečitev prepolnitve z zaporno napravo
Overfill prevention devices for static tanks for liquid fuels - Requirements and test/assessment methods - Part 1: Overfill prevention devices with closure device
Osnova: EN 13616-1:2016
ICS: 75.200, 23.020.10

This European Standard gives requirements and the corresponding test/assessment methods applicable to overfill prevention devices with closure device. The devices are usually composed by
- sensor,
- evaluation device,
- shut-off and / or alarm device.

Overfill prevention devices intended to be used in/with underground or above ground, non-pressurised, static tanks designed for liquid fuels.

SIST EN 13616-2:2016 SIST EN 13616:2004
SIST EN 13616:2004/AC:2006
2016-10 (po) (en;fr;de) 37 str. (H)
Naprave za preprečitev prepolnitve za stabilne rezervoarje za tekoča goriva - Zahteve in metode za preskušanje in ocenjevanje - 2. del: Naprave za preprečitev prepolnitve brez zaporne naprave
Overfill prevention devices for static tanks for liquid fuels - Requirements and test/assessment methods - Part 2: Overfill prevention devices without closure device
Osnova: EN 13616-2:2016
ICS: 75.200, 23.020.10

This European Standard specifies requirements and the corresponding test/assessment methods applicable to overfill prevention devices without closure device.
The overfill prevention device is usually composed of
- sensor,
- electric-mechanical interface.
These overfill prevention devices intended to be used in/with underground or above ground, non-pressurised, metallic or non-metallic, static tanks designed for liquid fuels.
NOTE In further text, for liquid fuels the term liquid is used.

SIST EN 14595:2016 SIST EN 14595:2005
2016-10 (po) (en;fr;de) 13 str. (D)
Cisterne za prevoz nevarnega blaga - Oprema za obratovanje cistern - Tlačni in vakuumski oddušniki
Tanks for transport of dangerous goods - Service equipment for tanks - Pressure and vacuum breather device
Osnova: EN 14595:2016
ICS: 23.020.20, 13.300

This document covers the pressure and vacuum breather vent used to ensure normal tank compartment breathing.
It specifies the performance requirements and the critical dimensions of the pressure and vacuum breather vent. It also specifies the tests necessary to verify compliance of the equipment with this document.
The service equipment specified by this document is suitable for use with liquid petroleum products and other dangerous substances of Class 3 of ADR [1] which have a vapour pressure not exceeding 110 kPa at 50 °C and petrol, and which have no sub-classification as toxic or corrosive.

SIST EN 16657:2016 SIST EN 13616:2004
SIST EN 13616:2004/AC:2006
2016-10 (po) (en;fr;de) 15 str. (D)
Cisterne za prevoz nevarnega blaga - Oprema cistern za preprečitev prepolnitve za stabilne rezervoarje
Tanks for the transport of dangerous goods - Transport tank equipment for overfill prevention devices for static tanks
Osnova: EN 16657:2016
ICS: 23.020.20, 13.300

This European Standard specifies the minimum performance and construction requirements for overfill prevention controllers located on the tank vehicle.
This European Standard applies to overfill prevention controllers for liquid fuels, having a flash point up to but not exceeding 100 °C.
The requirements apply to overfill prevention controllers suitable for use at ambient temperatures in the range from 25 °C to +60 °C, and subject to normal operational pressure variations.

SIST-TS CEN/TS 764-8:2016
2016-10 (po) (en;fr;de) 12 str. (C)
Tlačna oprema in sklopi - 8. del: Preskušanje
Pressure equipment and assemblies - Part 8: Proof test
Osnova: CEN/TS 764-8:2016
ICS: 23.020.32

This document specifies the purpose, form and procedure of proof testing by pressure test of items of pressure equipment and assemblies. It also specifies how to determine the value of the test pressure.

SIST/TC UGA Ugotavljanje skladnosti

SIST-TS CEN/CLC ISO/IEC/TS 17021-2:2016
2016-10 (po) (en;fr;de) 17 str. (E)
Ugotavljanje skladnosti - Zahteve za organe, ki presojajo in certificirajo sisteme vodenja - 2. del: Zahteve za usposobljenost za presojanje in certificiranje sistemov ravnanja z okoljem (ISO/IEC/TS 17021-2:2012)
Conformity assessment - Requirements for bodies providing audit and certification of management systems - Part 2: Competence requirements for auditing and certification of environmental management systems (ISO/IEC/TS 17021-2:2012)
Osnova: CEN/CLC ISO/IEC/TS 17021-2:2016
ICS: 03.100.70, 13.020.10, 03.120.20

This Technical Specification specifies additional competence requirements for personnel involved in the audit and certification process for Environmental Management Systems (EMS) and complements the existing requirements of ISO/IEC 17021.

SIST-TS CEN/CLC ISO/IEC/TS 17021-3:2016 SIST-TS ISO/IEC TS 17021-3:2013
2016-10 (po) (en;fr;de) 14 str. (D)
Ugotavljanje skladnosti - Zahteve za organe, ki presojajo in certificirajo sisteme vodenja - 3. del: Zahteve za usposobljenost za presojanje in certificiranje sistemov vodenja kakovosti (ISO/IEC/TS 17021-3:2013)
Conformity assessment - Requirements for bodies providing audit and certification of management systems - Part 3: Competence requirements for auditing and certification of quality management systems (ISO/IEC/TS 17021-3:2013)
Osnova: CEN/CLC ISO/IEC/TS 17021-3:2016
ICS: 03.100.70, 03.120.20

This Technical Specification complements the existing requirements of ISO/IEC 17021. It includes specific competence requirements for personnel involved in the certification process for quality management systems (QMS).
NOTE This Technical Specification is applicable for auditing and certification of a QMS based on ISO 9001. It can also be used for other QMS applications.

SIST/TC VAZ Varovanje zdravja

SIST EN ISO 10139-2:2016 SIST EN ISO 10139-2:2009
2016-10 (po) (en) 20 str. (E)
Zobozdravstvo - Mehki materiali za prevleko snemnih zobnih protez - 2. del: Materiali za dolgoročno uporabo (ISO 10139-2:2016)
Dentistry - Soft lining materials for removable dentures - Part 2: Materials for long-term use (ISO 10139-2:2016)
Osnova: EN ISO 10139-2:2016
ICS: 11.060.10

This part of ISO 10139 specifies requirements for softness, adhesion, water sorption and water solubility, as well as for packaging, marking and manufacturer's instructions for soft denture lining
materials suitable for long-term use. These materials may also be used for maxillofacial prostheses.

SIST EN ISO 13078-2:2016
2016-10 (po) (en) 17 str. (E)
Zobozdravstvo - Dentalne peči - 2. del: Preskusna metoda za vrednotenje programa peči s stopnjo žiga (ISO 13078-2:2016)
Dentistry - Dental furnace - Part 2: Test method for evaluation of furnace programme via firing glaze (ISO 13078-2:2016)
Osnova: EN ISO 13078-2:2016
ICS: 11.060.25

This International Standard determines a degree of firing to be implemented by the user. It represents a test method for adapting the firing program of a dental furnace by determining the degree of firing of fired test specimens for a dental ceramic.
The test method is suitable for powdered dental ceramics according to ISO 6872, Type I.
The test method enables monitoring of the temperature control in the dental furnace by evaluating the firing degree of a dental ceramic. The test method is also suitable for evaluating the reproducibility of the firings in a dental furnace or forcomparing several dental furnaces.

SIST EN ISO 14880-1:2016 SIST EN ISO 14880-1:2005
SIST EN ISO 14880-1:2005/AC:2009
2016-10 (po) (en) 27 str. (G)
Optika in fotonska tehnologija - Vrste mikroleč - 1. del: Slovar in splošne lastnosti (ISO 14880-1:2016)
Optics and photonics - Microlens arrays - Part 1: Vocabulary and general properties (ISO 14880-1:2016)
Osnova: EN ISO 14880-1:2016
ICS: 31.260, 01.040.31

This part of ISO 14880 defines terms for microlens arrays. It applies to microlens arrays which consist of arrays of very small lenses formed inside or on one or more surfaces of a common substrate and systems. The aim of this part of ISO 14880 is to improve the compatibility and interchangeability of lens arrays from different suppliers and to enhance the development of technology using microlens arrays.

SIST EN ISO 17254:2016
2016-10 (po) (en) 14 str. (D)
Zobozdravstvo - Spiralne vzmeti za uporabo v ortodontiji (ISO 17254:2016)
Dentistry - Coiled springs for use in orthodontics (ISO 17254:2016)
Osnova: EN ISO 17254:2016
ICS: 11.060.10
This International Standard is applicable to springs for use in fixed orthodontic appliances.
This International Standard gives details of methods to compare the functional dimensions of orthodontic springs, the test methods by which they can be determined, as well as packaging and labelling information.

SIST EN ISO 80369-3:2016
2016-10 (po) (en) 51 str. (J)
Priključki z majhnim premerom za tekočine in pline za uporabo v zdravstvu - 3. del: Priključki za enteralno uporabo (ISO 80369-3:2016)
Small-bore connectors for liquids and gases in healthcare applications - Part 3: Connectors for enteral applications (ISO 80369-3:2016)
Osnova: EN ISO 80369-3:2016
ICS: 11.040.25

This part of ISO 80369 specifies the interface dimensions and requirements for connectors intended to be used on ENTERAL DEVICES, ENTERAL syringes and related ACCESSORIES. This

part of ISO 80369 does not specify requirements for CONNECTORS which are used for:
- Suction only applications
- Oral only applications
- Inflation of balloon retention devices
-Accessing ENTERAL feeding reservoirs
This part of ISO 80369 does not specify requirements for the MEDICAL DEVICES or ACCESSORIES that use these CONNECTORS. Such requirements are given in particular International Standards for specific MEDICAL DEVICES or ACCESSORIES.
NOTE MANUFACTURERS are encouraged to incorporate the SMALL-BORE CONNECTORS specified in this part of ISO 80369 into MEDICAL DEVICES, medical systems or ACCESSORIES, even if currently not required by the relevant particular MEDICAL DEVICE standards. It is expected that when the relevant particular MEDICAL DEVICE standards are revised, requirements for SMALL-BORE CONNECTORS, as specified in this part of ISO 80369, will be included.

SS EIT Strokovni svet SIST za področja elektrotehnike, informacijskw twhnologije in telekomunikacij

SIST EN 50632-2-11:2016
2016-10 (po) (en) 5 str. (B)
Elektromotorna orodja - Postopek merjenja prahu - 2-11. del: Posebne zahteve za vbodne in sabljaste žage
Electric motor-operated tools - Dust measurement procedure - Part 2-11: Particular requirements for jig and sabre saws
Osnova: EN 50632-2-11:2016
ICS: 25.100.40, 25.140.20

This European Standard applies to hand-held motor-operated electric tools and deals with the measurement procedure for jig and sabre saws for measurements of dust emission.

SIST EN 50632-2-14:2016
2016-10 (po) (en) 5 str. (B)
Elektromotorna orodja - Postopek merjenja prahu - 2-14. del: Posebne zahteve za poravnalne skobeljnike
Electric motor-operated tools - Dust measurement procedure - Part 2-14: Particular requirements for planers
Osnova: EN 50632-2-14:2016
ICS: 25.100.25, 25.140.20

This European Standard applies to hand-held motor-operated electric tools and deals with the measurement procedure for planers for measurements of dust emission.

SIST EN 50632-2-17:2016
2016-10 (po) (en) 6 str. (B)
Elektromotorna orodja - Postopek merjenja prahu - 2-17. del: Posebne zahteve za rezkalnike in obrezovalnike
Electric motor-operated tools - Dust measurement procedure - Part 2-17: Particular requirements for routers and trimmers
Osnova: EN 50632-2-17:2016
ICS: 25.100.01, 25.140.20

This European Standard applies to hand-held motor-operated electric tools and deals with the measurement procedure for routers and trimmers for measurements of dust emission.

SIST EN 50632-2-19:2016
2016-10 (po) (en) 5 str. (B)
Elektromotorna orodja - Postopek merjenja prahu - 2-19. del: Posebne zahteve za skobeljnike
Electric motor-operated tools - Dust measurement procedure - Part 2-19: Particular requirements for jointers
Osnova: EN 50632-2-19:2016
ICS: 25.100.25, 25.140.20

This European Standard applies to hand-held motor-operated electric tools and deals with the measurement procedure for jointers for measurements of dust emission.

SIST EN 50632-2-3:2016
2016-10 (po) (en) 10 str. (C)
Elektromotorna orodja - Postopek merjenja prahu - 2-3. del: Posebne zahteve za brusilnike betona in diskaste brusilnike
Electric motor-operated electric tools - Dust measurement procedure - Part 2-3: Particular requirements for concrete grinders and disk-type sanders
Osnova: EN 50632-2-3:2016
ICS: 25.080.50, 25.140.20

This European Standard specifies general requirements for the dust measurement of electric motor-operated tools supplied from mains or from batteries. This standard applies to those tools with and without dust extraction unit where dust such as mineral dust containing silica or wood dust is expected.
1.2 Types of dust
Dust is a disperse distribution of solid substances in gases, particularly air, resulting from mechanical processes. According to EN 481, two size categories are to be differentiated: the inhalable dust and the respirable dust fraction. Inhalable dust refers to the entire inhalable fraction of the dust through mouth and/or nose. Respirable dust relates to the fraction of the inhalable dust that can reach the pulmonary alveoli due to its small particle size.
This part of EN 50632 applies to concrete grinders and disc-type sanders.

SIST EN 50632-2-4:2016
2016-10 (po) (en) 9 str. (C)
Elektromotorna orodja - Postopek merjenja prahu - 2-4. del: Posebne zahteve za brusilnike, ki niso diskastega tipa
Electric motor-operated electric tools - Dust measurement procedure - Part 2-4: Particular requirements for sanders other than disk type
Osnova: EN 50632-2-4:2016
ICS: 25.080.50, 25.140.20

This European Standard specifies general requirements for the dust measurement of electric motor-operated tools supplied from mains or from batteries. This standard applies to those tools with and without dust extraction unit where dust such as mineral dust containing silica or wood dust is expected.

SIST EN 50632-2-5:2016
2016-10 (po) (en) 5 str. (B)
Elektromotorna orodja - Postopek merjenja prahu - 2-5. del: Posebne zahteve za krožne žage
Electric motor-operated tools - Dust measurement procedure - Part 2-5: Particular requirements for circular saws
Osnova: EN 50632-2-5:2016
ICS: 25.100.40, 25.140.20

This European Standard applies to hand-held motor-operated electric tools and deals with the measurement procedure for circular saws for measurements of dust emission.

SIST EN 50632-3-1:2016
2016-10 (po) (en) 5 str. (B)
Elektromotorna orodja - Postopek merjenja prahu - 3-1. del: Posebne zahteve za premične namizne žage
Electric motor-operated tools - Dust measurement procedure - Part 3-1: Particular requirements for transportable table saws
Osnova: **EN 50632-3-1:2016**
ICS: **25.100.40, 25.140.20**

This clause of Part 1 is applicable, except as follows:
Addition: This part of EN 50632 applies to transportable table saws intended to cut wood or wood-based materials.

SIST EN 62841-3-10:2016/AC:2016
2016-10 (po) (en) 3 str. (AC)
Elektromotorna ročna orodja, prenosna orodja ter stroji za trato in vrt - Varnost - 3-10. del: Posebne zahteve za premične rezalnike - Popravek AC
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-10: Particular requirements for transportable cut-off machines
Osnova: **EN 62841-3-10:2015/AC:2016-07**
ICS: **25.100.01, 25.140.20**

Popravek k standardu SIST EN 62841-3-10:2016.
Standard se uporablja za prenosne rezalnike za rezanje materialov, kot so kovine, beton in zidovje, na katere se namesti – ojačana abrazivna plošča tipa 41 ali – diamantna rezalna plošča z morebitnimi perifernimi luknjami, ki niso večje do 10 mm, – z nazivno hitrostjo brez obremenitve, ki ne presega periferne hitrosti plošče 100 m/s pri največjem premeru plošče in – razponom premera plošče od 250 mm do 410 mm. Ta standard se ne uporablja za: – prenosne zajeralne žage; – prenosne žage za ploščice; – prenosne žage za kovino.

SIST-TS CLC/TS 50612:2016 SIST-TS CLC/TS 50612:2014
2016-10 (po) (en) 28 str. (G)
Prenosni električni aparati za meritve parametrov zgorevalnih dimnih plinov - Vodilo za njihovo uporabo pri izročanju v obratovanje, servisiranju in vzdrževanju plinskih kotlov
Portable electrical apparatus for the measurement of combustion flue gas parameters - Guide to their use in the process of commissioning, servicing and maintaining gas fired appliances
Osnova: **CLC/TS 50612:2016**
ICS: **91.140.10, 13.040.40**

This Technical Specification provides guidance on the selection, use and maintenance of portable electrical apparatus conforming to EN 50379-1 [4] and EN 50379-2 [5] or EN 50379-3 [6] to:
a)measure combustion flue gas parameters of appliances in domestic premises burning 1st, 2nd or 3rd family gases of the following description:
1) Type A, Type B and Type C gas-fired appliances, except those appliances where the appliance instructions (or design, see 7.3.2.1), prohibit combustion sampling, and,
2) all gas-fired appliances for which the appliance manufacturer has provided a purpose-designed combustion sampling point or specific sampling instructions,
b) use as a diagnostic instrument to assist an operative:
1) in confirming satisfactory combustion at the time of commissioning, in accordance with appliance instructions or national or local regulations or standards;
2) in confirming satisfactory combustion at the time of servicing in accordance with national or local regulations or standards or following servicing in accordance with appliance instructions;

3) in confirming satisfactory combustion following maintenance, in accordance with appliance instructions or national or local regulations or standards.

NOTE 1 Type A, Type B and Type C classification of gas-fired appliances are defined in 3.1.2 and more fully in CEN/TR 1749 [2].

NOTE 2 Existing national or local regulations or standards conflicting with the guidance in this Technical Specification have precedence over this guidance.

NOTE 3 It is not the intention of this Technical Specification to suggest that portable electrical combustion flue gas analysers are to be used as a substitute for normal service and maintenance carried out in accordance with the gas appliance instructions. Clause 9 describes how analysers can be used in conjunction with the appliance instructions.

NOTE 4 EN 50379-)1 [4] specifies general requirements for the construction, testing and performance of portable spot reading apparatus designed to check the combustion performance of appliances in domestic premises using commercially available fuels.

NOTE 5 EN 50379-2 [5] is for apparatus intended to be used for statutory measurements. In several European countries, legal requirements exist for the performance of heating appliances (see EN 50379-1:2012, informative Annex A [4]). Legal consequences resulting from performance measurements makes for strict requirements for the apparatus used (see EN 50379-1:2012, normative Annexes B and C [4]).

NOTE 6 EN 50379-3 [6] is for apparatus intended to be used for non-statutory applications, which allows for reduced performance requirements for the portable electrical apparatus.

NOTE 7 This Technical Specification deals with the determination of levels of combustion gases carbon monoxide (CO), carbon dioxide (CO2) and/or oxygen (O2) in combustion products from gas-fired appliances. Combustion products from gas-fired appliances will contain nitrogen oxides (NOX), predominantly nitrogen monoxide (nitric oxide, NO) and nitrogen dioxide (NO2). This Technical Specification does not deal with the measurement of combustion products such as NOX and aldehydes.

SIST EN 50598-2:2015/A1:2016

2016-10 (po) (en) 4 str. (A)

Okoljsko primerna zasnova motornih pogonskih sistemov, motornih zaganjalnikov, močnostne elektronike in njihove aplikacije, ki jih ti poganjajo - 2. del: Kazalniki energijske učinkovitosti motorno gnanih sistemov in motornih zaganjalnikov - Dopolnilo A1

Ecodesign for power drive systems, motor starters, power electronics & their driven applications - Part 2: Energy efficiency indicators for power drive systems and motor starters

Osnova: EN 50598-2:2014/A1:2016

ICS: 31.020, 13.020.99, 29.160.30

Dopolnilo A1:2016 je dodatek k standardu SIST EN 50598-2:2015.

Ta del standarda EN 50598 navaja kazalnike energijske učinkovitosti motorno gnanih sistemov, motornih zaganjalnikov in močnostne elektronike (npr. celoviti pogonski moduli, CMD), ki se uporabljajo za motorni pogon v razponu moči od 0,12 kW do 1000 kW.

Ta del standarda EN 50598 navaja metodologijo za določanje izgub celovitih motornih sistemov, motorno gnanih sistemov (PDS) in CMD. Opredeljuje razrede IE in IES in njihove mejne vrednosti ter navaja preskusne postopke za klasifikacijo in skupne izgube motornih sistemov.

Poleg tega ta del standarda EN 50598 predlaga metodologijo za karakterizacijo najboljše rešitve za energijsko učinkovitost, ki bo vpeljana, odvisno od arhitekture motorno gnanega sistema, hitrostnega/nalagalnega profila in dolžnostnih profilov aplikacije.

Struktura standarda EN 50598 vsebuje naslednje:

- podane so izgube standardiziranega referenčnega PDS-ja (RPDS) in matematični model za njihov izračun;
- podane so zahteve za določanje izgub realnega PDS-ja in za njihovo klasifikacijo v primerjavi z RPDS-jem;
- zahteve za tipsko preskušanje in vsebino uporabniške dokumentacije;
- v Dodatkih so podani primeri izgub v celotnem sistemu;
- v Dodatkih so podane informacije o tipologijah sistemov in motorjev.

Specifični podatki o izgubah in razredih IE/IES so podani za nizkonapetostne (100 V do in vključno z 1000 V) enoosne motorno gnane sisteme na izmenični tok s trifaznimi indukcijskimi motorji. Motorji s prestavami bodo obravnavani kot standardni motorji.
Ta del EN 50598 ne določa metodologije za okoljsko primerno zasnovo za vpliv na okolje. Ta je opredeljena v 3. delu standarda EN 50598.

SIST EN 60195:2016
2016-10 (po) (en) 32 str. (G)
Metoda za merjenje tokovnega šuma, ki ga povzročajo stalni upori (IEC 60195:2016)
Method of measurement of current noise generated in fixed resistors (IEC 60195:2016)
Osnova: EN 60195:2016
ICS: 17.140.20, 31.040.10

This International Standard specifies a method of measurement and associated test conditions to assess the "noisiness", or magnitude of current noise, generated in fixed resistors of any given type. The method applies to all classes of fixed resistors. The aim is to provide comparable results for the determination of the suitability of resistors for use in electronic circuits having critical noise requirements.
The current noise in resistive materials reflects the granular structure of the resistive material. For some resistor technologies utilizing homogenous layers it is regarded as providing an indication of defects, which are considered as a root cause for abnormal ageing of the component under the influence of temperature and time.
The method described in this International Standard is not a general specification requirement and therefore is applied if prescribed by a relevant component specification, or, if agreed between a customer and a manufacturer.

SIST EN 60539-1:2016 SIST EN 60539-1:2008
2016-10 (po) (en) 61 str. (K)
Neposredno ogrevani termistorji z negativnim koeficientom - 1. del: Rodovna specifikacija (IEC 60539-1:2016)
Directly heated negative temperature coefficient thermistors - Part 1: Generic specification (IEC 60539-1:2016)
Osnova: EN 60539-1:2016
ICS: 31.040.30
This part of IEC 60539 is applicable to directly heated negative temperature coefficient thermistors, typically made from transition metal oxide materials with semiconducting properties. It establishes standard terms, inspection procedures and methods of test for use in sectional and detail specifications of electronic components for quality assessment or any other purpose.

SIST EN 61837-2:2011/A1:2016
2016-10 (po) (en) 6 str. (B)
Površinsko nameščeni piezoelektrični elementi za krmiljenje in izbiranje (filtriranje) frekvenc - Standardne mere in priključni kontakti - 2. del: Keramični okrovi (IEC 61837-2:2011/A1:2014) - Dopolnilo A1
Surface mounted piezoelectric devices for frequency control and selection - Standard outlines and terminal lead connections - Part 2: Ceramic enclosures (IEC 61837-2:2011/A1:2014)
Osnova: EN 61837-2:2011/A1:2014
ICS: 31.140

Dopolnilo A1:2016 je dodatek k standardu SIST EN 61837-2:2011.
This part of IEC 61837 deals with standard outlines and terminal lead connections as they apply to surface-mounted devices (SMD) for frequency control and selection in ceramic enclosures, and is based on IEC 61240.

SIST EN 62388:2014/AC:2016
2016-10 (po) (en) 1 str. (AC)
Pomorska navigacijska in radiokomunikacijska oprema in sistemi - Ladijski radar - Tehnične zahteve, metode preskušanja in zahtevani rezultati preskusov - Popravek AC
Maritime navigation and radiocommunication equipment and systems - Shipborne radar - Performance requirements, methods of testing and required test results
Osnova: **EN 62388:2013/AC:2014**
ICS: **33.060.01, 47.020.70**

Popravek k standardu SIST EN 62388:2014.
Ta mednarodni standard določa minimalne zahteve za delovanje in tehnične zahteve, preskusne metode in zahtevane rezultate preskusov, ki so skladni s standardi o lastnostih in niso manjvredni od tistih, ki jih je sprejela Mednarodna pomorska organizacija (IMO) v resoluciji MSC.192(79). (MSC.192/2) Namestitev radarja mora biti poleg izpolnjevanja splošnih zahtev, navedenih v resoluciji A.694(17) in s tem povezanem standardu IEC 60945, skladna s standardi o lastnostih MSC.192(79). Če se zahteva iz tega standarda razlikuje od zahteve iz standarda IEC 60945, ima prednost zahteva iz tega standarda.

SIST-TP CEN/TR 16234-2:2016
2016-10 (po) (en;fr;de) 34 str. (H)
Krovni seznam e-usposobljenosti (e-CF) - Skupno evropsko okolje za poklicne strokovnjake v vseh industrijskih sektorjih - 2. del: Vodilo za uporabnike
e-Competence Framework (e-CF) - A common European Framework for ICT Professionals in all industry sectors - Part 2: User Guide
Osnova: **CEN/TR 16234-2:2016**
ICS: **03.100.30, 35.240.01**

This Technical Report supports understanding, adoption and use of EN 16234-1. It supports Information and Communication Technology (ICT) stakeholders, in particular:
- **ICT service, demand and supply companies;**
- **ICT professionals, managers and human resource (HR) departments;**
- **vocational education institutions and training bodies including higher education;**
- **social partners (trade unions and employer associations);**
- **professional associations, accreditation, validation and assessment bodies;**
- **market analysts and policy makers; and**
- **other organizations and stakeholders in public and private sectors across Europe,**

to adopt, apply and use the framework in their environment.

SS SPL Strokovni svet SIST za splošno področje

SIST EN 14504:2016 SIST EN 14504:2009
2016-10 (po) (en;fr;de) 28 str. (G)
Plovila za celinske vode - Plavajoči privezi in pontonski mostovi na celinskih vodah - Zahteve, preskusi
Inland navigation vessels - Floating landing stages and floating bridges on inland waters - Requirements, tests
Osnova: **EN 14504:2016**
ICS: **47.060, 93.140**

This European Standard specifies safety requirements for floating landing stages and floating systems for passenger transport and their equipment.
Requirements relating to supplies to disposals of berthing vessels are not governed by this Standard.
It is not applicable to:
- **floating landing stages for motor vehicle traffic;**

- floating landing stages for recreational craft and for vehicles of inland navigation vessels which are not berthing vessels;
- more severe requirements for floating landing stages used for the transhipment of dangerous goods;
- any landing stages required between vessel and floating landing stage;
- specialised floating structures which are not used for passenger traffic or the berthing of vessels.

SIST EN 16811-1:2016
2016-10 (po) (en;fr;de) 43 str. (I)
Oprema za zimska vzdrževalna dela - Sredstva za odtajanje - 1. del: Natrijev klorid - Zahteve in preskusne metode
Winter service equipment - De-icing agents - Part 1: Sodium chloride - Requirements and test methods
Osnova: EN 16811-1:2016
ICS: 71.100.45, 13.030.40

This European standard specifies the essential requirements of sodium chloride (salt) for spreading on roads for winter maintenance and includes tests of these requirements. The requirements are specified for salt in crystallized form and for salt in solution (brine), which is delivered to the customer.

SIST EN 16811-2:2016
2016-10 (po) (en;fr;de) 31 str. (G)
Oprema za zimska vzdrževalna dela - Sredstva za odtajanje - 2. del: Kalcijev klorid in magnezijev klorid - Zahteve in preskusne metode
Winter maintenance equipment - De-icing agents - Part 2: Calcium chloride and Magnesium chloride - Requirements and test methods
Osnova: EN 16811-2:2016
ICS: 71.100.45, 13.030.40

This European standard specifies the essential requirements of sodium chloride (salt) for spreading on roads for winter maintenance and includes tests of these requirements. The requirements are specified for salt in crystallized form and for salt in solution (brine), which is delivered to the customer.

SIST EN 16838:2016
2016-10 (po) (en;fr;de) 49 str. (I)
Hladilne vitrine za sladoled - Razvrščanje, zahteve in preskusni pogoji
Refrigerated display scooping cabinets for gelato - Classification, requirements and test conditions
Osnova: EN 16838:2016
ICS: 97.130.20

This European Standard specifies requirements for the construction, characteristics and performance of refrigerated display scooping cabinets for gelato used to sale and display artisan and self made gelato, hereafter called "gelato scooping cabinets". It specifies test conditions and methods for checking that the requirements have been satisfied, as well as classification of the cabinets, their marking and the list of their characteristics to be declared by the manufacturer.

SIST EN 4474:2016 SIST EN 4474:2009
2016-10 (po) (en;fr;de) 11 str. (C)
Aeronavtika - Premazi, pigmentirani z aluminijem - Premazna metoda
Aerospace series - Aluminium pigmented coatings - Coating methods
Osnova: EN 4474:2016
ICS: 49.025.20, 49.040

This European Standard defines the coating methods and characteristics of aluminium pigmented coatings to EN 4473 which may be applied to fasteners in titanium, titanium alloys, heat resisting nickel base or cobalt base alloys and corrosion resisting steels.

SIST EN ISO 12863:2010/A1:2016
2016-10 (po) (en) 9 str. (C)
Standardna preskusna metoda za ocenjevanje nagnjenosti k vžigu cigaret (ISO 12863:2010/Amd 1:2016) - Dopolnilo A1
Standard test method for assessing the ignition propensity of cigarettes (ISO 12863:2010/Amd 1:2016)
Osnova: EN ISO 12863:2010/A1:2016
ICS: 65.160, 13.220.40

Dopolnilo A1:2016 je dodatek k standardu SIST EN ISO 12863:2010.
Ta mednarodni standard zagotavlja standardno ocenjevanje sposobnosti cigarete, ki je postavljena na eni od treh standardnih podlag, da ugasne ali da ustvari zadostno toploto, da gori še naprej in tako morebiti povzroči vžig posteljne opreme ali oblazinjenega pohištva. Ta mednarodni standard se uporablja za industrijsko proizvedene cigarete, ki gorijo po dolžini stolpca tobaka. Ta standard temelji na rezultatih; ne predpisuje kakršnih koli konstrukcijskih značilnosti cigarete, ki bi lahko vodile k izboljšanim ali poslabšanim rezultatom pri preskusni metodi. Rezultat te metode je povezan s potencialom cigarete, da vname oblazinjeno pohištvo.

SIST EN ISO 15858:2016
2016-10 (po) (en) 15 str. (D)
UV-C-naprave - Varnostne zahteve - Dovoljena izpostavljenost ljudi (ISO 15858:2016)
UV-C Devices - Safety information - Permissible human exposure (ISO 15858:2016)
Osnova: EN ISO 15858:2016
ICS: 13.280

This International Standard specifies minimum human safety requirements for the use of UVC lamp devices.
It is applicable to in-duct UVC systems, upper-air in room UVC systems, portable in-room disinfection UVC devices, and any other UVC devices which may cause UVC exposure to humans.
It is not applicable to UVC products used for water disinfection.

SIST EN ISO 16170:2016
2016-10 (po) (en;fr;de) 45 str. (I)
Metode za preskušanje vgrajenih zelo učinkovitih zračnih filtrskih sistemov v industrijskih postrojenjih (ISO 16170:2016)
In situ test methods for very high efficiency filter systems in industrial facilities (ISO 16170:2016)
Osnova: EN ISO 16170:2016
ICS: 91.140.30

This standard prescribes methods and equipment for periodic in-situ testing the performance of HEPA and ULPA filter installations. This standard applies to systems used for contamination control in the industrial applications including but not limited to nuclear, pharmaceutical and micro electronics industry, for which the efficiency of the systems is a required parameter.

SIST EN ISO 19901-4:2016 SIST EN ISO 19901-4:2004
2016-10 (po) (en) 201 str. (S)
Industrija za predelavo nafte in zemeljskega plina - Posebne zahteve za naftne ploščadi - 4. del: Obravnava geotehničnih in temeljnih značilnosti projektiranja (ISO 19901-4:2016)
Petroleum and natural gas industries - Specific requirements for offshore structures - Part 4: Geotechnical and foundation design considerations (ISO 19901-4:2016)
Osnova: EN ISO 19901-4:2016
ICS: 93.020, 75.180.10

This part of ISO 19901 contains provisions for those aspects of geoscience and foundation engineering that are applicable to a broad range of offshore structures, rather than to a particular structure type.
Such aspects are:
— site and soil characterization;
— identification of hazards;
— design and installation of shallow foundations supported by the seabed;
— design and installation of pile foundations;
— soil-structure interaction for auxiliary structures, e.g. subsea production systems, risers and flowlines (guidance given in A.10);
— design of anchors for the stationkeeping systems of floating structures (guidance given in A.11).
Particular requirements for marine soil investigations are detailed in ISO 19901-8.
Aspects of soil mechanics and foundation engineering that apply equally to offshore and onshore structures are not addressed. The user of this part of ISO 19901 is expected to be familiar with such aspects.
ISO 19901-4 outlines methods developed primarily for the design of shallow foundations with an embedded length (L) to diameter (D) ratio $L/D < 1$ (Clause 7) and relatively long and flexible pile foundations with $L/D > 10$ (Clause 8). This part of ISO 19901 does not apply to intermediate foundations with $1 < L/D < 10$. Such intermediate foundations, often known as ‘caisson foundations’, comprise either shallow foundations with skirts penetrating deeper into the seabed than the width of the foundation, or shorter, more rigid and larger diameter piles than those traditionally used for founding offshore structures. The design of such foundations can require specific analysis methods; it is important that any extrapolation from the design methods described in this part of ISO 19901 to intermediate foundations be treated with care and assessed by a geotechnical specialist.

SIST EN ISO 7236:2016 SIST EN 929:2000
2016-10 (po) (en) 15 str. (D)
Ladje in pomorska tehnologija - Plovila za celinske vode - Montažno pritrdišče za odstranljive signalne jambore za remorkerje (ISO 7236:2014)
Ships and marine technology - Inland navigation vessels - Mounting attachments for demountable signal masts for push-tows (ISO 7236:2014)
Osnova: EN ISO 7236:2016
ICS: 47.060

This International Standard applies to mounting attachments for demountable masts with an integral mast lower part for the placing of lights on push barges. It specifies construction, dimensions, manufacture, arrangement, and means of attachment.

SIST EN ISO 8666:2016 SIST EN ISO 8666:2003
2016-10 (po) (en) 32 str. (G)
Mala plovila - Osnovni podatki (ISO 8666:2016)
Small craft - Principal data (ISO 8666:2016)
Osnova: EN ISO 8666:2016
ICS: 47.080

This International Standard establishes definitions of main dimensions and related data and of mass specifications and loading conditions. It applies to small craft having a length of the hull (LH) of up to 24 m.

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 UGA
Ugotavljanje skladnosti

SIST EN ISO/IEC 17021-1:2015

2015-10 (pr) (sl, en) 88 str. (SM)

Ugotavljanje skladnosti - Zahteve za organe, ki presojajo in certificirajo sisteme vodenja - 1. del: Zahteve (ISO/IEC 17021-1:2015)

Conformity assessment - Requirements for bodies providing audit and certification of management systems - Part 1: Requirements (ISO/IEC 17021-1:2015)

Osnova: EN ISO/IEC 17021-1:2015

ICS: 03.100.70; 03.120.20

Ta del standarda ISO/IEC 17021 vsebuje načela in zahteve za kompetentnost, doslednost in nepristranskost organov, ki presojajo in certificirajo vse vrste sistemov vodenja.

Certifikacijskim organom, ki delujejo v skladu s tem delom ISO/IEC 17021, ni treba nuditi certifikacije vseh vrst sistemov vodenja.

Certificiranje sistemov vodenja je aktivnost ugotavljanja skladnosti, ki jo izvajajo tretje stranke (glej ISO/IEC 17000:2004, točka 5.5); organi, ki to aktivnost izvajajo, so torej organi za ugotavljanje skladnosti kot tretja stranka.

OPOMBA 1: Primeri sistemov vodenja vključujejo sisteme ravnanja z okoljem, sisteme vodenja kakovosti in sisteme za upravljanje informacijske varnosti.

OPOMBA 2: V tem delu ISO/IEC 17021 se certificiranje sistemov vodenja imenuje "certifikacija", organe ugotavljanja skladnosti kot tretjo stranko pa "certifikacijski organi".

OPOMBA 3: Certifikacijski organ je lahko nevladni ali vladni, z regulativnimi pooblastili ali brez njih.

OPOMBA 4: Ta del ISO/IEC 17021 se lahko uporabi kot dokument s kriteriji za akreditacijo ali medsebojno ocenjevanje ali za druge procese presoje.

Razveljavitev slovenskih standardov

SIST/TC	Razveljavljeni dokument	Leto razveljavitve	Zamenjan z dokumentom
AGO	SIST EN ISO 16993:2015	2016-10	SIST EN ISO 16993:2016
AGO	SIST EN ISO 16994:2015	2016-10	SIST EN ISO 16994:2016
AGR	SIST EN 13055-1:2002	2016-10	SIST EN 13055:2016
AGR	SIST EN 13055-1:2002/AC:2004	2016-10	SIST EN 13055:2016
AGR	SIST EN 13055-2:2004	2016-10	SIST EN 13055:2016
BBB	SIST EN 1504-8:2005	2016-10	SIST EN 1504-8:2016
CAA	SIST EN 1015-12:2001	2016-10	SIST EN 1015-12:2016
DTN	SIST-TS CEN/TS 13001-3-5:2010	2016-10	SIST EN 13001-3-5:2016
EAL	SIST EN 50518-1:2010	2016-10	SIST EN 50518-1:2013
EAL	SIST EN 50518-2:2010	2016-10	SIST EN 50518-2:2013
EAL	SIST EN 50518-2:2010/AC:2011	2016-10	SIST EN 50518-2:2013
EAL	SIST EN 50518-3:2011	2016-10	SIST EN 50518-3:2013
EMC	SIST EN 55022:2011	2016-10	SIST EN 50561-1:2014 SIST EN 55032:2012
EMC	SIST EN 55022:2011/AC:2011	2016-10	SIST EN 50561-1:2014 SIST EN 55032:2012
EMC	SIST EN 55032:2012	2016-10	kSIST FprEN 55032:2013 (fragment 4):2014 kSIST FprEN 55032:2014 (fragment 1) kSIST FprEN 55032:2014 (fragment 2) kSIST FprEN 55032:2014 (fragment 3) kSIST FprEN 55032:2014 (fragment 5) SIST EN 50561-1:2014 SIST EN 55032:2015
EMC	SIST EN 55032:2012/AC:2013	2016-10	kSIST FprEN 55032:2013 (fragment 4):2014 kSIST FprEN 55032:2014 (fragment 1) kSIST FprEN 55032:2014 (fragment 2) kSIST FprEN 55032:2014 (fragment 3) kSIST FprEN 55032:2014 (fragment 5) SIST EN 50561-1:2014
IBLP	SIST EN ISO 1514:2005	2016-10	SIST EN ISO 1514:2016
IBLP	SIST EN ISO 3248:2001	2016-10	SIST EN ISO 3248:2016
IBLP	SIST EN ISO 4623-2:2004	2016-10	SIST EN ISO 4623-2:2016

SIST/TC	Razveljavljeni dokument	Leto razveljavitve	Zamenjan z dokumentom
IBLP	SIST EN ISO 4623-2:2004/AC:2006	2016-10	SIST EN ISO 4623-2:2016
IFEK	SIST EN 10272:2007	2016-10	SIST EN 10272:2016
IFEK	SIST EN 10273:2008	2016-10	SIST EN 10273:2016
IFEK	SIST EN 10280:2001+A1:2007	2016-10	
IFEK	SIST EN 10305-1:2010	2016-10	SIST EN 10305-1:2016
IFEK	SIST EN 10305-2:2010	2016-10	SIST EN 10305-2:2016
IFEK	SIST EN 10305-3:2010	2016-10	SIST EN 10305-3:2016
IFEK	SIST EN 10305-4:2011	2016-10	SIST EN 10305-4:2016
IFEK	SIST EN 10305-5:2010	2016-10	SIST EN 10305-5:2016
IFEK	SIST EN 10305-6:2005	2016-10	SIST EN 10305-6:2016
IIZS	SIST EN 60544-1:1998	2016-10	SIST EN 60544-1:2014
IIZS	SIST HD 429 S1:1998	2016-10	SIST EN 62631-3-1:2016
IIZS	SIST HD 438 S1:1998	2016-10	
IIZS	SIST HD 568 S1:1998	2016-10	SIST EN 62631-3-3:2016
INEK	SIST EN 12163:2011	2016-10	SIST EN 12163:2016
INEK	SIST EN 12164:2011	2016-10	SIST EN 12164:2016
INEK	SIST EN 12165:2011	2016-10	SIST EN 12165:2016
INEK	SIST EN 12166:2011	2016-10	SIST EN 12166:2016
INEK	SIST EN 12167:2011	2016-10	SIST EN 12167:2016
INEK	SIST EN 12168:2011	2016-10	SIST EN 12168:2016
INEK	SIST EN 485-1:2008+A1:2010	2016-10	SIST EN 485-1:2016
INEK	SIST EN 485-2:2014	2016-10	SIST EN 485-2:2016
IPMA	SIST EN 12703:2012	2016-10	SIST EN 12703:2016
IPMA	SIST EN 12704:2012	2016-10	SIST EN 12704:2016
IPMA	SIST EN 12765:2002	2016-10	SIST EN 12765:2016
IPMA	SIST EN 14713:2006	2016-10	SIST EN 14713:2016
IPMA	SIST EN 1765:2005	2016-10	SIST EN 1765:2016
IPMA	SIST EN 204:2002	2016-10	SIST EN 204:2016
IPMA	SIST EN 205:2003	2016-10	SIST EN 205:2016
IPMA	SIST EN ISO 4590:2003	2016-10	SIST EN ISO 4590:2016
ISEL	SIST EN 15048-1:2007	2016-10	SIST EN 15048-1:2016
ISEL	SIST EN 15048-2:2007	2016-10	SIST EN 15048-2:2016
ITEK	SIST EN 1102:1999	2016-10	SIST EN 1102:2016
ITEK	SIST EN ISO 9863-1:2005	2016-10	SIST EN ISO 9863-1:2016
IVAR	SIST EN ISO 14171:2011	2016-10	SIST EN ISO 14171:2016
IVAR	SIST EN ISO 3581:2012	2016-10	SIST EN ISO 3581:2016

SIST/TC	Razveljavljeni dokument	Leto razveljavitve	Zamenjan z dokumentom
IVAR	SIST EN ISO 5182:2011	2016-10	SIST EN ISO 5182:2016
IVAR	SIST EN ISO 9692-3:2002	2016-10	SIST EN ISO 9692-3:2016
IVAR	SIST EN ISO 9692-3:2002/A1:2004	2016-10	SIST EN ISO 9692-3:2016
IŽNP	SIST EN 13129-1:2004	2016-10	SIST EN 13129:2016
IŽNP	SIST EN 13129-2:2004	2016-10	SIST EN 13129:2016
IŽNP	SIST EN 15220-1:2009+A1:2011	2016-10	SIST EN 15220:2016
KŽP	SIST EN ISO 11702:2010	2016-10	SIST EN ISO 11702:2016
KŽP	SIST EN ISO 16140:2003	2016-10	SIST EN ISO 16140-1:2016 SIST EN ISO 16140-2:2016
KŽP	SIST EN ISO 16140:2003/A1:2012	2016-10	SIST EN ISO 16140-1:2016 SIST EN ISO 16140-2:2016
NAD	SIST EN ISO 2719:2003	2016-10	SIST EN ISO 2719:2016
OCE	SIST-TP CEN/TR 1317-6:2012	2016-10	SIST-TP CEN/TR 16949:2016
SPN	SIST EN 319 411-2 V1.1.1:2013	2016-10	
SPN	SIST EN 319 411-3 V1.1.1:2013	2016-10	
SPN	SIST EN 319 412-5 V1.1.1:2013	2016-10	
SPO	SIST EN 892:2012	2016-10	SIST EN 892:2012+A1:2016
STV	SIST EN 14179-1:2005	2016-10	SIST EN 14179-1:2016
TLP	SIST EN 13616:2004	2016-10	SIST EN 13616-1:2016 SIST EN 13616-2:2016 SIST EN 16657:2016
TLP	SIST EN 13616:2004/AC:2006	2016-10	SIST EN 13616-1:2016 SIST EN 13616-2:2016 SIST EN 16657:2016
TLP	SIST EN 14595:2005	2016-10	SIST EN 14595:2016
UGA	SIST-TS ISO/IEC TS 17021-3:2013	2016-10	SIST-TS CEN/CLC ISO/IEC/TS 17021-3:2016
VAZ	SIST EN ISO 10139-2:2009	2016-10	SIST EN ISO 10139-2:2016
VAZ	SIST EN ISO 14880-1:2005	2016-10	SIST EN ISO 14880-1:2016
VAZ	SIST EN ISO 14880-1:2005/AC:2009	2016-10	SIST EN ISO 14880-1:2016
SS EIT	SIST EN 60424-4:2002	2016-10	SIST EN 60424-4:2016
SS EIT	SIST EN 61185:2005	2016-10	SIST EN 62317-6:2016
SS EIT	SIST EN 61788-12:2003	2016-10	SIST EN 61788-12:2014
SS EIT	SIST EN 61788-5:2002	2016-10	SIST EN 61788-5:2014
SS EIT	SIST-TS CLC/TS 50612:2014	2016-10	SIST-TS CLC/TS 50612:2016
SS EIT	SIST EN 60384-14:2006	2016-10	
SS EIT	SIST EN 60444-6:2002	2016-10	SIST EN 60444-6:2014
SS EIT	SIST EN 60539-1:2003	2016-10	SIST EN 60539-1:2008
SS SPL	SIST EN 14872:2006	2016-10	SIST EN ISO 11243:2016

SIST/TC	Razveljavljeni dokument	Leto razveljavitve	Zamenjan z dokumentom
SS SPL	SIST EN 14504:2009	2016-10	SIST EN 14504:2016
SS SPL	SIST EN 4474:2009	2016-10	SIST EN 4474:2016
SS SPL	SIST EN ISO 19901-4:2004	2016-10	SIST EN ISO 19901-4:2016
SS SPL	SIST EN ISO 8666:2003	2016-10	SIST EN ISO 8666:2016

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CENIK SIST

Št. 1/2015, 1. 1. 2015

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 10/2013

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.