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- slovenski standardi SIST
- publikacije SIST
- kopije standardov JUS (do 25. 6. 1991)
- posredovanje tujih standardov in literature
- licenčne kopije standardov ISO in IEC, ETS, DIN BS in predlogov prEN
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Objava novih slovenskih nacionalnih standardov – Julij/avgust 2016

SIST/TC AGO Alternativna goriva iz odpadkov

SIST EN ISO 17827-2:2016

SIST EN 15149-2:2011

2016-07

(po)

(en;fr;de)

17 str. (E)

Trdna biogoriva - Določevanje porazdelitve velikosti delcev za nekomprimirana goriva - 2. del: Metoda z vibracijskim sitom z odprtini 3,15 mm in manj (ISO 17827-2:2016)

Solid biofuels - Determination of particle size distribution for uncompressed fuel - Part 2: Vibrating screen method using sieves with aperture of 3,15 mm and below (ISO 17827-2:2016)

Osnova: EN ISO 17827-2:2016

ICS: 75.160.40

This international standard describes method for determination of the the size distribution of particulate biofuels by the horizontally oscillating screen method. It applies to particulate uncompressed fuels with a nominal top size of 1 mm and above such as wood chips, hog fuel, olive stones etc. A sample is subjected to sieving through horizontally oscillating sieves, sorting the particles in decreasing size classes by mechanical means. The sieving operation shall be horizontally oscillating (one or two dimensional), using an appropriate stroke-frequency according to the type of material. The number of sieves and the aperture sizes of the sieves shall be chosen according to the size specification of the actual sample material.

SIST/TC AKU Akustika

SIST ISO 1996-1:2016

2016-07

(po)

(en)

53 str. (J)

Akustika - Opis, merjenje in ocena hrupa v okolju - 1. del: Osnovne veličine in ocenjevalni postopki
Acoustics – Description, measurement and assessment of environmental noise – Part 1: Basic quantities and assessment procedures

Osnova: ISO 1996-1:2016

ICS: 17.140.01, 13.140

This part of ISO 1996 defines the basic quantities to be used for the description of noise in community environments and describes basic assessment procedures. It also specifies methods to assess environmental noise and gives guidance on predicting the potential annoyance response of a community to long-term exposure from various types of environmental noises. The sound sources can be separate or in various combinations. Application of the method to predict annoyance response is limited to areas where people reside and to related long-term land uses.

Community response to noise can vary differently among sound sources that are observed to have the same acoustic levels. This part of ISO 1996 describes adjustments for sounds that have different

characteristics. The term “rating level” is used to describe physical sound predictions or measurements to which one or more adjustments have been added. On the basis of these rating levels, the long-term community response can be estimated.

The sounds are assessed either singly or in combination, allowing for consideration, when deemed necessary by responsible authorities, of the special characteristics of their impulsiveness, tonality, and low-frequency content, and for the different characteristics of road-traffic noise, other forms of

transportation noise (such as aircraft noise), and industrial noise.

This part of ISO 1996 does not specify limits for environmental noise.

NOTE 1 In acoustics, several different physical measures describing sound can have their level expressed in decibels (e.g. sound pressure, maximum sound pressure, and equivalent continuous

sound pressure). The levels corresponding to these physical measures normally will differ for the same sound. This often leads to confusion.

Therefore, it is necessary to specify the underlying physical quantity (e.g. sound pressure level, maximum sound pressure level, and equivalent continuous sound pressure level).

NOTE 2 In this part of ISO 1996, quantities are expressed as levels in decibels. However, some countries validly express the underlying physical quantity, such as maximum sound pressure, in pascal or sound exposure in pascal-squared seconds.

NOTE 3 ISO 1996-2 deals with the determination of sound pressure levels.

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

SIST EN 60728-5:2016

SIST EN 60728-5:2008

2016-07 (po) (en;fr;de) 97 str. (M)

Kabelska omrežja za televizijske in zvokovne signale ter interaktivne storitve - 5. del: Oprema glavne sprejemne postaje

Cable networks for television signals, sound signals and interactive services - Part 5: Headend equipment

Osnova: EN 60728-5:2016

ICS: 33.060.40

This part of IEC 60728 specifies the characteristics of equipment used in the headends of terrestrial broadcast and satellite receiving systems (without satellite outdoor units and without those broadband amplifiers in the headend as described in IEC 60728-3). The satellite outdoor units for fixed satellite systems (FSS) are described in ETSI ETS 300 158, and for broadcast satellite systems (BSS) in ETSI ETS 300 249. Test methods for both types (FSS and BSS) of satellite outdoor units are laid down in ETSI ETS 300 457.

This part of IEC 60728

- a) covers the frequency range 5 MHz to 3 000 MHz;
- b) identifies performance requirements for certain parameters;
- c) lays down data publication requirements for certain parameters;
- d) stipulates methods of measurements;
- e) introduces minimum requirements defining quality grades (Q-grades).

This part of IEC 60728 specifies the overall characteristics for upstream/downstream signals between external sources/sinks (for example, antennas, cable modem termination systems, etc.) and the system interface to the cable network. In the case of modular headend systems, single equipment items such as modulators, converters, etc. are also described. Cable modem termination systems, encrypters, decrypters, etc. are not described in this part of IEC 60728. If such equipment is used in headends, the relevant parameters for RF, video, audio and data interfaces should be met.

According to the definitions in 3.1, the headends are divided into the following three quality grades:

- Grade 1: central headend;
- Grade 2: hub headend or hubsite;
- Grade 3: MATV headend/individual reception headend.

SIST EN 62087-1:2016

SIST EN 62087:2012

2016-07 (po) (en;fr;de) 17 str. (E)

Avdio, video in pripadajoča oprema - Ugotavljanje porabe energije - 1. del: Splošno (IEC 62087-1:2015)

Audio, video, and related equipment - Determination of power consumption - Part 1: General (IEC 62087-1:2015)

Osnova: EN 62087-1:2016

ICS: 33.160.01

This part of IEC 62087 specifies the general requirements for the determination of power consumption of audio, video, and related equipment. Requirements for specific types of equipment are specified in additional parts of this series of standards and may supersede the requirements specified in this standard.

Moreover, this part of IEC 62087 defines the different modes of operation which are relevant for determining power consumption.

This standard is only applicable for equipment which can be powered by an external power source. Equipment that includes a non-removable main battery is not covered by this standard. Equipment may include any number of auxiliary batteries.

In order to assess compliance of a specific model of equipment with the declared value, an example verification procedure is provided.

The measuring conditions in this standard represent the normal use of the equipment and may differ from specific conditions, for example as specified in safety standards.

SIST EN 62087-3:2016

SIST EN 62087:2012

2016-07 (po) (en;fr;de) 43 str. (I)

Avdio, video in pripadajoča oprema - Ugotavljanje porabe energije - 3. del: Televizijski sprejemnik (IEC 62087-3:2015)

Audio, video, and related equipment - Determination of power consumption - Part 3: Television sets (IEC 62087-3:2015)

Osnova: EN 62087-3:2016

ICS: 35.160.25, 17.220.20

This part of IEC 62087 specifies the determination of the power consumption and related characteristics of television sets. Television sets include, but are not limited to, those with CRT, LCD, PDP, OLED, or projection technologies.

The operating modes and functions, as they specifically apply to television sets, are defined in detail in this part of IEC 62087.

This standard is limited to television sets that can be connected to an external power source. Television sets that include a non-removable, main battery are not covered by this standard. Television sets may include any number of auxiliary batteries.

The measuring conditions in this standard represent the normal use of the equipment and may differ from specific conditions, for example as specified in safety standards.

SIST EN 62087-4:2016

SIST EN 62087:2012

2016-07 (po) (en;fr;de) 18 str. (E)

Avdio, video in pripadajoča oprema - Ugotavljanje porabe energije - 4. del: Oprema za video snemanje (IEC 62087-4:2015)

Audio, video, and related equipment - Determination of power consumption - Part 4: Video recording equipment (IEC 62087-4:2015)

Osnova: EN 62087-4:2016

ICS: 35.160.40, 17.220.20

This part of IEC 62087 specifies methods of measurement for the power consumption of video recording equipment with removable media. It specifies the different modes of operation which are relevant for measuring power consumption.

The methods of measurement are applicable only for equipment which can be connected to the mains.

The measuring conditions in this standard represent the normal use of the equipment and may differ from specific conditions, as specified, for example, in safety standards.

SIST EN 62087-5:2016

SIST EN 62087:2012

2016-07 (po) (en;fr;de) 21 str. (F)

Audio, video in pripadajoča oprema - Ugotavljanje porabe energije - 5. del: Vhodni prilagoditveni procesor (IEC 62087-5:2015)

Audio, video, and related equipment - Determination of power consumption - Part 5: Set-top-boxes (STB) (IEC 62087-5:2015)

Osnova: EN 62087-5:2016

ICS: 17.220.20, 35.160.01

This part of IEC 62087 specifies methods of measurement for the power consumption of set top boxes (STBs). It specifies the different modes of operation which are relevant for measuring power consumption.

The methods of measurement are applicable only for equipment which can be connected to the mains.

The measuring conditions in this standard represent the normal use of the equipment and may differ from specific conditions, as specified, for example, in safety standards.

SIST/TC CAA Mineralna veziva in zidarstvo

SIST EN 196-10:2016

SIST EN 196-10:2006

2016-07 (po) (en;fr;de) 37 str. (H)

Metode preskušanja cementa - 10. del: Določevanje vodotopnega kroma (VI) v cementu

Methods of testing cement - Part 10: Determination of the water-soluble chromium (VI) content of cement

Osnova: EN 196-10:2016

ICS: 91.100.10

This part of EN 196 specifies the method for the determination of the water-soluble chromium (VI) content of cement.

A reference method is described consisting of two stages, an extraction procedure and an analysis of the filtered extract. Guidance on other extraction procedures, suitable for screening tests, for factory production control or other purposes, is given but in case of dispute or failure to comply with a regulatory limit only the reference method is used. The reference method has alternatives whereby the filtered extract may be subjected to an oxidation step or not. The criteria by which the appropriate procedure is selected are set down. Other instrumental procedures may be used for the analysis of the filtered extract provided they are calibrated against the analysis of the filtered extract using the reference procedure. In the case of a dispute, only the reference method is used.

Annex A sets out a normative procedure to be followed in case this test method is used as the basis for evaluation of conformity of a cement with the regulatory limit in Regulation (EC) No. 1907/2006.

This part of EN 196 describes a method that applies to cements. It may have wider applicability but this would need to be verified by testing on a product-by-product basis. Guidance in the possible application of this European Standard to the determination of the water-soluble chromium (VI) content of cement-containing preparations is given in Annex B.

Annexes C and D provide information on other test procedures based on paste extraction and thus depart from the performance of cement in its normal conditions of use. They may be carried out with or without the oxidation process. Users should be aware that results using these methods might be significantly different to those obtained by the reference method. In the case of dispute or failure to comply with the regulatory limit only the reference method is used.

Annex E provides guidance on a method for determination of the excess reducing agent content of cement as used in the factory internal control system of some countries. Manufacturers using such an internal control method should assure themselves of the relevance of results in comparison with testing by the reference method.

SIST/TC ELI Nizkonapetostne in komunikacijske električne inštalacije

SIST EN 50310:2016

SIST EN 50310:2011

2016-07 (po) (en) 47 str. (I)

Izenačitev potencialov in ozemljevanje v stavbah z opremo informacijske tehnologije
Telecommunications bonding networks for buildings and other structures

Osnova: EN 50310:2016

ICS: 35.020, 91.140.50

This European Standard specifies requirements and provides recommendations for the design and

installation of connections (bonds) between various electrically conductive elements in buildings and other structures, during their construction or refurbishment, in which information technology (IT) and, more generally, telecommunications equipment is intended to be installed in order to:

a) minimize the risk to the correct function of that equipment and interconnecting cabling from electrical hazards;

b) provide the telecommunications installation with a reliable signal reference – which may improve immunity from electromagnetic interference (EMI).

The requirements of this European Standard are applicable to the buildings and other structures within premises addressed by EN 50174-2 (e.g. residential, office, industrial and data centres) but information given in this European Standard may be of assistance for other types of buildings and structures.

NOTE Telecommunications centres (operator buildings) are addressed by ETSI/EN 300 253. This European Standard does not apply to power supply distribution of voltages over AC 1 000 V. Electromagnetic compatibility (EMC) requirements and safety requirements for power supply installation are outside the scope of this European Standard and are covered by other standards and regulations. However, information given in this European Standard may be of assistance in meeting the requirements of these standards and regulations.

SIST EN 61140:2016

SIST EN 61140:2002

SIST EN 61140:2002/A1:2007

2016-07 (po) (en) 58 str. (J)

Zaščita pred električnim udarom - Skupni vidiki za inštalacijo in opremo

Protection against electric shock - Common aspects for installation and equipment

Osnova: EN 61140:2016

ICS: 91.140.50, 13.260

This International Standard is a basic safety publication primarily intended for use by technical committees in the preparation of standards in accordance with the principles laid down in IEC Guide 104 and ISO/IEC Guide 51.

It is not intended to be used as a stand-alone standard.

According to IEC Guide 104, technical committees, when preparing, amending, or revising their publications, are required to make use of any basic safety publication such as IEC 61140. This International Standard applies to the protection of persons and livestock against electric shock. The intent is to give fundamental principles and requirements which are common to electrical installations, systems and equipment or necessary for their coordination, without limitations with regard to the magnitude of the voltage or current, or the type of current, and for frequencies up to 1 000 Hz.

Some clauses in this standard refer to low-voltage and high-voltage systems, installations and equipment. For the purposes of this standard, low-voltage is any rated voltage up to and including 1 000 V a.c. or 1 500 V d.c.. High voltage is any rated voltage exceeding 1 000 V a.c. or 1 500 V d.c.. It should be noted that, for an efficient design and selection of protective measures, the type of voltage that may occur and its waveform needs to be considered, i.e. a.c. or d.c. voltage, sinusoidal, transient, phase controlled, superimposed d.c., as well as a possible mixture of these forms. The

installations or equipment may influence the waveform of the voltage, e.g. by inverters or converters. The currents flowing under normal operating conditions and under fault conditions depend on the described voltage.

SIST/TC EMC Elektromagnetna združljivost

SIST EN 55016-1-3:2007/A1:2016

2016-07 (po) (en) 10 str. (C)

Specifikacija za merilne naprave in metode za merjenje radijskih motenj in odpornosti - 1-5. del: Merilne naprave za merjenje radijskih motenj in odpornosti - Pomožna oprema - Moč motenj - Dopolnilo A1

Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-3:

Radio disturbance and immunity measuring apparatus - Ancillary equipment - Disturbance power

Osnova: EN 55016-1-3:2006/A1:2016

ICS: 17.220.20, 53.100.20

Dopolnilo A1:2016 je dodatek k standardu SIST EN 55016-1-3:2007.

This part of CISPR 16 is designated a basic standard, which specifies the characteristics and calibration of the absorbing clamp for the measurement of radio disturbance power in the frequency range 30 MHz to 1 GHz.

SIST/TC EPR Električni pribor

SIST EN 60320-1:2015/AC:2016

2016-07 (po) (en;fr;de) 3 str. (AC)

Aparatne spojke za gospodinjstva in podobne splošne namene - 1. del: Splošne zahteve

Appliance couplers for household and similar general purposes - Part 1: General requirements

Osnova: EN 60320-1:2015/AC:2016

ICS: 29.120.50

Popravek k standardu SIST EN 60320-1:2015.

Ta del standarda IEC 60320 določa splošne zahteve za aparatne spojke za dva pola in dva pola z ozemljitvijo ter povezavo električnih naprav za gospodinjstve in podobne namene z napajalnim omrežjem.

Ta del standarda IEC 60320 se uporablja tudi za vhode/izhode aparatov, ki so vgrajeni v aparate oziroma jih ti vključujejo.

Nazivna napetost ne presega 250 V (pri izmeničnem toku) in nazivni tok ne presega 16 A. Aparatne spojke v skladu s tem delom standarda IEC 60320 so primerne za običajno uporabo pri temperaturah okolja, ki običajno ne presegajo 40 °C, vendar njihovo povprečje v 24-urnem obdobju ne presega 35 °C, pri čemer je spodnja meja temperature okoljskega zraka -5 °C. Aparatne spojke niso primerne za:

- uporabo namesto vtičnih naprav v skladu s standardom IEC 60884-1;

- uporabo namesto naprav za priključitev svetilk (DCL) v skladu s standardom IEC 61995 ali spojk za podporo svetilk (LSC).

OPOMBA: Zahteve za enosmerni tok se ne uporabljajo.

SIST EN 61009-1:2013/A12:2016

2016-07 (po) (en;fr;de) 4 str. (A)

Odklopniki na preostali (residualni) tok z vgrajeno nadtokovno zaščito za gospodinjstvo in podobno rabo (RCBO's) - 1. del: Splošna pravila

Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBOs) - Part 1: General rules

Osnova: EN 61009-1:2012/A12:2016

ICS: 29.120.50

Dopolnilo A12:2016 je dodatek k standardu SIST EN 61009-1:2013.

Ta mednarodni standard se uporablja za odklopnike na preostali (residualni) tok z vgrajeno nadtokovno zaščito, ki so funkcionalno neodvisni ali odvisni od linijske napetosti, za gospodinjsko in podobno rabo (v nadaljnjem besedilu: RCBO), za nazivne napetosti do vključno 440 V izmenične napetosti, pri čemer nazivna frekvenca dosega 50 Hz, 60 Hz ali 50/60 Hz, nazivni tok ne presega 125 A, nazivne kratkostične zmogljivosti pa ne presegajo 25000 A med delovanjem pri 50 Hz ali 60 Hz. Te naprave so namenjene zaščiti oseb pred posrednim stikom, pri čemer so izpostavljeni prevodni deli inštalacije povezani z ustreznim ozemljilom, in zaščiti napeljav stavb in podobnih aplikacij pred nadtoki. Uporabljajo se lahko za zaščito pred požarom zaradi stalnega ozemljitvenega okvarnega toka brez naprave za nadtokovno zaščito. Tudi odklopniki na preostali (residualni) tok z vgrajeno nadtokovno zaščito (RCBO) z nazivnim preostalim operativnim tokom do vključno 30 mA se uporabljajo kot dodatna zaščita v primeru odpovedi zaščitnega sredstva pred električnim udarom. Ta standard se uporablja za naprave, ki hkrati izvajajo funkcije zaznavanja preostalega (residualnega) toka, primerjanja vrednosti tega toka s preostalo operativno vrednostjo in odprta zaščitenega tokokroga, kadar preostali tok presega to vrednost, ter tudi funkcijo ustvarjanja, prenosa in prekinitve nadtokov pod določenimi pogoji. Odklopniki RCBO splošnega tipa se ne morejo po nesreči odklopiti, tudi kadar previsoka napetost (zaradi prehodnih preklapljanj ali udara strele) povzroči obremenilne tokove v inštalaciji brez nastanka preboja. Odklopniki RCBO tipa S naj bi v zadostni meri ščitili pred neželenim odklopom, celo kadar previsoka napetost povzroči preboj in nastane nadaljnji tok. Odklopniki RCBO so primerni za izolacijo. Odklopniki RCBO, ki so skladni s tem standardom, razen odklopnikov z neprekinjeno nevtralno točko, so primerni za uporabo v sistemih IT. Posebni zaščitni ukrepi (npr. prenapetostni odvodniki) so lahko potrebni, kadar lahko na strani dobave nastane prekomerna prenapetost (na primer v primeru dobave prek nadzemnih vodov) (glejte standard 60364-4-44). Ta standard se uporablja tudi za odklopnike RCBO, ki se pridobijo z montažo naprave s prilagodljivim preostalim (residualnim) tokom z odklopnikom. Mehansko montažo izvede proizvajalec v tovarni ali se opravi na kraju samem, v tem primeru pa se uporabljajo zahteve Dodatka G. Uporablja se tudi za odklopnike RCBO z več kot enim nazivnim tokom, če sredstvo za spreminjanje nazivnega toka ni na voljo med običajnim delovanjem in se nazivni tok ne more spremeniti brez uporabe orodja. Dodatne zahteve so lahko potrebne za vtične odklopnike RCBO. Posebne zahteve so potrebne za odklopnike RCBO, vgrajene v ali namenjene le uporabi v vtiči in vtičnicami ali s spojki naprave za gospodinjsko in podobno splošno rabo in če so namenjeni uporabi pri frekvencah, ki niso 50 Hz ali 60 Hz. Ta standard se ne uporablja za: – odklopnike RCBO, namenjene zaščiti motorjev; – odklopnike RCBO, katerih trenutno nastavitev je mogoče prilagoditi s sredstvi, ki so uporabniku na voljo med običajnim delovanjem. Zahteve tega standarda se uporabljajo za običajne okoljske pogoje. Dodatne zahteve so lahko potrebne za odklopnike RCBO, ki se uporabljajo na lokacijah z neugodnimi okoljskimi pogoji. Ta standard ne zajema odklopnikov RCBO z akumulatorji. V Dodatku F so zajeta navodila za usklajevanje odklopnikov RCBO z varovalkami.

SIST EN 61242:1997/A2:2016

2016-07 (po) (en;fr;de) 6 str. (B)

Električni pribor - Kabelski bobni za gospodinjske in podobne namene (IEC 61242:1995/A2:2015)

Electrical accessories - Cable reels for household and similar purposes (IEC 61242:1995/A2:2015)

Osnova: EN 61242:1997/A2:2016

ICS: 29.120.99, 55.060

Dopolnilo A2:2016 je dodatek k standardu SIST EN 61242:1997.

SIST HD 62640:2015/A11:2016

2016-07 (po) (en;fr;de) 3 str. (A)

Naprave na preostali (diferenčni) tok z nadtokovno zaščito ali brez nje za vtičnice za gospodinjsko in podobno rabo

Residual current devices with or without overcurrent protection for socket-outlets for household and similar uses

Osnova: HD 62640:2015/A11:2016

ICS: 29.120.50

Dopolnilo A11:2016 je dodatek k standardu SIST HD 62640:2015.

IEC 62640:2011 applies to residual current-operated devices (RCD) incorporated in, or specifically intended for use with two pole socket-outlets, with or without earthing contact for household and similar uses (SRCD: socket-outlet residual current devices). SRCDs, according to this standard, are intended to be used in single phase systems such as phase to neutral or phase to phase or phase to earthed middle conductor. SRCDs are only intended to provide additional protection downstream of the SRCD. SRCDs are intended for use in circuits where the fault protection (indirect contact protection) is already assured upstream of the SRCD.

SIST/TC EVA Električne varovalke

SIST EN 60127-7:2016

SIST EN 60127-7:2015

2016-07 (po) (en;fr;de) 52 str. (G)

Miniaturne varovalke - 7. del: Miniaturni taljivi vložki za posebne namene (IEC 60127-7:2015)

Miniature fuses - Part 7: Miniature fuse-links for special applications (IEC 60127-7:2015)

Osnova: EN 60127-7:2016

ICS: 29.120.50

This part of IEC 60127 covers requirements for miniature fuse-links for special applications. This part of IEC 60127 is applicable to fuse-links with a rated voltage not exceeding 1 000 V, a rated current not exceeding 20 A and a rated breaking capacity not exceeding 50 kA. It does not apply to fuses completely covered by the subsequent parts of IEC 60269-1. It does not apply to miniature fuse-links for appliances intended to be used under special conditions, such as in corrosive or explosive atmospheres.

This part of IEC 60127 applies in addition to the requirements of IEC 60127-1. Miniature fuse-links for special applications are not intended to be replaced by the end-user of an electrical / electronic appliance.

The object of this part of IEC 60127 is to establish uniform test methods for miniature fuselinks for special applications, so as to allow verification of the values (for example melting time and breaking capacity values) specified by the manufacturer.

SIST/TC EXP Električni aparati za eksplozivne atmosfere

SIST EN ISO 80079-20-2:2016

2016-07 (po) (en;fr;de) 52 str. (J)

Eksplozivne atmosfere - 20-2. del: Lastnosti materiala - Metode preskušanja gorljivega prahu (ISO/IEC 80079-20-2:2016)

Explosive atmospheres - Part 20-2: Material characteristics - Combustible dusts test methods (ISO/IEC 80079-20-2:2016)

Osnova: EN ISO/IEC 80079-20-2:2016

ICS: 13.220.40, 13.230

This standard describes the test methods for determining whether a material exhibits properties to be considered to be combustible dust and for determining the characteristics of combustible dusts. This test method is applicable to the identification and classification of areas where explosive dust atmospheres and combustible dust layers are present, in order to permit the proper assessment of potential equipment ignition sources that must be used in the construction and application of equipment for use in the presence of combustible dust.

The test methods defined do not apply to:

- recognized explosives, gunpowder, dynamite, or substances or mixtures of substances which may, under some circumstances, behave in a similar manner; or
- dusts of explosives that do not require atmospheric oxygen for combustion, or to pyrophoric substances

SIST EN ISO 80079-36:2016

SIST EN 13463-1:2009

2016-07 (po) (en)

93 str. (M)

Eksplzivne atmosfere - 36. del: Neelektrična oprema za potencialno eksplozivne atmosfere - Osnovne metode in zahteve (ISO 80079-36:2016)

Explosive atmospheres - Part 36: Non-electrical equipment for use in explosive atmospheres - Basic methods and requirements (ISO 80079-36:2016)

Osnova: EN ISO 80079-36:2016

ICS: 13.250, 29.260.20

This International Standard specifies the basic method and requirements for design, construction, testing and marking of non-electrical equipment intended for use in explosive atmospheres in air of gas, vapour, mist and dusts. Such atmospheres can also exist inside the equipment. In addition, the external atmosphere can be drawn inside the equipment by natural breathing produced as a result of fluctuations in the equipment's internal operating pressure, and/or temperature.

SIST EN ISO 80079-37:2016

SIST EN 13463-5:2011

SIST EN 13463-6:2005

SIST EN 13463-8:2005

2016-07 (po) (en;fr;de) 58 str. (J)

Eksplzivne atmosfere - 37. del: Neelektrična oprema za uporabo v potencialno eksplozivnih atmosferah - Neelektrična vrsta zaščite s konstrukcijsko varnostjo "c", kontrolo virov vžiga "b", s potopitvijo v tekočino "k" (ISO 80079-37:2016)

Explosive atmospheres - Part 37: Non-electrical equipment for use in explosive atmospheres - Non-electrical type of protection constructional safety 'c', control of ignition sources 'b', liquid immersion 'k' (ISO 80079-37:2016)

Osnova: EN ISO 80079-37:2016

ICS: 13.250, 29.260.20

This International standard specifies the requirements for the design and construction of non-electrical equipment, intended for use in explosive atmospheres, protected by the types of protection Constructional Safety, Control of ignition source, Liquid immersion.

This standard supplements the requirements in IEC 80079-36, the contents of which also apply in full to equipment constructed in accordance with this standard.

SIST/TC FGA Funkcionalnost gospodinjskih aparatov

SIST EN 50193-2-1:2016

2016-07 (po) (en;fr)

27 str. (G)

Električni pretočni grelniki vode - 2-1. del: Metode za merjenje lastnosti - Večfunkcijski električni pretočni grelniki vode

Electric instantaneous water heaters - Part 2-1: Methods for measuring the performance - Multifunctional electric instantaneous water heaters

Osnova: EN 50193-2-1:2016

ICS: 97.100.01, 91.140.65

This European Standard applies to electrical instantaneous water heaters designed to operate as multifunctional appliances with electric rated power >2 kW.

This European Standard specifies tests for the assessment of the performance.

SIST/TC IBLP Barve, laki in premazi

SIST EN ISO 16482-1:2016

2016-07 (po) (en;fr;de) 10 str. (C)

Veziva za barve in lake - Določevanje nehlapnega urejenega vodnega kolofona s smolo disperzije - 1. del: Metoda s pečjo (ISO 16482-1:2013)

Binders for paints and varnishes - Determination of the non-volatile-matter content of aqueous rosin-resin dispersions - Part 1: Oven method (ISO 16482-1:2013)

Osnova: EN ISO 16482-1:2016

ICS: 87.060.20

This part of ISO 16482 1 specifies a method for determining the non-volatile content, by mass, of aqueous rosin-resin dispersions, using an oven.

This method is applicable to resin dispersions having a softening point from 60 °C to 100 °C, measured in accordance with ISO 4625 1 (ring-and-ball method).

SIST EN ISO 16482-2:2016

2016-07 (po) (en;fr;de) 9 str. (C)

Veziva za barve in lake - Določevanje nehlapnega urejenega vodnega kolofona s smolo disperzije - 2. del: Mikrovalovna metoda (ISO 16482-2:2013)

Binders for paints and varnishes - Determination of the non-volatile-matter content of aqueous rosin-resin dispersions - Part 2: Microwave method (ISO 16482-2:2013)

Osnova: EN ISO 16482-2:2016

ICS: 87.060.20

This part of ISO 16482 specifies a method for determining the non-volatile content, by mass, of aqueous rosin-resin dispersions, using a microwave oven.

This method is applicable to resin dispersions having a softening point from 60 °C to 100 °C, measured in accordance with ISO 4625-1 (ring-and-ball method).

SIST EN ISO 16773-1:2016

SIST EN ISO 16773-1:2007

2016-07 (po) (en;fr;de) 15 str. (D)

Barve in laki - Elektrokemijska impedančna spektroskopija (EIS) premazanih in nepremazanih kovinskih vzorcev - 1. del: Izrazi in definicije (ISO 16773-1:2016)

Paints and varnishes - Electrochemical impedance spectroscopy (EIS) on coated and uncoated metallic specimens - Part 1: Terms and definitions (ISO 16773-1:2016)

Osnova: EN ISO 16773-1:2016

ICS: 87.040

This part of ISO 16773 defines terms for electrochemical impedance spectroscopy (EIS) for use in the other parts of ISO 16773.

SIST EN ISO 16773-2:2016

SIST EN ISO 16773-2:2007

2016-07 (po) (en;fr;de) 31 str. (G)

Barve in laki - Elektrokemijska impedančna spektroskopija (EIS) premazanih in nepremazanih kovinskih vzorcev - 2. del: Zbiranje podatkov (ISO 16773-2:2016)

Paints and varnishes - Electrochemical impedance spectroscopy (EIS) on coated and uncoated metallic specimens - Part 2: Collection of data (ISO 16773-2:2016)

Osnova: EN ISO 16773-2:2016

ICS: 87.040

This part of ISO 16773 gives guidelines for optimizing the collection of EIS data with focus on high impedance systems. High impedance in the context of intact coatings refers to systems with an impedance greater than 109 Ω·cm². This does not preclude measurements on systems with lower

impedance. For uncoated samples extra information can be found in ISO/TR 16208.

This part of ISO 16773 deals with the following:

- instrumental set-up: requirements and pit-falls;
- data validation: checking the measurement range and the accuracy of the data;
- performing an EIS measurement: specimen considerations and instrumental parameters;
- the experimental results: different methods of presenting EIS data.

These guidelines are intended to ensure the acquisition of EIS data that can be used to study the performance of the specimen. This part of ISO 16773 does not give guidelines for the interpretation of the data.

SIST EN ISO 16773-3:2016

SIST EN ISO 16773-3:2009

2016-07 (po) (en;fr;de) 18 str. (E)

Barve in laki - Elektrokemijska impedančna spektroskopija (EIS) premazanih in nepremazanih kovinskih vzorcev - 3. del: Obdelava in analiza podatkov iz preskusnih celic (ISO 16773-3:2016)
Paints and varnishes - Electrochemical impedance spectroscopy (EIS) on coated and uncoated metallic specimens - Part 3: Processing and analysis of data from dummy cells (ISO 16773-3:2016)

Osnova: EN ISO 16773-3:2016

ICS: 87.040

This part of ISO 16773 specifies a procedure for the evaluation of the experimental set-up used for carrying out EIS on high-impedance coated samples. For this purpose, dummy cells are used to simulate high-impedance coated samples. On the basis of the equivalent circuits described, this part of ISO 16773 gives guidelines for the use of dummy cells to increase confidence in the test protocol, including making measurements, curve fitting and data presentation.

NOTE Due to the nature of the measurements, investigations of high-impedance coated samples are more susceptible to artefacts coming from electromagnetic interferences. Therefore, this part of ISO 16773 considers the aspects for measuring high-impedance samples by using appropriate dummy cells in a Faraday cage. However, most manufacturers offer complementary dummy cells in the low and medium impedance range. This allows checking the setup in the respective low impedance range.

SIST EN ISO 2811-1:2016

SIST EN ISO 2811-1:2011

2016-07 (po) (en;fr;de) 17 str. (E)

Barve in laki - Ugotavljanje gostote - 1. del: Metoda s piknometrom (ISO 2811-1:2016)
Paints and varnishes - Determination of density - Part 1: Pycnometer method (ISO 2811-1:2016)

Osnova: EN ISO 2811-1:2016

ICS: 87.040

This part of ISO 2811 specifies a method for determining the density of paints, varnishes and related products using a metal or Gay-Lussac pycnometer.

The method is limited to materials of low or medium viscosity at the temperature of test. The Hubbard pycnometer (see ISO 3507) can be used for highly viscous materials.

SIST EN ISO 4624:2016

SIST EN ISO 4624:2004

2016-07 (po) (en;fr;de) 19 str. (E)

Barve in laki - Preskušanje oprijema z odtrganjem filma (ISO 4624:2016)
Paints and varnishes - Pull-off test for adhesion (ISO 4624:2016)

Osnova: EN ISO 4624:2016

ICS: 87.040

This International Standard specifies three methods (i.e. one dolly or two dollies on a painted panel and two dollies, one as painted substrate) for determining the adhesion by carrying out a pull-off test on a single coating or a multi-coat system of paint, varnish or related product.

These test methods have been found useful in comparing the adhesion behaviour of different coatings. It is most useful in providing relative ratings for a series of coated panels exhibiting significant differences in adhesion.

The test may be applied using a wide range of substrates. Different procedures are given according to whether the substrate is deformable, for example thin metal, plastics and wood, or rigid, for example thick concrete and metal plates. To avoid distortion of the substrate during the tensile test, it is common to use a sandwich construction. For example, for special purposes, the coating may be applied directly to the face of a test dolly.

SIST EN ISO 7784-1:2016

SIST EN ISO 7784-1:2006
SIST ISO 7784-1:1998

2016-07 (po) (en;fr;de) 15 str. (D)

Barve in laki - Ugotavljanje odpornosti proti obrabi - 1. del: Metoda z brusilnim papirjem na vrteči plošči in rotacijskim preskusnim preskušancem (ISO 7784-1:2016)

Paints and varnishes - Determination of resistance to abrasion - Part 1: Method with abrasive-paper covered wheels and rotating test specimen (ISO 7784-1:2016)

Osnova: EN ISO 7784-1:2016

ICS: 87.040

This part of ISO 7784 specifies a method for determining the resistance to abrasion of coatings, for which two loaded, freely rotatable but eccentrically arranged abrasive-paper covered wheels affect the coating of the rotating test specimens.

SIST EN ISO 7784-2:2016

SIST EN ISO 7784-2:2006
SIST ISO 7784-2:1998

2016-07 (po) (en;fr;de) 15 str. (D)

Barve in laki - Ugotavljanje odpornosti proti obrabi - 2. del: Metoda z vrtečo abrazivno gumeno ploščo in rotacijsko preskusno panelno ploščo (ISO 7784-2:2016)

Paints and varnishes - Determination of resistance to abrasion - Part 2: Method with abrasive rubber wheels and rotating test panel (ISO 7784-2:2016)

Osnova: EN ISO 7784-2:2016

ICS: 87.040

This part of ISO 7784 specifies a method for determining the resistance to abrasion of coatings, for which two loaded, freely rotatable but eccentrically arranged abrasive rubber wheels affect the coating of the rotating test specimen.

SIST EN ISO 7784-3:2016

SIST EN ISO 7784-3:2006

2016-07 (po) (en;fr;de) 16 str. (D)

Barve in laki - Ugotavljanje odpornosti proti obrabi - 3. del: Metoda prekritega kolesa z abrazivnim papirjem in linearno izmenjajočo se preskusno ploščo (ISO 7784-3:2016)

Paints and varnishes - Determination of resistance to abrasion - Part 3: Method with abrasive-paper covered wheel and linearly reciprocating test panel (ISO 7784-3:2016)

Osnova: EN ISO 7784-3:2016

ICS: 87.040

This part of ISO 7784 specifies a method for determining the resistance to abrasion of coatings, for which a loaded, rigid abrasive-paper covered wheel affects the coating of the linearly reciprocating test specimen.

SIST/TC IEMO Električna oprema v medicinski praksi

SIST EN 60601-2-27:2016

2016-07 (po) (en) 76 str. (L)

Medicinska električna oprema - 2-27. del: Posebne varnostne zahteve, vključno z bistvenimi lastnostmi za elektrokardiografsko nadzorno opremo (IEC 60601-2-27:2011)

Medical electrical equipment - Part 2-27: Particular requirements for the basic safety and essential performance of electrocardiographic monitoring equipment (IEC 60601-2-27:2011)

Osnova: EN 60601-2-27:2014

ICS: 11.040.55, 11.040.50

This standard applies to BASIC SAFETY and ESSENTIAL PERFORMANCE of ELECTROCARDIOGRAPHIC (ECG) MONITORING EQUIPMENT as defined in 201.3.65 and hereinafter also referred to as ME EQUIPMENT. This particular standard applies to ME EQUIPMENT used in a hospital environment as well as when used outside the hospital environment, such as in ambulances and air transport. This particular standard also applies to ECG telemetry systems used in a hospital environment. ME EQUIPMENT intended for use under extreme or uncontrolled environmental conditions outside the hospital environment, such as in ambulances and air transport, shall comply with this particular standard. Additional standards may apply to ME EQUIPMENT for those environments of use. This standard is not applicable to electrocardiographic monitors for home use. However, MANUFACTURERS should consider using relevant clauses of this standard as appropriate for their INTENDED USE. Ambulatory ("Holter") monitors, fetal heart rate monitoring, pulse plethysmographic devices, and other ECG recording equipment are outside the scope of this particular standard.

SIST/TC IESV Električne svetilke

SIST EN 60598-2-22:2015/AC:2016

2016-07 (po) (en) 3 str. (AC)

Svetilke - 2-22. del: Posebne zahteve - Svetilke za zasilno razsvetljavo - Popravek AC

Luminaires - Part 2-22: Particular requirements - Luminaires for emergency lighting

Osnova: EN 60598-2-22:2014/AC:2016-05

ICS: 91.160.10, 29.140.40

Popravek k standardu SIST EN 60598-2-22:2015.

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

SIST EN 62722-2-1:2016

2016-07 (po) (en) 23 str. (F)

Tehnične lastnosti svetilk - 2-1. del: Posebne zahteve za LED-svetilke (IEC 62722-2-1:2014)

Luminaire performance - Part 2-1: Particular requirements for LED luminaires (IEC 62722-2-1:2014)

Osnova: EN 62722-2-1:2016

ICS: 29.140.40

This part of IEC 62722 specifies the performance requirements for LED luminaires, together with the test methods and conditions, required to show compliance with this standard. It applies to LED luminaires for general lighting purposes.

The following types of LED luminaires are distinguished.

- Type A - Luminaires using LED modules where compliance with IEC 627171 has been proven.

- Type B - Luminaires using LED modules where compliance with IEC 627171 has not been proven.

- Type C - Luminaires using a LED lamp and covered in IEC 62722-1.

The requirements of this standard only relate to type testing.

This standard does not cover Type C luminaires.

This standard does not cover LED luminaires that intentionally produce coloured light, neither does it cover luminaires using OLEDs (organic LEDs).

These performance requirements are additional to the requirements in IEC 62722-1,

Clauses 1 to 9, except where in this Part 2-1 alternative methods of measurement or limits are specified.

As this standard has been simultaneously developed and edited with the standard for LED modules, where appropriate the compliance of the LED modules to the provisions of IEC 62717 may be transferred to the whole luminaire.

Life time of LED luminaires is in most cases much longer than the practical test times. Consequently, verification of manufacturer's life time claims cannot be made in a sufficiently confident way. For that reason the acceptance or rejection of a manufacturer's life time claim, past 25 % of rated life (with a maximum of 6 000 h), is out of the scope of this standard.

Instead of life time validation, this standard has opted for lumen maintenance categories at a defined finite test time. Therefore, the category number does not imply a prediction of achievable life time. The categories are lumen-depreciation character categories showing behaviour in agreement with manufacturer's information which is provided before the test is started.

In order to validate a life time claim, an extrapolation of test data is needed. A general method of projecting measurement data beyond limited test time is under consideration.

For explanation of recommended life time metrics see IEC 62717, Annex C.

It may be expected that LED luminaires which comply with this standard will start and operate satisfactorily at voltages between 92 % and 106 % of rated supply voltage and at an ambient air temperature within the declared range of the manufacturer.

Evaluation of LOR (light output ratio) for LED luminaire is under consideration.

SIST/TC IHPV Hidravlika in pnevmatika

SIST EN 12760:2016

SIST EN 12760:2000

2016-07 (po) (en;fr;de) 6 str. (B)

Industrijski ventili - Notranji varilni nastavki za jeklene ventile

Industrial valves - Socket welding ends for steel valves

Osnova: EN 12760:2016

ICS: 25.060.01

This European Standard specifies the dimensions of socket welding ends of steel valves designed to be socket welded to standardised pipes in the size range DN 6 to DN 65.

SIST EN 16668:2016

2016-07 (po) (en;fr;de) 49 str. (I)

Industrijski ventili - Zahteve in preskušanje kovinskih ventilov kot tlačnega pribora

Industrial valves - Requirements and testing for metallic valves as pressure accessories

Osnova: EN 16668:2016

ICS: 25.060.01

This European standard applies to metallic valves as pressure accessories for industrial applications with a maximum allowable pressure PS greater than 0,5 bar in accordance with the Pressure Equipment Directive (PED) 97/23/EC and specifies minimum requirements applicable to design, manufacture, testing, materials and documentation.

All essential safety requirements of the Pressure Equipment Directive (PED) 97/23/EC have been taken into consideration and those applicable to valves ~~accessories~~ used in this European standard.

This safety valve and bursting disc (a safety

• safety valve and bursting disc (a safety accessory),

- sight glass with its frames (component of a pressure equipment) and
- measurement chambers,

but may be used for the pressure bearing parts of safety accessories such as bodies, bonnets and covers.

NOTE 1 Safety accessories means devices designed to protect pressure equipment against the allowable limits being exceeded. Requirements for safety devices for protection against excessive pressure, such as safety valves, bursting disc safety devices, safety valves and bursting disc safety devices in combination, controlled safety pressure-relief systems (CSPRS) are defined in relevant standards for safety accessories e.g. EN ISO 4126, EN 14129.

NOTE 2 The word “valve”, be in singular or in plural, hereinafter is synonymous with all items falling within the scope of this European standard as described above.

SIST EN 16767:2016

SIST EN 12354:2001
SIST EN 12354:2001/A1:2004
SIST EN 12354:2001/AC:2005
SIST EN 14341:2007

2016-07 (po) (en;fr;de) 15 str. (D)

Industrijski ventili - Protipovratni ventili iz jeklenih litin

Industrial valves - Steel and cast iron check valves

Osnova: EN 16767:2016

ICS: 25.060.50

This European Standard specifies the requirements for cast iron or steel check valves, which are forged, cast or fabricated in straight, angle or oblique pattern (see EN 736-2) with end connections flanged or wafer, butt welding, socket welding, or threaded. This European standard applies to check valves mainly used for industrial and general purpose applications. However, the DN 125 is used for other applications provided the requirements of the relevant standards are met. Back flow prevention anti-pollution check valves are outside the scope of this standard. The following DN sizes are covered: DN 8, DN 10, DN 12, DN 15, DN 20, DN 25, DN 32, DN 40, DN 50, DN 65, DN 80, DN 100, DN 125, DN 150, DN 200, DN 250, DN 300, DN 350, DN 400, DN 450, DN 500, DN 600, DN 700, DN 750, DN 800, DN 900, DN 1000.

• DN 8, DN 10; DN 12, DN 15; DN 20; DN 25; DN 32; DN 40; DN 50; DN 65; DN 80; DN 100; DN 125; DN 150; DN 200; DN 250; DN 300; DN 350; DN 400; DN 450; DN 500; DN 600; DN 700; DN 750; DN 800; DN 900; DN 1000.

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

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

DN 750 is used for Class designated valves only.

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

The range of pressure designations covered is:

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

- PN 2,5; PN 6; PN 10; PN 16; PN 25;
- Class 125; Class 250;

b) for flanged end, wafer type and butt welding end steel bodies:

- PN 40; PN 65; PN 100;
- Class 150; Class 300; Class 600;

c) for socket welding end steel bodies and threaded end steel bodies:

- PN 40; PN 65; PN 100;
- Class 600; Class 800.

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

SIST/TC IMKG Mehanizacija za kmetijstvo in gozdarstvo

SIST EN ISO 4254-14:2016

2016-07 (po) (en;fr;de) 39 str. (H)

Kmetijski stroji - Varnost - 14. del: Zavite bale (ISO 4254-14:2016)

Agricultural machinery - Safety - Part 14: Bale wrappers (ISO 4254-14:2016)
equipment) and

Osnova: EN ISO 4254-14:2016

ICS: 65.060.50

ass w t h i t s f r a m e s (c o m p o n e n t o f a p r e s s u r e

This standard, to be used together with ISO 4254-1, specifies the safety requirements and their verification for the design and construction of mounted, semi-mounted and trailed bale wrappers for forage bales. In addition, it specifies the type of information on safe working practices, including residual risks, to be provided by the manufacturer.

SIST/TC INEK Neželezne kovine

SIST EN 12449:2016

SIST EN 12449:2012

2016-07 (po) (en;fr;de) 41 str. (I)

Baker in bakrove zlitine - Nevarjene cevi z okroglim prerezom za splošno uporabo

Copper and copper alloys - Seamless, round tubes for general purposes

Osnova: EN 12449:2016

ICS: 77.150.50, 23.040.15

This European Standard specifies the composition, property requirements and tolerances on dimensions and form for seamless round drawn copper and copper alloy tubes for general purposes supplied in the size range from 5 mm up to and including 450 mm outside diameter and from 0,5 mm up to and including 20 mm wall thickness.

The sampling procedures and the methods of test for verification of conformity to the requirements of this European Standard are also specified.

NOTE Tubes having an outside diameter less than 80 mm and/or a wall thickness greater than 2 mm in certain alloys are most frequently used for free machining purposes which are specified in EN 12168.

SIST EN 754-1:2016

SIST EN 754-1:2008

2016-07 (po) (en;fr;de) 17 str. (E)

Aluminij in aluminijeve zlitine - Hladno vlečene palice/drogovi in cevi - 1. del: Tehnični pogoji za pregled in dobavo

Aluminium and aluminium alloys - Cold drawn rod/bar and tube - Part 1: Technical conditions for inspection and delivery

Osnova: EN 754-1:2016

ICS: 77.150.10

This European Standard specifies the technical conditions for inspection and delivery of aluminium and aluminium alloy cold drawn rod/bar and tube for general engineering applications.

This document applies to products which are extruded and then cold drawn.

This document does not apply to:

- forging stock (EN 605),
- products delivered in coils (EN 15958),
- coiled tubes cut to length (EN 15958).

SIST EN 755-2:2016

SIST EN 755-2:2014

2016-07 (po) (en;fr;de) 58 str. (J)

Aluminij in aluminijeve zlitine - Iztiskane palice/drogovi, cevi in profili - 2. del: Mehanske lastnosti

Aluminium and aluminium alloys - Extruded rod/bar, tube and profiles - Part 2: Mechanical properties

Osnova: EN 755-2:2016

ICS: 77.150.10

This European Standard specifies the mechanical property limits resulting from tensile testing applicable to aluminium and aluminium alloy extruded rod/bar, tube and profile.

Technical conditions for inspection and delivery, including product and testing requirements, are specified in EN 755-1. Temper designations are defined in EN 515. The chemical composition limits for these materials are given in EN 573-3.

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

SIST EN 1253-5:2016 SIST EN 1253-3:2000
2016-07 (po) (en;fr;de) **11 str. (C)**
Odtoki v stavbah - 3. del: Vrednotenje skladnosti
Gullies for buildings - Part 3: Evaluation of conformity
Osnova: EN 1253-3:2016
ICS: 91.140.80

This draft European Standard specifies the requirements for evaluation of conformity for floor gullies, roof drains and access covers for buildings to ensure conformity of these products with EN 1253-1, EN 1253-2 and FprEN 1253-4.

SIST EN 1253-4:2016 SIST EN 1253-4:2000
2016-07 (po) (en;fr;de) **7 str. (B)**
Odtoki v stavbah - 4. del: Pokrovi
Gullies for buildings - Part 4: Access covers
Osnova: EN 1253-4:2016
ICS: 91.140.80

This draft European Standard classifies access covers according to their loading strength and specifies requirements relating to their design, construction, marking, testing and evaluation of conformity.

This draft European Standard classifies and specifies requirements for factory made access covers used for drainage systems inside buildings. This draft standard does not apply to access covers intended for external use which are covered by EN 124 series.

SIST EN 12671:2016 SIST EN 12671:2009
2016-07 (po) (en;fr;de) **25 str. (F)**
Kemikalije, ki se uporabljajo za pripravo pitne vode - Klorov dioksid, proizveden na kraju samem
Chemicals used for treatment of water intended for human consumption - Chlorine dioxide generated in situ
Osnova: EN 12671:2016
ICS: 13.060.20, 71.100.80

This document is applicable to chlorine dioxide generated on site for treatment of water intended for human consumption. It describes the characteristics for chlorine dioxide and specifies the composition and the corresponding test methods for chlorine dioxide. It gives information on its use in water treatment. It also determines the rules relating to safe handling and use of chlorine dioxide generated on site

SIST EN 12672:2016 SIST EN 12672:2009
2016-07 (po) (en;fr;de) **18 str. (E)**
Kemikalije, ki se uporabljajo za pripravo pitne vode - Kalijev permanganat
Chemicals used for treatment of water intended for human consumption - Potassium permanganate
Osnova: EN 12672:2016
ICS: 13.060.20, 71.100.80

This European Standard is applicable to potassium permanganate used for treatment of water intended for human consumption. It describes the characteristics of potassium permanganate and specifies the requirements and the corresponding test methods for potassium permanganate. It gives information on its use in water treatment. It also provides general information on potassium permanganate (see Annex A) and determines the rules relating to its safe handling and use (see Annex B).

SIST EN 12678:2016 SIST EN 12678:2008
2016-07 (po) (en;fr;de) **26 str. (F)**
Kemikalije, ki se uporabljajo za pripravo pitne vode - Kalijev peroksoomonosulfat
Chemical used for treatment of water intended for human consumption - Potassium peroxomonosulfate
Osnova: EN 12678:2016
ICS: 15.060.20, 71.100.80

This European Standard is applicable to potassium peroxomonosulfate used for treatment of water intended for human consumption. It describes the characteristics of potassium peroxomonosulfate and specifies the requirements and the corresponding test methods for potassium peroxomonosulfate. It gives information on its use in water treatment.

SIST EN 902:2016 SIST EN 902:2009
2016-07 (po) (en;fr;de) **31 str. (G)**
Kemikalije, ki se uporabljajo za pripravo pitne vode - Vodikov peroksid
Chemicals used for treatment of water intended for human consumption - Hydrogen peroxide
Osnova: EN 902:2016
ICS: 15.060.20, 71.100.80

This document is applicable only to hydrogen peroxide and not to mixtures with other chemicals used for treatment of water intended for human consumption. It describes the characteristics of hydrogen peroxide and specifies the requirements and the corresponding test methods for hydrogen peroxide. It gives information on its use in water treatment. It also determines the rules relating to safe handling and use.

SIST EN 937:2016 SIST EN 937:2009
2016-07 (po) (en;fr;de) **21 str. (F)**
Kemikalije, ki se uporabljajo za pripravo pitne vode - Klor
Chemicals used for treatment of water intended for human consumption - Chlorine
Osnova: EN 937:2016
ICS: 15.060.20, 71.100.80

This European Standard is applicable to chlorine used for treatment of water intended for human consumption. It describes the characteristics of chlorine and specifies the requirements and the corresponding test methods for chlorine. It gives information on its use in water treatment.

SIST EN 938:2016 SIST EN 938:2009
2016-07 (po) (en;fr;de) **32 str. (G)**
Kemikalije, ki se uporabljajo za pripravo pitne vode - Natrijev klorit
Chemicals used for treatment of water intended for human consumption - Sodium chlorite
Osnova: EN 938:2016
ICS: 15.060.20, 71.100.80

This European Standard is applicable to sodium chlorite used for treatment of water intended for human consumption. It describes the characteristics of sodium chlorite and specifies the requirements and the corresponding test methods for sodium chlorite. It gives information on its use in water treatment.

SIST EN 939:2016 SIST EN 939:2009
2016-07 (po) (en;fr;de) **29 str. (G)**
Kemikalije, ki se uporabljajo za pripravo pitne vode - Klorovodikova kislina
Chemicals used for treatment of water intended for human consumption - Hydrochloric acid
Osnova: EN 939:2016
ICS: 15.060.20, 71.100.80

This EN is applicable to hydrochloric acid used for treatment of water intended for human consumption. It describes the characteristics of hydrochloric acid and specifies the requirements and the corresponding test methods for hydrochloric acid. It gives information on its use in water treatment. It also determines the rules relating to safe handling and use of hydrochloric acid.

SIST/TC IPKZ Protikorozijska zaščita kovin

SIST EN 14038-1:2016

SIST-TS CEN/TS 14038-1:2005

2016-07 (po) (en;fr;de) 15 str. (D)

Elektrokemična realkalizacija in postopki kloridne ekstrakcije za armiran beton - 1. del:
Realkalizacija

Electrochemical realkalization and chloride extraction treatments for reinforced concrete - Part 1: Realkalization

Osnova: EN 14038-1:2016

ICS: 91.080.40

This document specifies a procedure for carrying out impressed current electrochemical realkalization of carbonated reinforced concrete in existing structures. It is applicable to atmospherically exposed parts of structures with ordinary reinforcement embedded in concrete. This document does not apply to concrete containing prestressing steel which can suffer hydrogen embrittlement during realkalization, or to concrete containing epoxy-coated or galvanized reinforcement, or if chloride contamination is contributing to reinforcement corrosion. NOTE In case of post-tensioned prestressing concrete, the endangered tendon strands may be shielded by the tendon ducts from unwanted and/ or exceeded polarization into the cathodic range and respective water reduction. Justification The currently available TS 14038-1 is an important legal cornerstone for the application of non-destructive rehabilitation techniques in concrete maintenance. It addresses smaller structures than car parks (eg. facades, locally carbonation induced corrosion issues), where Cathodic Protection (as described in EN ISO 12696) appears to cause too much long-term effort. As other non-destructive rehabilitation methods the standard helps to preserve the environment by avoiding noisy and dusty concrete replacement.

SIST EN ISO 10309:2016

SIST ISO 10309:1999

2016-07 (po) (en;fr;de) 8 str. (B)

Kovinske prevleke - Preskus ugotavljanja poroznosti - Preskus ferroxyl (ISO 10309:1994)

Metallic coatings - Porosity tests - Ferroxyl test (ISO 10309:1994)

Osnova: EN ISO 10309:2016

ICS: 25.220.40

This International Standard specifies a method of revealing pores or other discontinuities, when testing metallic coatings, that are not visibly affected by ferricyanide and chloride ions during the test period and that are cathodic to iron and steel. This method is especially useful for thick, hard chromium coatings used for wear resistance.

NOTE 1 With some coating materials a very thin layer is dissolved by the sodium chloride solution during a 10 minute application period (see 5.2.5). The impact of such dissolution is that potential porosity, i.e. pores that have been covered over by very thin layers, are sometimes re-exposed. Experience has shown that such potential porosity is frequently re-exposed during actual service.

SIST EN ISO 14647:2016

2016-07 (po) (en;fr;de) 16 str. (D)

Kovinske prevleke - Ugotavljanje poroznosti v zlatih prevlekah na kovinskih podlagah - Preskus s hlapi dušikove kisline (ISO 14647:2000)

Metallic coatings - Determination of porosity in gold coatings on metal substrates - Nitric acid vapour test (ISO 14647:2000)

Osnova: EN ISO 14647:2016

ICS: 25.220.40

This International Standard specifies equipment and a method for using nitric acid vapour to determine porosity in gold coatings, particularly electrodeposits and clad metals used on electrical contacts.

This method is designed to show whether the porosity level is less than or greater than some value that, by experience, is considered by the user to be acceptable for the intended application.

It is suitable for inlays or claddings containing 75 % or more of gold, for electrodeposits containing 95 % or more of gold or for substrates of copper, nickel and their alloys that are commonly used in electrical contacts.

The nitric acid vapour test is too severe to be used for gold coatings less than 0,6 µm thick. It is also not suitable for coatings that are less noble than gold or platinum, such as palladium and its alloys, or gold-flashed palladium and its alloys.

Several other porosity testing methods are described in ISO 10308 and in the literature (see e.g. Bibliography, [1] and [2]).

SIST EN ISO 15730:2016

2016-07 (po) (en;fr;de) **16 str. (D)**

Kovinske in druge anorganske prevleke - Elektropoliranje kot sredstvo za glajenje in neaktivnost nerjavnega jekla (ISO 15730:2000)

Metallic and other inorganic coatings - Electropolishing as a means of smoothing and passivating stainless steel (ISO 15730:2000)

Osnova: EN ISO 15730:2016

ICS: 77.140.20, 25.220.20

This International Standard specifies the information to be supplied by the purchaser to the finisher, requirements and test methods for electropolishing as a means of smoothing and passivating stainless steel alloys in the S2XXXX, S3XXXX and S4XXXX series, and the precipitation hardened alloys (see ISO/TR 15510 for information on composition).

SIST EN ISO 2178:2016

SIST EN ISO 2178:1999

2016-07 (po) (en;fr;de) **45 str. (I)**

Nemagnetne prevleke na magnetnih osnovah - Merjenje debeline prevleke - Magnetna metoda (ISO 2178:2016)

Non-magnetic coatings on magnetic substrates - Measurement of coating thickness - Magnetic method (ISO 2178:2016)

Osnova: EN ISO 2178:2016

ICS: 25.220.50, 25.220.40, 17.040.20

This International Standard specifies a method for non-destructive measurements of the thickness of non-magnetizable coatings on magnetizable base metals.

The measurements are tactile and non-destructive on typical coatings. The probe or an instrument with integrated probe is placed directly on the coating to be measured. The coating thickness is displayed on the instrument.

In this International Standard the term "coating" is used for material such as, for example, paints and varnishes, electroplated coatings, enamel coatings, plastic coatings, powder coatings, claddings.

NOTE This method can also be applied to the measurement of magnetizable coatings on non-magnetizable base metals or other materials (see ISO 2361).

SIST EN ISO 2179:2016

2016-07 (po) (en;fr;de) **11 str. (C)**

Elektrolitske prevleke iz kositer-nikljevih zlitin - Specifikacija in preskusne metode (ISO 2179:1986)

Electroplated coatings of tin-nickel alloy - Specification and test methods (ISO 2179:1986)

Osnova: EN ISO 2179:2016

ICS: 25.220.40

This International Standard specifies requirements for electroplated coatings of the intermetallic compound SnNi, with a composition of approximately 65 % (m/m) tin and 35 % (m/m) nickel.

It does not apply to

- a) threaded components;
- b) coatings on sheet, strip or wire in the unfabricated form, or on articles made from them ;
- c) coatings on coil springs ;
- d) electroplating of steels with tensile strength greater than 1 000 MPa₁) (or of corresponding hardness), because such steels are subject to hydrogen embrittlement (see 8.2).

SIST EN ISO 4519:2016

SIST ISO 4519:1999

2016-07 (po) (en;fr;de) 15 str. (D)

Galvansko nanašanje kovinskih in sorodnih prevlek - Naključno vzorčenje za kontrolo kakovosti (ISO 4519:1980)

Electrodeposited metallic coatings and related finishes - Sampling procedures for inspection by attributes (ISO 4519:1980)

Osnova: EN ISO 4519:2016

ICS: 25.220.40

This International Standard establishes sampling plans and procedures for inspection by attributes of electrodeposited metallic coatings. It may be applied to related finishes by agreement between the supplier and the purchaser. It is based on ISO 2859 (see also Addendum 1 to ISO 2859).

The sampling plans in this International Standard are applicable, but not limited, to the inspection of end items, components, materials in process and finished products in storage. The plans are intended primarily to be used for a continuing series of lots, but they may also be used for the inspection of isolated lots. However, the assurance given for isolated lots is lower than that given for a continuing series of lots.

This International Standard is not applicable to the sampling and testing of mechanical fasteners having electrodeposited metallic coatings or related finishes, in all the circumstances for which procedures for these components are specified in ISO 3269.

The sampling plans given in this International Standard are based on AQLs₁) of 1,5 and 4,0 %. Other AQLs may be used if specified in the product specification, in which case reference should be made to ISO 2859 and its Addendum 1.

It is also possible to formulate sampling plans based on inspection by variables.

SIST/TC IPMA Polimerni materiali in izdelki

SIST EN 14814:2016

SIST EN 14814:2007

2016-07 (po) (en;fr;de) 25 str. (F)

Lepila za plastomerne cevne sisteme za tekočine pod tlakom - Specifikacije

Adhesives for thermoplastic piping systems for fluids under pressure - Specifications

Osnova: EN 14814:2016

ICS: 25.040.20, 85.180

This European Standard specifies the functional requirements and test methods for adhesives used for joining the components of unplasticised poly(vinyl chloride) (PVC-U), chlorinated poly(vinyl chloride) (PVC-C), acrylonitrile-butadiene-styrene (ABS) thermoplastic piping systems for fluids under pressure.

It provides for the evaluation of conformity of the adhesive for this EN.

SIST EN ISO 1043-1:2012/A1:2016

2016-07 (po) (en;fr;de) 7 str. (B)

Polimerni materiali - Simboli in kratice - 1. del: Osnovni polimeri in njihove značilnosti (ISO 1043-1:2011/Amd 1:2016)

Plastics - Symbols and abbreviated terms - Part 1: Basic polymers and their special characteristics (ISO 1043-1:2011/Amd 1:2016)

Osnova: EN ISO 1043-1:2011/A1:2016

ICS: 01.075, 83.080.01

Dopolnilo A1:2016 je dodatek k standardu SIST EN ISO 1043-1:2012.

Ta del standarda ISO 1043 opredeljuje kratice za osnovne polimere, ki se uporabljajo za izdelavo polimernih materialov, simbole za sestavne dele teh kratic in simbole za posebne značilnosti polimernih materialov. Zajema le tiste kratice, ki se splošno uporabljajo, pri čemer je cilj standarda preprečiti pojav več kot ene kratice za posamezen polimerni material in pojav več pomenov za posamezno kratico.

SIST EN ISO 1043-4:2000/A1:2016

2016-07 (po) (en;fr;de) 7 str. (B)

Polimerni materiali - Simboli in kratice - 4. del: Zaviralci gorenja (ISO 1043-4:1998/Amd 1:2016)

Plastics - Symbols and abbreviated terms - Part 4: Flame retardants (ISO 1043-4:1998/Amd 1:2016)

Osnova: EN ISO 1043-4:1999/A1:2016

ICS: 01.075, 83.080.01

Dopolnilo A1:2016 je dodatek k standardu SIST EN ISO 1043-4:2000.

Provides uniform symbols for flame retardants added to plastic materials. The symbols are written with the abbreviated term "FR" and one or more succeeding code numbers as given in clause 5. They are used in addition to the symbols for the plastics materials, for plastics material designation and for identification and marking of plastics products

SIST EN ISO 4892-1:2016

SIST EN ISO 4892-1:2001

2016-07 (po) (en;fr;de) 33 str. (H)

Polimerni materiali - Metode izpostavljanja laboratorijskim virom svetlobe - 1. del: Splošna navodila (ISO 4892-1:2016)

Plastics - Methods of exposure to laboratory light sources - Part 1: General guidance (ISO 4892-1:2016)

Osnova: EN ISO 4892-1:2016

ICS: 83.080.01

This part of ISO 4892 provides information and general guidance relevant to the selection and operation of the methods of exposure described in detail in subsequent parts. It also describes general performance requirements for devices used for exposing plastics to laboratory light sources.

Information regarding performance requirements is for producers of artificial accelerated weathering or artificial accelerated irradiation devices.

NOTE In this part of ISO 4892, the term "light source" refers to radiation sources that emit UV radiation, visible radiation, infrared radiation or any combination of these types of radiation.

This part of ISO 4892 also provides information on the interpretation of data from artificial accelerated weathering or artificial accelerated irradiation exposures. More specific information about methods for determining the change in the properties of plastics after exposure and reporting these results is given in ISO 4582.

SIST/TC ISCB Sekundarne celice in baterije

SIST EN 62877-1:2016

2016-07 (po) (en) 15 str. (D)

Elektrolit in voda za oddušne svinčeve akumulatorje - 1. del: Zahteve za elektrolit

Electrolyte and water for vented Lead Acid accumulators - Part 1: Requirements for electrolyte

Osnova: EN 62877-1:2016

ICS: 29.220.20

This part of IEC 62877 applies to electrolyte and their components used for filling vented lead-acid batteries, for example dry charged cells or batteries, and for electrolyte replacement or electrolyte density adjustment of batteries in operation. This international standard defines the composition, purity and properties of electrolyte to be applied where specific instructions from the battery manufacturer are not available.

SIST EN 62877-2:2016

2016-07 (po) (en) 11 str. (C)

Elektrolit in voda za oddušne svinčeve akumulatorje - 2. del: Zahteve za vodo

Electrolyte and water for vented Lead Acid accumulators - Part 2: Requirements for water

Osnova: EN 62877-2:2016

ICS: 29.220.20

This part of IEC 62877 applies to water for use with vented lead-acid cells and batteries, i.e. water for preparation of electrolyte and for topping up cells or batteries.

The purity of refilling water has to meet higher requirements compared to filling electrolyte, because the impurities in the operating electrolyte will be gradually increased by regular addition of water.

This international standard lays down requirements of the composition, purity and properties of water in the absence of specific recommendations from the manufacturer.

SIST/TC ISEL Strojni elementi

SIST EN ISO 10360-10:2016

2016-07 (po) (en;fr;de) 50 str. (I)

Specifikacija geometrijskih veličin izdelka (GPS) - Preskusi sprejemljivosti in ponovnega preverjanja strojev za merjenje koordinat - 10. del: Laserski 3D merilniki za merjenje razdalj točka-točka (ISO 10360-10:2016)

Geometrical product specifications (GPS) - Acceptance and reverification tests for coordinate measuring machines (CMS) - Part 10: Laser trackers for measuring point-to-point distances (ISO 10360-10:2016)

Osnova: EN ISO 10360-10:2016

ICS: 31.260, 17.040.40, 17.040.50

This part of ISO 10360 specifies the acceptance tests for verifying the performance of a Laser Tracker by measuring calibrated test lengths as stated by the manufacturer. It also specifies the reverification tests that enable the user to periodically reverify the performance of the Laser Tracker. The acceptance and reverification tests given in this part of ISO 10360 are applicable only to Laser Trackers utilising a retroreflector as a probing system. Laser Trackers that use interferometry (IFM), absolute distance meter (ADM) measurement, or both may be verified using this part of ISO 10360.

This standard does not explicitly apply to measuring systems that do not use a spherical coordinate frame or to systems that use different probing accessories; however, the parties may apply this part of 10360 to such systems by mutual agreement.

This International Standard specifies:

- performance requirements that can be assigned by the manufacture or the user of the Laser Tracker,
- the manner of execution of the acceptance and reverification tests to demonstrate the stated requirements,
- rules for proving conformance, and
- applications for which the acceptance and reverification tests can be used.

SIST EN ISO 25178-1:2016

2016-07 (po) (en;fr;de) 34 str. (H)

Specifikacija geometrijskih veličin izdelka (GPS) - Tekstura površine: ravna - 1. del: Označevanje površinskih tekstur (ISO 25178-1:2016)

Geometrical product specifications (GPS) - Surface texture: Areal - Part 1: Indication of surface texture (ISO 25178-1:2016)

Osnova: EN ISO 25178-1:2016

ICS: 17.040.40, 17.040.20

This part of ISO 25178 specifies the rules for indication of areal surface texture in technical product documentation (e.g. drawings, specifications, contracts, reports) by means of graphical symbols.

SIST EN ISO 3040:2016

SIST EN ISO 3040:2012

2016-07 (po) (en) 32 str. (G)

Specifikacija geometrijskih veličin izdelka (GPS) - Dimenzioniranje in toleriranje - Konusi (ISO 3040:2016)

Geometrical product specifications (GPS) - Dimensioning and tolerancing - Cones (ISO 3040:2016)

Osnova: EN ISO 3040:2016

ICS: 17.040.10, 17.040.40, 01.100.20

This International Standard specifies graphical indication applicable to a cone (right-angle circular cones) to define its dimensioning or to specify its tolerancing.

For the purposes of this International Standard, the term "cone" relates to right-angle circular cones only (any intersection by a plane perpendicular to the axis of the nominal cone is a circle).

NOTE 1 For simplicity, only truncated cones have been represented in this International Standard. However, this International Standard can be applied to any type of cone within its scope.

NOTE 2 This International Standard is not intended to prevent the use of other methods of dimensioning and tolerancing.

SIST/TC ISS EIT.NZG Naprave za gospodinjstvo

SIST EN 60730-1:2016

SIST EN 60730-1:2012

2016-07 (po) (en)

Avtomatske električne krmilne naprave za uporabo v gospodinjstvu in za podobno uporabo - 1. del: Splošne zahteve

Automatic electrical controls for household and similar use - Part 1: General requirements

Osnova: EN 60730-1:2016

ICS: 97.120

In general, this part of IEC 60730 applies to automatic electrical controls for use in, on, or in association with equipment for household and similar use. The equipment may use electricity, gas, oil, solid fuel, solar thermal energy, etc., or a combination thereof.

NOTE 1 Throughout this standard the word "equipment" means "appliance and equipment."

EXAMPLE 1 Controls for appliances within the scope of IEC 60335.

This International Standard is applicable to controls for building automation within the scope of ISO 16484.

This standard also applies to automatic electrical controls for equipment that may be used by the public, such as equipment intended to be used in shops, offices, hospitals, farms and commercial and industrial applications.

EXAMPLE 2 Controls for commercial catering, heating and air-conditioning equipment. This standard is also applicable to individual controls utilized as part of a control system or controls which are mechanically integral with multifunctional controls having non-electrical outputs.

EXAMPLE 3 Independently mounted water valves, controls in smart grid systems and controls for building automation systems within the scope of ISO 16484-2.

This standard is also applicable to relays when used as controls for IEC 60335 appliances. Additional requirements for the safety and operating values of relays when used as controls for IEC 60335 appliances are contained in Annex U.

NOTE 2 These requirements are referred to in the scope of IEC 61810-1.

NOTE 3 This standard is intended to be used for the testing of any stand-alone relay which is intended to be used as a control of an appliance according to IEC 60335-1. It is not intended to be used for any other stand-alone relay, or to replace the IEC 61810 series of standards.

This standard does not apply to automatic electrical controls intended exclusively for industrial process applications unless explicitly mentioned in the relevant part 2 or the equipment standard.

SIST EN 60730-1:2016/A1:2016

2016-07 (po) (en)

Avtomatske električne krmilne naprave - 1. del: Splošne zahteve

Automatic electrical controls - Part 1: General requirements

Osnova: EN 60730-1:2016/A1:2016

ICS: 97.120

Dopolnilo A1:2016 je dodatek k standardu SIST EN 60730-1:2016.

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This standard does not apply to automatic electrical controls intended exclusively for industrial process applications unless explicitly mentioned in the relevant part 2 or the equipment standard.

SIST/TC ITC Informacijska tehnologija

SIST EN ISO 16278:2016

SIST EN 15521:2008

2016-07

(po)

(en;fr)

25 str. (F)

Zdravstvena informatika - Kategorijska struktura za terminologijo človeške anatomije (ISO 16278:2016)

Health informatics - Categorical structure for terminologies systems of human anatomy (ISO 16278:2016)

Osnova: EN ISO 16278:2016

ICS: 35.240.80, 01.020

The proposed work item will aim to develop an International Standard to define the characteristics of a categorial structure for human anatomy to be used by the healthcare terminological systems with the minimal domain constraints they shall be conformant with for binding these terminologies to the information model of EHR, in order to support the exchange of meaningful information between different EHR using different healthcare terminological systems using human anatomy and different national languages.

Categorial Structures supports interoperability by providing common frameworks with which to

- a) develop terminological systems that are able to be related to each other and
- b) to analyse the properties of different terminological systems to establish the relationship between them.

This standard is applicable to:

- organisations involved with the development or maintenance of terminological systems as defined in ISO 17115 2007 and based on human anatomy namely for multipurpose coding systems on a national or international level
- organisations developing and maintaining software tools allowing natural clinical language expressions analysis, generation and mapping to the main existing healthcare terminological systems.

The European standard EN 15521 2007 will be used as a starting document in relation with his revision within CEN TC 251 .It is intended for use as an integrated part of computer applications and for the electronic healthcare record.The standard itself is not suitable for or intended for use by, the individual clinician or hospital administrator.

SIST EN ISO 17575-1:2016

SIST-TS CEN ISO/TS 17575-1:2010

SIST-TS CEN ISO/TS 17575-1:2010/AC:2014

2016-07

(po)

(en;fr;de)

48 str. (I)

Elektronsko pobiranje pristojbin - Definicija aplikacijskega vmesnika za avtonomne sisteme - 1. del: Zaračunavanje (ISO 17575-1:2016)

Electronic fee collection - Application interface definition for autonomous systems - Part 1: Charging (ISO 17575-1:2016)

Osnova: EN ISO 17575-1:2016

ICS: 35.240.60, 03.220.20

This part of ISO 17575 defines the format and semantics of the data exchange between a Front End (OBE plus optional proxy) and corresponding Back Ends in autonomous toll schemes. It defines the data elements that are used to generate charge reports containing information about the road usage of a vehicle for certain time intervals, sent from the Front End to the Back End. It also defines the data that can be used to re-configure the ongoing process of gathering charge relevant information in the Front End. The scope is shown in Figure 1.

The constitution of the charge report is dependent on configuration data that are assumed to be present in the Front End. The assembly of charge reports can be configured for each individual toll scheme according to local needs. Charge reports generated in accordance with this part of ISO 17575 are consistent with the requirements derived from the architectural concept defined in ISO 17575:2010.

The definitions in this part of ISO 17575 comprise

- reporting data, i.e. data for transferring road usage data from Front End to Back End, including a response from the Back End towards the Front End,

- data for supporting security mechanisms,
- contract data, i.e. data for identifying contractually essential entities,
- road usage data, i.e. data for reporting the amount of road usage,
- account data for managing a payment account,
- versioning data, and
- compliance checking data, i.e. data imported from ISO 12813:2015, which are required in compliance checking communication.

Annex A contains the data type specifications using ASN.1 notation.

The protocol implementation conformity statements (PICS) proforma are provided in Annex B.

Annex C provides a graphical presentation of the structure of the data elements described in Clause 7.

Annex D provides information on how this part of ISO 17575 can be used in EETS environment and how the requirements that are specified in the EU-Decision 2009/750 are addressed by this standard.

SIST EN ISO 17575-2:2016

SIST-TS CEN ISO/TS 17575-2:2010

2016-07 (po) (en;fr;de) 38 str. (H)

Elektronsko pobiranje pristojbin - Definicija aplikacijskega vmesnika za avtonomne sisteme - 2. del: Komunikacija in povezovanje z nižjimi plastmi (ISO 17575-2:2016)

Electronic fee collection - Application interface definition for autonomous systems - Part 2: Communication and connection to the lower layers (ISO 17575-2:2016)

Osnova: EN ISO 17575-2:2016

ICS: 35.240.60, 03.220.20

This part of ISO 17575 defines how to convey all or parts of the data element structure defined in other parts of ISO 17575 over any communication stack and media suitable for this application. It is applicable mostly to mobile communication links (although wired links, i.e. back office connections, can use the same methodology).

To establish a link to a sequence of service calls initializing the communication channel, addressing the reception of the message and forwarding the payload are required. The definition provided in this part of ISO 17575 includes the required communication medium independent services, represented by an abstract application programming interface (API).

The communication interface is implemented as an API in the programming environment of choice for the Front End (FE) system. The specification of the Back End (BE) API is outside the scope of this part of ISO 17575.

The definition of this API in concrete terms is outside of the scope of this part of ISO 17575. This part of ISO 17575 specifies an abstract API that defines the semantics of the concrete API as illustrated in Figure 3 and its protocol implementation conformance statement (PICS) proforma (see Annex B). An example of a concrete API is presented in Annex C. Where no distinction is made between the abstract and concrete communications APIs, the term “communications API” or just “API” can be used.

SIST EN ISO 17575-3:2016

SIST-TS CEN ISO/TS 17575-3:2011

SIST-TS CEN ISO/TS 17575-3:2011/AC:2014

2016-07 (po) (en;fr;de) 128 str. (O)

Elektronsko pobiranje pristojbin - Definicija aplikacijskega vmesnika za avtonomne sisteme - 3. del: Podatki iz sobesedila (ISO 17575-3:2016)

Electronic fee collection - Application interface definition for autonomous systems - Part 3: Context data (ISO 17575-3:2016)

Osnova: EN ISO 17575-3:2016

ICS: 35.240.60, 03.220.20

This part of ISO 17575 defines the content, semantics and format of the data exchange between a Front End (OBE plus optional proxy) and the corresponding Back End in autonomous toll systems. It defines the data elements used to specify and describe the toll context details. Context data are

transmitted from the Back End to the Front End to configure it for the charging processes of the associated toll context.

In ISO 17575, context data is the description of the properties of a single instance of an electronic fee collection (EFC) context. This single instance of an EFC context operates according to one of the basic

tolling principles such as

- road section charging,
- area charging (according to travelled distance or duration of time), and
- cordon charging.

EFC context data comprise a set of rules for charging, including the description of the charged network, the charging principles, the liable vehicles and a definition of the required contents of the charge report.

This set of rules is defined individually for each EFC context according to local needs.

The following data and associated procedures are defined in this part of ISO 17575:

- data providing toll context overview information;
- data providing tariff information (including definitions of required tariff determinants such as vehicle parameters, time classe, etc.);
- data providing context layout information;
- data providing reporting rules information.

This part of ISO 17575 also provides the required definitions and data specifications to be applied when one single toll context is split into more than one toll context partitions. This is applicable to cases where one EFC scheme and the rules applied cannot be described with a single set of context data.

Annex A provides the data type specification using ASN.1 notation.

The protocol implementation conformity statements (PICS) proforma are provided in Annex B.

Annex C provides a graphical presentation of the structure of the toll context data.

Annexes D, E and F contain further information and descriptions, which may support the understanding and the implementation of the rules specified in this part of ISO 17575.

Annex G provides information how this part of ISO 17575 can be used in a European Electronic Toll Service (EETS) environment, with reference to EU Decision 2009/750.

SIST-TP CEN/TR 12896-9:2016

SIST EN 12896:2006

2016-07

(po)

(en)

458 str. (2B)

Javni prevoz - Referenčni podatkovni model - 9. del: Informativna dokumentacija

Public transport - Reference data model - Part 9: Informative documentation

Osnova: CEN/TR 12896-9:2016

ICS: 35.240.60

This Technical Report documents further information related to parts 1, 2 and 3 of version 6 of the "Public Transport – Reference Data Model" (Transmodel) European Standard, EN 12896. This Technical Report will be extended and re-published with additional information when Parts 4, 5, 6, 7, and 8 of the Transmodel standard are published in due course.

The various sections of the document provide

- A Complete Data Dictionary (merging and extending the information contained in each separate Part of the Standard that has been published to date) [chapter 2]
- An overview of the whole of Transmodel to provide an understanding of how the model is structured and how each component model links with other components [chapter 3]
- A set of Frequently Asked Questions to help those new to Transmodel to understand the basics of the Reference Data Model [chapter 4]
- An outline of the main questions which are addressed in a separate web-based on-line tutorial (that itself will be updated from time to time in the light of feedback received from users of the Standard) [chapter 5]
- An Annex providing a table which shows the evolution of the terms used in Transmodel v6 from the previous Transmodel v5.1 and IFOPT European Standards and from the NeTEx Technical Specification [Annex A]

SIST-TS CEN ISO/TS 17426:2016**2016-07 (po) (en;fr;de) 38 str. (H)**

Intelligentni transportni sistemi - Kooperativni sistemi - Kontekstualne hitrosti (ISO/TS 17426:2016)

Intelligent transport systems - Cooperative systems - Contextual speeds (ISO/TS 17426:2016)

Osnova: CEN ISO/TS 17426:2016

ICS: 35.240.60, 03.220.01

Delivering contextual speeds to road users can improve road safety, support traffic management and reduce greenhouse gas emissions.

In a co-operative ITS environment, contextual speeds are context-dependent (e.g. weather conditions), as well as time-specific and road section-specific authorized speeds. Subject to local regulations, they may be regulatory speed limits and/or recommended advisory ones.

This document will define and characterize "contextual speeds" in detail, with use cases. It will also specify the general service requirements for the support of this feature and provide recommendations for the definition of application profiles.

SIST-TS CEN/TS 16614-3:2016**2016-07 (po) (en) 627 str. (2E)**

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

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

Osnova: CEN/TS 16614-3:2016

ICS: 03.220.01, 35.240.60

1.1 General

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

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

1.2 Fares scope

This Part 3 of NeTEx, is specifically concerned with the exchange of fare structures and fare data, using data models that relate to the underlying network and timetable models defined in Part 1 and Part 2 and the Fare Collection data model defined in Transmodel V5.1. See the use cases below for the overall scope of Part 3. In summary, it is concerned with data for the following purposes:

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

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

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

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

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

1.3 Transport modes

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

1.4 Compatibility with existing standards and recommendations

The overall approach for the definition of fares within NeTEx Part 3 follows the approach used by Transmodel V5.1, namely the definition of access rights rather than of just products.

This approach, used in Transmodel V5.1 (Fare Collection data model) to specify the access rights related to the urban public transport (for all urban modes) has been extended to cover access rights for long-distance rail.

NOTE The concepts from Transmodel V5.1 and IFOPT used and/or modified by NeTEx are incorporated into Transmodel V6 to guarantee compatibility and coherence of standards.

SIST-TS CEN/TS 16920:2016

2016-07 (po) (en) **19 str. (E)**

Metodologija preskušanja vplivov na okolje med operativno uporabo evropskih sistemov ABC
Environmental influence testing methodology for operational deployments of European ABC systems

Osnova: CEN/TS 16920:2016

ICS: 19.040, 35.240.15

Considering all these circumstances, the purpose of this document is to specify the ISO/IEC CD 29197 testing methodology for European ABC systems. This specification will cover the following aspects:

- Environmental conditions which influence biometric modalities used for European ABC systems, i.e. temperature, humidity, illumination and noise.
- Specific evaluation conditions to analyse (i.e. specific environmental condition values to analyse) that correspond with the expected European ABC systems operational environment.
- Particular characteristics of European ABC systems in accordance to best practice recommendations for this kind of systems in case of European deployments.

As a consequence, the proposed document will include the following aspects:

- Specific requirements for planning and executing environmental testing evaluations for European ABC systems based on ISO/IEC CD 29197 project
- Definition of the particular environmental parameters and their corresponding measuring points to analyse considering both biometric modalities used for European ABC systems and their intended environment
- Specific requirements to establish and measure such evaluation conditions as well as to establish the baseline performance
- A specification of the biometric performance evaluation including requirements for test population, test protocols, data to record and test results consistent with operational deployments of European ABC systems

SIST-TS CEN/TS 16921:2016

2016-07 (po) (en) **17 str. (E)**

Osebna identifikacija - Omejitev in zakonski profili za uporabo pravnega pregona za mobilne biometrične identifikacijske sisteme

Personal identification - Borders and law enforcement application profiles for mobile biometric identification systems

Osnova: CEN/TS 16921:2016

ICS: 35.240.15

This Technical Specification primarily focuses on biometric aspects of portable verification and identification systems for law enforcement and border control authorities. The recommendations given here will balance the needs of security, ease of access and data protection.

ISO/IEC has published a series of standards dealing with biometric data coding, interfaces, performance tests as well as compliance tests. It is essential for interoperability that all these standards are applied in European deployments. However, ISO/IEC standards do not consider national or regional characteristics; in particular, they do not consider European Union privacy and data protection regulation as well as accessibility and usability requirements.

This Technical Specification extends the ISO standards by emphasizing specific European needs (for example EU data Protection Directive 95/46/EC and European data bases access). The Technical Specification systematically discusses issues to be considered when planning, deploying and using portable identity verification systems and gives recommendations for those types of systems that are or will be in use in Europe.

Communication, infrastructure scalability, and security aspects other than those related to biometrics are not considered. This document also does not consider hardware and security requirements of biometric equipment and does not recommend general identification procedures.

SIST/TC ITEK Tekstil in tekstilni izdelki

SIST EN 13719:2016

SIST EN 13719:2002
SIST EN 13719:2002/AC:2005

2016-07 (po) (en;fr;de) 14 str. (D)

Geotekstilije in geotekstilijam sorodni proizvodi - Ugotavljanje učinkovitosti dolgotrajne zaščite geotekstilij v primeru geotekstilnih ovir

Geotextiles and geotextile-related products - Determination of the long term protection efficiency of geotextiles in contact with geosynthetic barriers

Osnova: EN 13719:2016

ICS: 59.080.70

This European Standard is an index test used to determine the efficiency with which a geotextile or geotextilerelated product will protect a geosynthetic barrier or other contact surface against the mechanical long term effects of static point loads.

The test is performed on the geotextile or geotextile-related product in isolation. It measures the strains experienced by a geotextile or geotextile-related product in contact with a deformable pad.

NOTE Other properties relevant to the protection of geosynthetic barriers against differing actions are covered by other standards, e.g. dynamic perforation is covered in EN 918.

A related performance test simulating specific site conditions is described in Annex B.

SIST EN 14065:2016

SIST EN 14065:2005

2016-07 (po) (en;fr;de) 34 str. (H)

Tekstilije - Tekstilije v postopku pranja - Sistem kontrole biokontaminacije

Textiles - Laundry processed textiles - Biocontamination control system

Osnova: EN 14065:2016

ICS: 59.080.01, 07.100.99

This European Standard describes a risk management approach, called Risk Analysis and Biocontamination Control (RABC), designed to enable laundries to continuously assure the microbiological quality of laundry processed textiles. The RABC approach applies for laundry market sectors where it is necessary to control biocontamination, e.g. pharmaceuticals, medical devices, food, healthcare and cosmetics. The RABC approach excludes those aspects relating to worker safety and sterility of the final product.

SIST EN 16812:2016**2016-07 (po) (en;fr;de) 15 str. (D)**

Tekstilije in tekstilni izdelki - Tekstilije, ki prevajajo elektriko - Ugotavljanje linearne električne upornosti prevodnih prog

Textiles and textile products - Electrically conductive textiles - Determination of the linear electrical resistance of conductive tracks

Osnova: EN 16812:2016

ICS: 59.080.01

This European Standard describes a test method for the determination of the linear electric resistance of conductive tracks for textile structures or intended for application in/ to textiles, e.g. yarns, printed or coated tracks, ropes, ribbons and webbing.

This European Standard is designed for materials showing ohmic behaviour.

This European Standard is designed for conductive tracks where electrical contact between the measurement electrodes and the conductive track is possible.

SIST EN ISO 18254:2016**2016-07 (po) (en;fr;de) 18 str. (E)**

Tekstilije - Metoda za odkrivanje in določevanje alkilfenoletoksilatov (APEO) (ISO 18254:2016)

Textiles - Method for the detection and determination of alkylphenolethoxylates (APEO) (ISO 18254:2016)

Osnova: EN ISO 18254-1:2016

ICS: 59.080.01

This part of ISO 18254 describes analyses that are used to detect extractable alkylphenol ethoxylates (nonylphenol ethoxylates and octylphenol ethoxylates) in textile products. This document provides a method that uses Liquid Chromatograph (LC) with Mass Spectrometry (MS) system to detect and quantify alkylphenol ethoxylates of defined ethoxylate chain length.

SIST/TC ITIV Tiskana vezja in ravnanje z okoljem**SIST EN 62526-20:2016****2016-07 (po) (en) 52 str. (J)**

Plošče tiskanih vezij - 20. del: Tiskana vezja za visoko sijave svetleče diode

Printed boards - Part 20: Printed circuit board for high-brightness LEDs

Osnova: EN 62526-20:2016

ICS: 51.180

This part of IEC 62526 specifies the properties of the printed circuit board (hereafter described as PCB) for high-brightness LEDs. Many aspects of the PCB for high-brightness LEDs are identical with those of ordinary PCBs, therefore, some aspects of this standard also describe general aspects.

SIST/TC IVAR Varjenje**SIST EN ISO 14270:2016**

SIST EN ISO 14270:2002

2016-07 (po) (en;fr;de) 25 str. (F)

Uporovno varjenje - Porušitveno preskušanje zvarov - Mere preskušancev in postopek za mehanizirano luščilno preskušanje uporovnih točkovnih, kolutnih in bradavičnih zvarov (ISO 14270:2016)

Resistance welding - Destructive testing of welds - Specimen dimensions and procedure for mechanized peel testing resistance spot, seam and embossed projection welds (ISO 14270:2016)

Osnova: EN ISO 14270:2016

ICS: 25.160.40

This International Standard specifies specimen dimensions and a testing procedure for mechanized peel testing of single spot, seam and embossed projection welds, in overlapping sheets, in any metallic material of thickness 0,5 mm to 3 mm, where the welds have a maximum diameter of $7\sqrt{t}$ (where t is the sheet thickness in mm).

For welds of diameter between $5\sqrt{t}$ and $7\sqrt{t}$, the peel strength values obtained may be lower than expected when using the recommended test specimen dimensions because the test specimen width is designed for welds of diameter of $5\sqrt{t}$ or less.

The object of mechanized peel testing is to determine the peel strength that the test specimen can sustain.

SIST EN ISO 14272:2016

SIST EN ISO 14272:2002

2016-07 (po) (en;fr;de) 18 str. (E)

Mere vzorcev in postopek za križno natezno preskušanje uporovnih točkovnih in bradavičnih zvarov (ISO 14272:2016)

Specimen dimensions and procedure for cross tension testing resistance spot and embossed projection welds (ISO 14272:2016)

Osnova: EN ISO 14272:2016

ICS: 25.160.40

This International Standard specifies specimen dimensions and a testing procedure for the cross tension testing of spot and projection welds in overlapping sheets in any metallic material of thickness 0,5 mm to 3 mm, where the welds have a maximum diameter of $7\sqrt{t}$ (where t is the sheet thickness in mm).

The object of cross tension testing is to determine the tensile force that the test specimen can sustain.

SIST EN ISO 14273:2016

SIST EN ISO 14273:2002

2016-07 (po) (en;fr;de) 16 str. (D)

Mere vzorcev in postopek za strižno preskušanje uporovnih točkovnih, kolutnih in bradavičnih zvarov (ISO 14273:2016)

Specimen dimensions and procedure for shear testing resistance spot, seam and embossed projection welds (ISO 14273:2016)

Osnova: EN ISO 14273:2016

ICS: 25.160.40

This International Standard specifies specimen dimensions and a testing procedure for tensile shear testing of spot and embossed projection welds, in overlapping sheets, in any metallic material of thickness 0,5 mm to 10 mm, where the welds have a maximum diameter of $7\sqrt{t}$ (where t is the sheet thickness in mm).

The object of tensile shear testing is to determine the tensile shear force that the test specimen can sustain.

SIST EN ISO 15614-8:2016

SIST EN ISO 15614-8:2003

2016-07 (po) (en;de) 29 str. (G)

Specifikacija in kvalifikacija varilnih postopkov za kovinske materiale - Preskus varilnega postopka - 8. del: Varjenje cevi na cevne plošče (ISO 15614-8:2016)

Specification and qualification of welding procedures for metallic materials - Welding procedure test - Part 8: Welding of tubes to tube-plate joints (ISO 15614-8:2016)

Osnova: EN ISO 15614-8:2016

ICS: 25.160.10

This part of ISO 15614 specifies requirements for the qualification testing of welding procedures for the arc welding of tube to tube-plate joints in metallic materials by manual, partly mechanized, fully mechanized, or automatic processes.

This part of ISO 15614 is a part of a series of standards. Details of this series are given in ISO 15607,

Annex A.

Qualification by tube to tube-plate joint tests can be used for all joints even if they are fully loaded or only seal welded as required in application standards.

This part of ISO 15614 applies to fusion welding of metallic materials for tube to tube-plate joints with a remaining gap between the tube and the tube-plate for some length of the tube-plate thickness.

This part of ISO 15614 does not apply to tube-sheets with forged end connections with welded tubes (external/internal bore welds).

For welding of tube to tube-plate joints with mechanical expansion which is load bearing, welding procedure test is to be defined. For other applications and/or requirements, this part of ISO 15614 can be used if required by the specification. Repair welding is to be considered in the welding procedure test.

SIST EN ISO 17662:2016

SIST EN ISO 17662:2005

2016-07 (po) (en;fr;de)

36 str. (H)

Varjenje - Umerjanje, preverjanje in validacija opreme za varjenje, vključno s pomožnimi dejavnostmi (ISO 17662:2016)

Welding - Calibration, verification and validation of equipment used for welding, including ancillary activities (ISO 17662:2016)

Osnova: EN ISO 17662:2016

ICS: 25.160.30

This International Standard specifies requirements for calibration, verification and validation of equipment used for

— control of process variables during fabrication, and

— control of the properties of equipment used for welding or welding allied processes

where the resulting output cannot be readily or economically documented by subsequent monitoring, inspection and testing. This involves process variables influencing the fitness-for-purpose and in particular the safety of the fabricated product.

NOTE 1 This International Standard is based on the lists of process variables stated in International

Standards for specification of welding procedures, in particular, but not exclusively in the ISO 15609- series.

Future revisions of these International Standards can result in addition or deletion of parameters considered necessary to specify.

Some guidance is, in addition, given in Annex B as regards requirements for calibration; verification and validation as part of acceptance testing of equipment used for welding or allied processes.

Requirements to calibrate, verify and validate as part of inspection, testing, non-destructive testing or measuring of final welded products performed in order to verify confirm product compliance are outside the scope of the present International Standard.

The subject of this International Standard is limited to calibration, verification and validation of equipment after installation, as part of the workshops' and site operations for maintenance and/or operation.

It needs to be stressed that this International Standard has nothing to do with manufacture and installation of equipment for welding. Requirements for new equipment are formulated in directives and product codes (standards), as necessary.

Annex C provides information when other parties are involved in calibration, verification and validation activities.

SIST EN ISO 17916:2016**2016-07 (po) (en;fr;de) 37 str. (H)**

Varnost strojev za toplotno rezanje (ISO 17916:2016)

Safety of thermal cutting machines (ISO 17916:2016)

Osnova: EN ISO 17916:2016

ICS: 25.160.30

This standard specifies the safety requirements and measures for machinery covering design, construction, production, transport, installation, operation, maintenance and putting out of service. This standard applies to machinery using thermal cutting processes such as oxy-fuel cutting, plasma arc cutting or laser cutting. This standard applies to machinery the basis of which is either designed as open gantry machine or the track of which is incorporated in the cutting table or in a casing. Risks arising from laser radiation, except those caused by position indicating lasers are not covered by this standard. Cutting machines that combine cutting processes are partly covered by this standard. In addition process-related standards may be applicable.

SIST EN ISO 669:2016**2016-07 (po) (en;fr;de) 46 str. (I)**

Uporovno varjenje - Oprema za uporovno varjenje - Mehanske in električne zahteve (ISO 669:2016)

Resistance welding - Resistance welding equipment - Mechanical and electrical requirements (ISO 669:2016)

Osnova: EN ISO 669:2016

ICS: 25.160.30

This International Standard defines and specifies the [general] electrical and mechanical characteristics for equipment used for: Resistance spot welding; Projection welding; Resistance seam welding; Resistance butt welding; This Standard includes information to be given in equipment specifications, and specifies the test methods to be used for measuring those characteristics. This International Standard applies to resistance welding equipment, to guns with integrated transformers and to complete movable welding equipment. The following types are included: - single phase equipment with alternating welding current; - single phase equipment with rectified welding current by rectification of the output of the welding transformer; - single phase equipment with inverter welding transformer; - three phase equipment with rectified welding current by rectification of the output of the welding transformer; - three phase equipment with a current rectification in the input of the welding transformer (sometimes called frequency convertor); - three phase equipment with inverter welding transformers. This Standard does not apply to welding transformers separate from the equipment. Electrical safety requirements for resistance welding equipment are covered by IEC 62135-1.

SIST-TS CEN ISO/TS 18166:2016**2016-07 (po) (en;fr;de) 27 str. (G)**

Numerična simulacija varjenja - Izvedba in dokumentacija (ISO/TS 18166:2016)

Numerical welding simulation - Execution and documentation (ISO/TS 18166:2016)

Osnova: CEN ISO/TS 18166:2016

ICS: 25.160.01

This standard deals with a basic approach to the execution and documentation of a numerical welding simulation aimed at computational representation of the welding process itself and at its impact on the properties of a welded structure. A pertinent generally valid structure is presented that is independent of both the solution method and the concrete software. It offers assistance to the users in choosing the appropriate method depending on the welding process (as specified in EN ISO 4063) to be calculated and on the desired simulation result. It additionally provides a basis for getting familiarized with the numerical welding simulation in various branches of industry and accordingly refers to respective examples in subordinate secondary documents. It can also be employed for preparing requirements specifications or submitting bids and gives both the customers and the tenderers a lead for specifying the scope of supply and service.

SIST/TC IŽNP Železniške naprave

SIST EN 15230-1:2016

SIST EN 15230-1:2009

2016-07 (po) (en)

37 str. (H)

Železniške naprave - Zgornji ustroj proge - Betonski pragi in kretniški betonski pragi - 1. del:
Splošne zahteve

Railway applications - Track - Concrete sleepers and bearers - Part 1: General requirements

Osnova: EN 15230-1:2016

ICS: 45.080, 91.100.50

This part of EN 15230 defines technical criteria and control procedures which have to be satisfied by the constituent materials and the finished concrete sleepers and bearers, i.e.: precast concrete sleepers, bearers for switches and crossings, and special elements for railway tracks.

The main requirement of concrete sleepers and bearers is the transmission of vertical, lateral and longitudinal loads from the rails to the ballast or other support. In use they are also exposed to frost damage and to moisture, which can result in detrimental chemical reactions within the sleeper.

In this standard mechanical tests are defined which provide assurance of the capability of sleepers or bearers to resist repetitive loading and provide sufficient durability. In addition controls are placed on manufacturing processes and tests to ensure that the concrete will not suffer degradation in service through chemical reaction and frost damage.

SIST EN 15230-2:2016

SIST EN 15230-2:2009

2016-07 (po) (en)

25 str. (F)

Železniške naprave - Zgornji ustroj proge - Betonski pragi in kretniški betonski pragi - 2. del:
Enodelni prednapeti betonski pragi

Railway applications - Track - Concrete sleepers and bearers - Part 2: Prestressed monoblock sleepers

Osnova: EN 15230-2:2016

ICS: 45.080, 91.100.50

This part of EN 15230 defines additional technical criteria and control procedures related to manufacturing and testing prestressed monoblock sleepers.

SIST EN 15230-3:2016

SIST EN 15230-3:2009

2016-07 (po) (en)

28 str. (G)

Železniške naprave - Zgornji ustroj proge - Betonski pragi in kretniški betonski pragi - 3. del:
Dvodelni armiranobetonski pragi

Railway applications - Track - Concrete sleepers and bearers - Part 3: Twin-block reinforced sleepers

Osnova: EN 15230-3:2016

ICS: 45.080, 91.100.50

This part of EN 15230 defines technical criteria and control procedures for manufacturing and testing twin block reinforced concrete sleepers.

SIST EN 15230-4:2016

SIST EN 15230-4:2009

2016-07 (po) (en)

21 str. (F)

Železniške naprave - Zgornji ustroj proge - Betonski pragi in kretniški betonski pragi - 4. del:
Prednapeti betonski pragi za kretnice in križišča

Railway applications - Track - Concrete sleepers and bearers - Part 4: Prestressed bearers for switches and crossings

Osnova: EN 15230-4:2016

ICS: 45.080, 91.100.50

This part of EN 13230 defines additional technical criteria and control procedures as well as specific tolerance limits related to manufacturing and testing prestressed bearers for switches and crossings with a maximum length of 8,5 m. Bearers longer than 8,5 m are considered as special elements and shall comply with prEN 13230-5:2014.

SIST EN 13230-5:2016

SIST EN 13230-5:2009

2016-07 (po) (en) 8 str. (B)

Železniške naprave - Zgornji ustroj proge - Betonski pragi in kretniški betonski pragi - 5. del: Posebne oblike pragov

Railway applications - Track - Concrete sleepers and bearers - Part 5: Special elements

Osnova: EN 13230-5:2016

ICS: 45.080, 91.100.30

This part of EN 13230 defines additional technical criteria and control procedures for manufacturing and testing special elements.

SIST EN 16727-2-2:2016

2016-07 (po) (en) 22 str. (F)

Železniške naprave - Zgornji ustroj proge - Protihrupne ovire in pripadajoče naprave, ki vplivajo na širjenje zvoka v zraku - Neakustične lastnosti - 2-2. del: Mehanske lastnosti pri dinamičnih obremenitvah zaradi mimo vozečih vlakov - Izračun

Railway applications - Track - Noise barriers and related devices acting on airborne sound propagation - Non-acoustic performance - Part 2-2: Mechanical performance under dynamic loadings caused by passing trains - Calculation method

Osnova: EN 16727-2-2:2016

ICS: 93.100, 17.140.30

This European standard defines the loading, the relevant load model positions and the internal forces of noise barriers caused by the air pressure wave of passing trains based on EN 1991-2 Eurocode 1, clause 6.6.2. The vertical and horizontal shape of the air pressure wave and the dynamic effects have been taken into account. The calculation method described in this European standard has been developed for noise barriers having a post-panel structure with pile foundations and can also be used for claddings attached to rigid structures. For pile-founded structures an empirical formula for the determination of the natural frequency is given in Annex A, and in Annex B an example of use is shown.

SIST EN 16729-1:2016

2016-07 (po) (en) 40 str. (H)

Železniške naprave - NDT na progi - 1. del: Zahteve za ultrazvočni pregled in merila za ovrednotenje

Railway applications - NDT on rails in track - Part 1: Requirements for ultrasonic inspection and evaluation principles

Osnova: EN 16729-1:2016

ICS: 93.100

This document applies to testing of rails installed in track for detecting internal rail defects. The document applies to measuring equipment fitted to dedicated test vehicles or trolleys. This standard does not define the requirements for vehicle acceptance. This document does not deal with production testing of rails in a production plant. The document specifies the requirements for measuring principles and systems in order to produce comparable test results in respect of location, type and size of rail defects. This standard is not aiming to give any guidelines for managing the results of ultrasonic rail testing.

SIST/TC KAT Kakovost tal

SIST EN 16318:2013+A1:2016

SIST EN 16318:2013/oprA1:2015

SIST EN 16318:2015

2016-07 (po) (en;fr;de) 19 str. (E)

Gnojila in sredstva za apnjenje - Določevanje kroma (VI) s fotometrijo (metoda A) in z ionsko kromatografijo s spektrofotometrijsko detekcijo (metoda B)

Fertilizers and liming materials - Determination of chromium(VI) by photometry (method A) and by ion chromatography with spectrophotometric detection (method B)

Osnova: EN 16318:2013+A1:2016

ICS: 71.040.50, 65.080

This European Standard specifies two methods for the determination of the content of soluble chromate in fertilizers and liming materials.

Method A specifies the determination of chromate after extraction with water by photometry. This method can be used to determine Cr(VI)-mass fractions in solids higher than 1 mg/kg.

Method B specifies the determination of chromate by alkaline digestion and ion chromatography with spectrophotometric detection. This method can be used to determine Cr(VI)-mass fractions in solids higher than 0,1 mg/kg.

NOTE 1 In case of reducing or oxidizing fertilizer matrix, no valid Cr(VI) content can be reported.

NOTE 2 The term fertilizer is used throughout the body of this European Standard and includes liming materials unless otherwise indicated.

SIST/TC KON.005 Lesene konstrukcije - EC 5

SIST EN 16737:2016

2016-07 (po) (en;fr;de) 21 str. (F)

Konstruktivski les - Vizualno razvrščanje tropskega lesa po trdnosti

Structural timber - Visual strength grading of tropical hardwood

Osnova: EN 16737:2016

ICS: 79.040

This document specifies a method of strength grading tropical hardwood visually for structural use. This method is only suitable for pieces of timber with rectangular cross-section that is constant along their length.

SIST/TC KŽP Kmetijski pridelki in živilski proizvodi

SIST EN 16889:2016

2016-07 (po) (en;fr;de) 12 str. (C)

Higiena živil - Priprava in dostava toplih napitkov iz naprav za tople napitke - Higijenske zahteve, migracijski preskus

Food hygiene - Production and dispense of hot beverages from hot beverage appliances - Hygiene requirements, migration test

Osnova: EN 16889:2016

ICS: 97.040.50, 67.160.01

This European Standard specifies hygiene requirements which establish prerequisites for production of hot beverages, such as coffee and coffee specialities, tea, cocoa and dairy beverages from hot beverage appliances for commercial and household use in conformity with the food hygiene regulations and for placing on the market. Appliances for self-service are within the scope of this standard.

For this purpose, this standard specifies general hygienic requirements for the construction, material and operation of the appliances concerned. It contains, in particular, requirements for

hygienic and professional operation, for cleaning, disinfection and descaling as well as requirements for a migration test.

This European Standard applies to appliances before their entering on the market (new machines) and it also gives an informative Annex for appliances already in use (see Annex A).

This European Standard does not deal with any requirements relevant to work safety. This European Standard deals neither with electrical safety nor with performance requirements. EN 60335-2-15 and EN 60335-2-75 have to be used for commercially used appliances. Methods for measuring the performance of electric household coffee makers are provided in EN 60661.

SIST EN ISO 662:2016

SIST EN ISO 662:2001

2016-07 (po) (en)

14 str. (D)

Rastlinske in živalske maščobe in olja - Določevanje vlage in hlapnih snovi (ISO 662:2016)

Animal and vegetable fats and oils - Determination of moisture and volatile matter content (ISO 662:2016)

Osnova: EN ISO 662:2016

ICS: 67.200.10

This European Standard specifies hygiene requirements which establish prerequisites for production of hot beverages, such as coffee and coffee specialities, tea, cocoa and dairy beverages from hot beverage appliances for commercial and household use in conformity with the food hygiene regulations and for placing on the market. Appliances for self-service are within the scope of this standard.

For this purpose, this standard specifies general hygienic requirements for the construction, material and operation of the appliances concerned. It contains, in particular, requirements for hygienic and professional operation, for cleaning, disinfection and descaling as well as requirements for a migration test.

This European Standard applies to appliances before their entering on the market (new machines) and it also gives an informative Annex for appliances already in use (see Annex A).

This European Standard does not deal with any requirements relevant to work safety. This European Standard deals neither with electrical safety nor with performance requirements. EN 60335-2-15 and EN 60335-2-75 have to be used for commercially used appliances. Methods for measuring the performance of electric household coffee makers are provided in EN 60661.

SIST EN ISO 8968-4:2016

SIST EN ISO 8968-4:2002

SIST EN ISO 8968-4:2002/AC:2012

SIST EN ISO 8968-5:2002

2016-07 (po) (en)

20 str. (E)

Mleko in mlečni proizvodi - Določevanje vsebnosti dušika - 4. del: Določevanje vsebnosti beljakovinskega in nebeljakovinskega dušika ter izračun dejanske vsebnosti beljakovin (referenčna metoda) (ISO 8968-4:2016)

Milk and milk products - Determination of nitrogen content - Part 4: Determination of protein and non-protein nitrogen content and true protein content calculation (Reference method) (ISO 8968-4:2016)

Osnova: EN ISO 8968-4:2016

ICS: 67.100.10

This part of ISO 8968|IDF 20 specifies a method for the direct and indirect determination of the protein nitrogen content of liquid, whole or skimmed milk.

SIST/TC MOC Mobilne komunikacije

SIST EN 300 433 V2.1.1:2016

2016-07 (po) (en) 45 str. (I)

Radijska oprema CB - Harmonizirani standard, ki zajema bistvene zahteve člena 3.2 direktive 2014/53/EU

Citizens' Band (CB) radio equipment - Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU

Osnova: ETSI EN 300 433 V2.1.1 (2016-05)

ICS: 33.060.01

The present document covers the technical requirements for transmitters and receivers used in stations of angle modulated, Double Side Band (DSB) modulated and/or Single Side Band (SSB) modulated Citizens' Band (CB) radio equipment operating in all or part of the frequency band 26,960 MHz to 27,410 MHz with a channel spacing of 10 kHz, and intended for analogue speech and/or data transmission.

Citizens' Band radio equipment operation is in accordance with ECC Decision (11)05 on the harmonised use of frequencies for Citizens' Band (CB) radio equipment [i.2].

Any equipment using national regulations on Citizens' Band (CB) permitting the use of channels outside of the carrier frequencies shown in table 1 within the frequency range from 26 MHz to 28 MHz can use the present document.

The types of equipment covered by the present document are as follows:

- Base station: equipment fitted with antenna connector.
- Mobile station: equipment fitted with antenna connector.
- Hand portable stations:

a) either fitted with an antenna connector; or

b) without an external antenna connector but fitted with a permanent internal or a temporary internal 50 Ω RF connector which allows access to the transmitter output and the receiver input.

Hand portable station equipment without an external or internal Radio Frequency (RF) connector and without the possibility of having a temporary internal 50 Ω RF connector is not covered by the present document (integral antenna equipment).

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" and that "...radio equipment supports certain features ensuring access to emergency services".

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.4] may apply to equipment within the scope of the present document.

SIST EN 301 839 V2.1.1:2016

2016-07 (po) (en) 52 str. (J)

Aktivni medicinski vsadki ultra majhnih moči (ULP-AMI) in pripadajoče periferne naprave (ULP-AMI-P), ki delujejo v frekvenčnem območju od 402 MHz do 405 MHz - Harmonizirani standard, ki zajema bistvene zahteve člena 3.2 direktive 2014/53/EU

Ultra Low Power Active Medical Implants (ULP-AMI) and associated Peripherals (ULP-AMI-P) operating in the frequency range 402 MHz to 405 MHz - Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU

Osnova: ETSI EN 301 839 V2.1.1 (2016-04)

ICS: 11.040.40, 33.060.20

The present document applies to the following radio equipment types:

- Ultra Low Power Active Medical Implants (ULP-AMI).
- Ultra Low Power Active Medical Implant Peripherals (ULP-AMI-P).

The present document contains the technical characteristics for ULP-AMI and ULP-AMI-P radio equipment which is also addressed by ERC/DEC (01)17 [i.1].

It applies to ULP-AMI devices and accessories ULP-AMP-P operating in the frequency band 402 MHz to 405 MHz:

- for telecommand and telemetry to/from an AIMD in a patient's body to an ULP-AMI-P; or
- for telecommand and telemetry to/from an AIMD to another AIMD within the human body.

The present document contains requirements to demonstrate that Ultra Low Power Active Medical Implants (ULP-AMI) and Peripherals (ULP-AMI-P) used in a Medical Implant Communications Service (MICS) "... shall be so constructed that it both effectively uses and supports the efficient use of radio spectrum in order to avoid harmful interference" (article 3.2 of the Directive 2014/53/EU) [i.2]. It does not necessarily include all the characteristics, which may be required by a user, nor does it necessarily represent the optimum performance achievable.

SIST EN 301 908-11 V11.1.1:2016

2016-07 (po) (en) 32 str. (G)

Celična omrežja IMT - Harmonizirani standard, ki zajema bistvene zahteve člena 3.2 direktive 2014/53/EU - 11. del: Ponavljalniki 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 11: CDMA Direct Spread (UTRA FDD) Repeaters

Osnova: ETSI EN 301 908-11 V11.1.1 (2016-05)

ICS: 35.070.99, 35.060.99

The present document applies to the following equipment types:

1. Repeaters for IMT-2000 CDMA Direct Spread (UTRA FDD)

The present document covers requirements for UTRA FDD Repeater for Releases 4, 5, 6, 7, 8, 9, 10 and 11. This includes the requirements for Repeater operating bands from 3GPP Release 12. In addition, the present document covers requirements for UTRA Repeater in the operating bands specified in ETSI TS 102 735 [i.9].

The present document contains requirements to demonstrate that Radio equipment both effectively uses and supports

2. the efficient use of radio spectrum in order to avoid harmful interference.

SIST EN 301 908-12 V7.1.1:2016

2016-07 (po) (en) 26 str. (F)

Celična omrežja IMT - Harmonizirani standard, ki zajema bistvene zahteve člena 3.2 direktive 2014/53/EU - 12. del: Ponavljalniki s CDMA z več nosilnimi frekvencami ("Multi-Carrier") (CDMA2000)

IMT cellular networks - Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU - Part 12: CDMA Multi-Carrier (cdma2000) Repeaters

Osnova: ETSI EN 301 908-12 V7.1.1 (2016-05)

ICS: 35.060.99

The present document applies to the following equipment types:

1) Repeaters for IMT-2000 CDMA multi-carrier (cdma2000)

Repeaters for IMT-2000 CDMA multi-carrier (cdma2000) may support:

1) operation in cdma2000 spread spectrum systems as defined in 3GPP2 C.S0002-F [i.5], referred to herein as operation in Type 1 cdma2000 systems; or

2) operation in cdma2000 High Rate Packet Data Systems as defined in TIA-856 [i.6], referred to herein in Type 2 cdma2000 systems.

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 301 908-14 V11.1.1:2016

2016-07 (po) (en) 85 str. (M)

Celična omrežja IMT - Harmonizirani standard, ki zajema bistvene zahteve člena 3.2 direktive 2014/53/EU - 14. del: Bazne postaje za razviti prizemni radijski dostop za UMTS (E-UTRA)
IMT cellular networks - Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU - Part 14: Evolved Universal Terrestrial Radio Access (E-UTRA) Base Stations (BS)

Osnova: ETSI EN 301 908-14 V11.1.1 (2016-05)

ICS: 33.070.99, 33.060.99

The present document applies to the following radio equipment types:

1) Base Station for Evolved Universal Terrestrial Radio Access (E-UTRA).

The present document covers requirements for E-UTRA Base Stations for 3GPP Release 8, 9, 10 and 11. This includes the requirements for E-UTRA Base Station operating bands and E-UTRA CA operating bands from 3GPP Release 12.

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 301 908-15 V11.1.1:2016

2016-07 (po) (en) 37 str. (H)

Celična omrežja IMT - Harmonizirani standard, ki zajema bistvene zahteve člena 3.2 direktive 2014/53/EU - 15. del: Ponavljalniki za razviti prizemni radijski dostop za UMTS (E-UTRA FDD)
IMT cellular networks - Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU - Part 15: Evolved Universal Terrestrial Radio Access (E-UTRA FDD) Repeaters

Osnova: ETSI EN 301 908-15 V11.1.1 (2016-05)

ICS: 33.070.99, 33.060.99

The present document applies to the following equipment types:

1) Repeaters for Evolved Universal Terrestrial Radio Access (E-UTRA) (FDD).

The present document covers requirements for E-UTRA Repeaters for Release 8, 9, 10 and 11. This includes the requirements for E-UTRA Repeater operating bands and E-UTRA CA operating bands from 3GPP Release 12.

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 301 908-19 V6.3.1:2016

2016-07 (po) (en) 39 str. (H)

Celična omrežja IMT - Harmonizirani standard, ki zajema bistvene zahteve člena 3.2 direktive 2014/53/EU - 19. del: Uporabniška oprema TDD OFDMA TDD WMAN (mobilni WiMAX™)
IMT cellular networks - Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU - Part 19: OFDMA TDD WMAN (Mobile WiMAX™) TDD User Equipment (UE)

Osnova: ETSI EN 301 908-19 V6.3.1 (2016-05)

ICS: 33.070.99, 33.060.99

The present document applies to the following radio equipment type:

• User Equipment for IMT-2000 OFDMA TDD WMAN (Mobile WiMAX™) operating in TDD mode.

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 301 908-20 V6.3.1:2016**2016-07 (po) (en) 37 str. (H)**

Celična omrežja IMT - Harmonizirani standard, ki zajema bistvene zahteve člena 3.2 direktive 2014/53/EU - 20. del: Bazne postaje TDD OFDMA TDD WMAN (mobilni WiMAX™)

IMT cellular networks - Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU - Part 20: OFDMA TDD WMAN (Mobile WiMAX™) TDD Base Stations (BS)

Osnova: ETSI EN 301 908-20 V6.3.1 (2016-05)

ICS: 33.070.99, 33.060.99

The present document applies to the following radio equipment type:

- Base stations for IMT-2000 OFDMA TDD WMAN (Mobile WiMAX™) operating in TDD mode.

The requirements in the present document apply to both Wide Area Base Stations and Local Area Base Stations unless otherwise stated.

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 301 908-21 V6.1.1:2016**2016-07 (po) (en) 38 str. (H)**

Celična omrežja IMT - Harmonizirani standard, ki zajema bistvene zahteve člena 3.2 direktive 2014/53/EU - 21. del: Uporabniška oprema FDD OFDMA TDD WMAN (mobilni WiMAX™)

IMT cellular networks - Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU - Part 21: OFDMA TDD WMAN (Mobile WiMAX™) FDD User Equipment (UE)

Osnova: ETSI EN 301 908-21 V6.1.1 (2016-05)

ICS: 33.070.99, 33.060.99

The present document applies to the following radio equipment type:

- Mobile WiMAX™ FDD User Equipment for IMT-OFDMA TDD WMAN.

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 V11.1.1:2016**2016-07 (po) (en) 63 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 V11.1.1 (2016-05)

ICS: 33.070.99, 33.060.99

The present document applies to the following equipment types:

- 1) Stations for IMT 2000 CDMA Direct Spread (UTRA FDD).

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 303 098 V2.1.1:2016

2016-07 (po) (en) 45 str. (I)

Pomorski osebni javljalniki lokacije majhne moči z uporabo AIS - Harmonizirani standard, ki zajema bistvene zahteve člena 3.2 direktive 2014/53/EU

Maritime low power personal locating devices employing AIS - Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU

Osnova: ETSI EN 303 098 V2.1.1 (2016-05)

ICS: 47.020.70, 33.100.01, 33.060.99

The present document lays down the minimum requirements for low power maritime personal locating devices employing AIS. The present document does not cover requirements for the integrated GNSS receiver providing locating function.

The present document incorporates the relevant provisions of the International Telecommunication Union (ITU) radio regulations [i.4] included in Recommendation ITU-R M.1371-5 [1].

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

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.1].

SIST EN 303 204 V2.1.1:2016

2016-07 (po) (en) 81 str. (M)

Omrežne naprave kratkega dosega (SRD) - Radijska oprema, ki se uporablja v frekvenčnem območju od 870 MHz do 876 MHz z močnostnimi nivoji do največ 500 mW - Harmonizirani standard, ki zajema bistvene zahteve člena 3.2 direktive 2014/53/EU

Network Based Short Range Devices (SRD) - Radio equipment to be used in the 870 MHz to 876 MHz frequency range with power levels ranging up to 500 mW -

Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU

Osnova: ETSI EN 303 204 V2.1.1 (2016-04)

ICS: 33.100.01, 33.060.20

The present document applies to the following radio equipment types:

1) Network Based SRDs which are SRDs intended to operate in association with other SRDs to form network topologies supporting the intended application.

2) Network Relay Points which are specific Network Based SRDs supporting interconnection of a network of SRDs with an external network or service

NOTE 1: The availability of the frequency band in Table 1a in European Union and CEPT countries can be obtained from the EFIS (<http://www.efis.dk/>) and is also listed in Appendices 1 and 3 of REC 70-03 [i.2].

NOTE 2: In addition, it should be noted that other frequency bands may be available for network based short range devices in a country. See National Radio Interfaces (NRI) as relevant for additional guidance.

NOTE 3: On non-harmonized parameters, national administrations may impose certain conditions such as the type of modulation, frequency, channel/frequency separations, maximum transmitter radiated power, duty cycle, and the inclusion of an automatic transmitter shut-off facility, as a condition for the issue of Individual Rights for use of spectrum or General Authorization, or as a condition for use under "licence exemption" as it is in most cases for Short Range Devices.

The present document covers equipment intended for use in a fixed location, equipment normally fixed in a vehicle and equipment intended to be carried or attached.

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 303 213-6-1 V2.1.1:2016

2016-07 (po) (en) 24 str. (F)

Napredni sistem za vodenje in nadzor gibanja po zemlji (A-SMGCS) - 6. del: Harmonizirani standard, ki zajema bistvene zahteve člena 3.2 direktive 2014/53/EU za aktivno zaznavalo radarja za površinsko gibanje - 1. poddel: Zaznavala, ki deluje v frekvenčnem pasu X (10,525 GHz), z impulznimi signali in oddajno močjo do 100 kW

Advanced Surface Movement Guidance and Control System (A-SMGCS) - Part 6: Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU for deployed surface movement radar sensors - Sub-part 1: X-band sensors using pulsed signals and transmitting power up to 100 kW

Osnova: ETSI EN 303 213-6-1 V2.1.1 (2016-05)

ICS: 49.090, 03.220.50

The present document applies to X-band radar sensors intended for the surveillance of airport surface movement traffic with the following characteristics:

- Operating in one or both of the following frequency ranges:
- 9 000 MHz to 9 200 MHz and 9 300 MHz to 9 500 MHz utilizing modulated or unmodulated pulses.
- Transmitter Peak Envelope Power up to 100 kW.
- The transceiver-antenna connection is using a hollow metallic rectangular waveguide.
- The antenna is rotating, waveguide-based and passive.
- At the transceiver output an RF-circulator is used.

NOTE 1: Since transceiver and antenna are hollow metallic rectangular waveguide based the frequency range for measurements that needs to be addressed covers 6,56 GHz to 26 GHz. The lower limit of this frequency range is obtained as cut-off frequency of the combination of WR112/R84 taper section and a WR90/R100 Waveguide IEC 60153-2 [i.3]. The upper limit corresponds to the upper limit stated in ERC/Recommendation 74-01 [i.5].

NOTE 2: Since at the transceiver output an RF circulator is used, it is assumed that the transceiver characteristics remain independent from the antenna.

NOTE 3: Aeronautical Surface Movement Radars covered by the present document are expected to use the bands 9 000 MHz to 9 200 MHz and/or 9 300 MHz to 9 500 MHz. According article 5 of the ITU Radio Regulations [i.6] the band 9 000 MHz to 9 200 MHz is allocated to the Aeronautical Radionavigation Service on a primary basis and the band 9 300 MHz to 9 500 MHz is allocated to the Radionavigation Service on a primary basis. 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 2014/53/EU [i.1] as well as essential requirements under the SES Interoperability Regulation 552/2004 [i.9] and related implementing rules and/or essential requirements under the EASA basic regulation 216/2008 [i.12] may apply to equipment within the scope of the present document.

SIST EN 303 340 V1.1.1:2016

2016-07 (po) (en) 33 str. (H)

Digitalni prizemni radiodifuzijski sprejemniki - Harmonizirani standard, ki zajema bistvene zahteve člena 3.2 direktive 2014/53/EU

Digital Terrestrial TV Broadcast Receivers - Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU

Osnova: ETSI EN 303 340 V1.1.1 (2016-05)

ICS: 33.160.25

The present document applies to digital terrestrial television broadcast receivers fitted with an external antenna input (tuner port) capable of receiving DVB-T and/or DVB-T2 signals. Receivers without external antenna connectors, receivers with diversity, and receivers intended for mobile or automotive reception are not covered by the present document.

The present document contains the requirements for digital terrestrial television broadcast receivers to meet the essential requirements of article 3.2 of Directive 2014/53/EU [i.3] that radio equipment both effectively uses and supports the efficient use of radio spectrum in order to avoid harmful interference.

The present document includes considerations of interference from LTE transmissions in the 700 MHz and 800 MHz bands and DTT transmissions in UHF band IV. The requirements of the installation system (antenna, feeder cable, amplifiers, etc.) are not addressed.

There are country specific variations of frequency usage for digital terrestrial television reception and other users such as mobile broadband.

The tests in the present document only apply if the DTT broadcast receiver supports the wanted signal configuration used by the test in question. The applicable tests are summarized in annex E, table E.1.

SIST EN 303 372-2 V1.1.1:2016

2016-07 (po) (en) 14 str. (D)

Satelitske zemeljske postaje in sistemi (SES) - Oprema za sprejemanje satelitske radiodifuzije - Harmonizirani standard, ki zajema bistvene zahteve člena 3.2 direktive 2014/53/EU - 2. del:

Notranja enota

Satellite Earth Stations and Systems (SES) - Satellite broadcast reception equipment - Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU - Part 2:

Indoor unit

Osnova: ETSI EN 303 372-2 V1.1.1 (2016-04)

ICS: 35.070.40, 35.170

The present document applies to indoor units (IDUs) for satellite broadcast reception. An indoor unit gets on an input interface the signal that has been received from satellite and processed by the outdoor unit (ODU). It performs carrier selection, demodulation, audio and video decoding.

Part of the IDU functionality may be integrated with the ODU. In that case the present document applies to this part of functionality as well as the remaining part in the IDU.

The indoor unit may be integrated with a domestic television receiver. 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 50290-2-33:2016

2016-07 (po) (en) 8 str. (B)

Komunikacijski kabli - 2-33. del: Skupna pravila načrtovanja in konstrukcija - Polietilenska izolacija za večelementne kovinske podatkovne kable za notranjo uporabo

Communication cables - Part 2-33: Common design rules and construction - Polyethylene insulation for multi element metallic data cables for indoor application

Osnova: EN 50290-2-33:2016

ICS: 29.055.20, 35.120.10

This Part 2-33 of EN 50290 gives specific requirements for PE compounds to be used for multi element metallic data cables for indoor application.

It is to be read in conjunction with EN 50290-2-20, the product standard EN 50288 and other applicable product standards.

Using compound and type test data as outlined in this standard, the compound supplier will have sufficient data to demonstrate compliance and warrant that the material is suitable for the specified application.

SIST EN 50290-2-37:2016**2016-07 (po) (en) 10 str. (C)****Komunikacijski kabli - 2-37. del: Skupna pravila načrtovanja in konstrukcija - Polietilenska izolacija za koaksialne kable*****Communication cables - Part 2-37: Common design rules and construction - Polyethylene insulation for coaxial cables*****Osnova: EN 50290-2-37:2016****ICS: 35.120.10, 29.035.20**

This Part 2-37 of EN 50290 gives specific requirements for PE compounds to be used for the insulation of coaxial cables.

It is to be read in conjunction with EN 50290-2-20, EN 50117 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 50290-2-38:2016**2016-07 (po) (en) 8 str. (B)****Komunikacijski kabli - 2-38. del: Skupna pravila načrtovanja in konstrukcija - Polipropilenska izolacija za koaksialne kable*****Communication cables - Part 2-38: Common design rules and construction - Polypropylene insulation for coaxial cables*****Osnova: EN 50290-2-38:2016****ICS: 35.120.10, 29.035.20**

This Part 2-38 of EN 50290 gives specific requirements for PP compounds to be used for the insulation of coaxial cables. It is to be read in conjunction with EN 50290-2-20, EN 50117 and other applicable product standards.

Grades PP-S1 and PP-F1 correspond to materials specified in the previous version 50290 2-25. These relatively soft Polypropylene compounds have good low temperature properties and are highly stabilised.

Grades PP-S2 and PP-F2 exhibit properties more typical of Polypropylene and are designed for general Coax applications where high crush resistance and superior dielectric properties are needed.

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 60794-3-70:2016**2016-07 (po) (en) 18 str. (E)****Optični kabli - 3-70. del: Rodovna specifikacija za kable iz optičnih vlaken za zunanjo montažo za hitro/večkratno namestitvev (IEC 60794-3-70:2016)*****Optical Cables - Part 3.70: Family specification for outdoor optical fibre cables for rapid/multiple deployment (IEC 60794-3-70:2016)*****Osnova: EN 60794-3-70:2016****ICS: 35.180.10**

This part of IEC 60794 is a family specification that covers outdoor optical fibre cables intended for rugged terrestrial rapid/multiple deployment. These cables, with enhanced mechanical, environmental and ingress performance may be used wherever a rapid or multiple deployment is relevant (e.g. mobile broadcast units, emergency rescue services, outdoor motion-robotics, etc.).

SIST EN 61753-381-6:2016**2016-07 (po) (en) 25 str. (F)**

Optični spojni elementi in pasivne komponente - Tehnični standard - 381-6. del: Ciklično razporejeni valovodi za kategorijo O - Nenadzorovano okolje (IEC 61753-381-6:2016)

Fibre optic interconnecting devices and passive components - Performance standard - Part 381-6: Cyclic Arrayed Waveguide Grating for category O - Uncontrolled environment (IEC 61753-381-6:2016)

Osnova: EN 61753-381-6:2016

ICS: 33.180.20

This part of IEC 61753 contains the minimum initial test and measurement requirements and severities which a Gaussian-passband-profile cyclic arrayed waveguide grating (AWG) for single bidirectional transmission systems satisfies in order to be categorised as meeting the requirements of IEC 61753-1 for category O (uncontrolled environment). This standard pertains to wavelength division multiplexing (WDM) network with multiple spectral-band usage. This standard covers the requirements of cyclic AWG devices with free spectral range (FSR) characteristics to ensure multiple spectral bands transmission performance. The requirement covers devices with single-mode non-connectorized pigtailed and no electric circuit board.

SIST EN 61754-31:2016**2016-07 (po) (en) 21 str. (F)**

Optični spojni elementi in pasivne komponente - Vmesniki optičnih konektorjev - 31. del:

Konektorska serija vrste N-FO

Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces - Part 31: Type N-FO connector family

Osnova: EN 61754-31:2016

ICS: 33.180.20

This part of IEC 61754 defines the standard connector interface dimensions for the two way and four way type N-FO family of connectors.

SIST EN 62153-4-7:2016/AC:2016**2016-07 (po) (en) 3 str. (AC)**

Preskusne metode za kovinske komunikacijske kable - 4-7. del: Elektromagnetna združljivost (EMC) - Preskusna metoda za meritve prehodne impedanace ZT in zaslonskega slabljenja aS ali sklopnega slabljenja aC konektorjev in sestavov do in nad 3 GHz - Metoda "cev v cevi" - Popravek AC

Metallic communication cable test methods - Part 4-7: Electromagnetic compatibility (EMC) - Test method for measuring of transfer impedance ZT and screening attenuation as or coupling attenuation ac of connectors and assemblies up to and above 3 GHz - Triaxial tube in tube method

Osnova: EN 62153-4-7:2016/AC:2016-05

ICS: 33.100.01, 33.120.10

Popravek k standardu SIST EN 62153-4-7:2016.

Ta triosna metoda je primerna za določevanje površinske prehodne impedanace in/ali zaslonskega slabljenja in sklopnega slabljenja spojnih zaslonskih konektorjev (vključno s povezavo med kablom in konektorjem) ter kablskih sestavov. S to metodo je mogoče določiti tudi prehodno impedanco ter sklopno oz. zaslonsko slabljenje simetričnih ali večpolnih konektorjev in večjedrnih kablskih sestavov. Za merjenje prehodne impedanace in zaslonskega oz. sklopnega slabljenja je potrebna le ena priprava preskusa.

SIST EN 62343-4-1:2016

2016-07 (po) (en) 33 str. (H)

Dinamični moduli - Programska in strojna oprema za vmesnike - 4-1. del: 1x9-valovnodolžinska selektivna stikala (IEC 62343-4-1:2016)

Dynamic modules - Software and hardware interface standards - Part 4-1: 1x9 Wavelength selective switch (IEC 62343-4-1:2016)

Osnova: EN 62343-4-1:2016

ICS: 35.200, 35.180.20

This part of IEC 62343 describes and provides specifications for a software and hardware interface for the 1 x 9 wavelength selective switch.

These switches can be controlled by resident firmware with this interface. This standard addresses the configuration and function to control a WSS. This interface is intended to enable a user or host to retrieve the switch status and/or adjust relevant switch and attenuation settings.

SIST ES 201 468 V1.4.1:2016

2016-07 (po) (en) 32 str. (G)

Elektromagnetna združljivost in zadeve v zvezi z radijskim spektrom (ERM) - Dodatne zahteve za elektromagnetno združljivost (EMC) in odpornost telekomunikacijske opreme za povečano razpoložljivost storitve v posebnih oblikah uporabe

Electromagnetic compatibility and Radio spectrum Matters (ERM) - Additional ElectroMagnetic Compatibility (EMC) requirements and resistibility requirements for telecommunications equipment for enhanced availability of service in specific applications

Osnova: ETSI ES 201 468 V1.4.1 (2014-03)

ICS: 35.060.99, 35.100.01

Revision to: Update the references adding the date Align the surge test for external signal lines with EN500386 V1.6.1 Align the voltage dips requirements on AC port in "other than telecommunication centres" environment with EN 500386 and latest EN 61000-4-11

SIST/TC MOV Merilna oprema za elektromagnetne veličine

SIST EN 60534-2-3:2016

SIST EN 60534-2-3:1998

2016-07 (po) (en;fr;de) 45 str. (I)

Regulacijski ventili za industrijske procese - 2-3. del: Kapaciteta pretoka - Preskusni postopki (IEC 60534-2-3:2015)

Industrial-process control valves – Part 2-3: Flow capacity - Test procedures (IEC 60534-2-3:2015)

Osnova: EN 60534-2-3:2016

ICS: 25.040.40, 25.060.40

This part of IEC 60534 is applicable to industrial-process control valves and provides the flow capacity test procedures for determining the following variables used in the equations given in IEC 60534-2-1:

- a) flow coefficient C;
- b) liquid pressure recovery factor without attached fittings FL;
- c) combined liquid pressure recovery factor and piping geometry factor of a control valve with attached fittings FLP;
- d) piping geometry factor FP;
- e) pressure differential ratio factors xT and xTP;
- f) valve style modifier Fd;
- g) Reynolds number factor FR.

SIST EN 60534-8-4:2016

SIST EN 60534-8-4:2007

2016-07 (po) (en;fr;de) 34 str. (H)

Regulacijski ventili za industrijske procese - 8-4. del: Obravnavna šuma - Predvidevanje šuma, ki ga proizvaja hidrodinamični pretok (IEC 60534-8-4:2015)

Industrial-process control valves - Part 8-4: Noise considerations - Prediction of noise generated by hydrodynamic flow (IEC 60534-8-4:2015)

Osnova: EN 60534-8-4:2015

ICS: 25.040.40, 25.060.40, 17.140.20

This part of IEC 60534 establishes a method to predict the noise generated in a control valve by liquid flow and the resulting noise level measured downstream of the valve and outside of the pipe. The noise may be generated both by normal turbulence and by liquid cavitation in the valve. Parts of the method are based on fundamental principles of acoustics, fluid mechanics, and mechanics. The method is validated by test data.

SIST EN 61804-4:2016

SIST-TP CLC/TR 61804-4:2007

2016-07 (po) (en;fr;de) 125 str. (O)

Funkcijski bloki (FB) za nadzor procesov in opisni jezik za elektronske naprave (EDDL) - 4. del: Interpretacija EDD (IEC 61804-4:2015)

Function blocks (FB) for process control and Electronic Device Description Language (EDDL) - Part 4: EDD interpretation (IEC 61804-4:2015)

Osnova: EN 61804-4:2016

ICS: 35.060, 25.040.40

This part of IEC 61804 specifies EDD interpretation for EDD applications and EDDs to support EDD interoperability. This document is intended to ensure that field device developers use the EDDL constructs consistently and that the EDD applications have the same interpretations of the EDD. It supplements the EDDL specification to promote EDDL application interoperability and improve EDD portability between EDDL applications.

SIST EN 61987-22:2016

2016-07 (po) (en;fr;de) 17 str. (E)

Merjenje in nadzor industrijskega procesa - Strukture podatkov in elementi v katalogih procesne opreme - 22. del: Seznam lastnosti ventilskih sestavov za elektronsko izmenjavo podatkov (IEC 61987-22:2015)

Industrial-Process Measurement and Control - Data Structures and Elements in Process Equipment Catalogues - Part 22: Lists of Properties (LOP) of valve body assemblies for electronic data exchange (IEC 61987-22:2015)

Osnova: EN 61987-22:2016

ICS: 01.110, 35.240.50, 25.040.40

This part of IEC 61987 provides

- Operating Lists of Properties (OLOP) for the description of the operating parameters and the collection of requirements for valve body assemblies and process regulators,
- Device Lists of Properties (DLOPs) for the description of various types of valve body assemblies and process regulators.

The structures of the OLOP and the DLOP conform to the general structures defined in IEC 61987-11 and IEC 61987-21 as well as to the fundamentals for the construction of LOPs defined in IEC 61987-10. The DLOPs conform additionally with terms defined in IEC 60534-7. Libraries of properties and of blocks used in the LOPs are listed in Annexes A and B respectively.

SIST EN 61987-23:2016**2016-07 (po) (en;fr;de) 15 str. (D)**

Merjenje in nadzor industrijskega procesa - Strukture podatkov in elementi v katalogih procesne opreme - 23. del: Seznam lastnosti dajalnikov za elektronsko izmenjavo podatkov (IEC 61987-23:2015)

Industrial-Process Measurement and Control - Data Structures and Elements in Process Equipment Catalogues - Part 23: Lists of Properties (LOP) of actuators for electronic data exchange (IEC 61987-23:2015)

Osnova: EN 61987-23:2016

ICS: 01.110, 35.240.50, 25.040.40

This part of IEC 61987 provides

- Operating Lists of Properties (OLOPs) for the description of the operating parameters and the collection of requirements for valve actuators,
- Device Lists of Properties (DLOPs) for valve actuators.

The structures of the OLOPs and the DLOPs conform to the general structures defined in IEC 61987-11 and IEC 61987-21 as well as to the fundamentals for the construction of LOPs defined in IEC 61987-10. The DLOPs conform additionally with terms defined in IEC 60534-7. Libraries of properties and of blocks used in the LOPs are listed in Annexes A and B respectively.

SIST EN 61987-24-1:2016**2016-07 (po) (en;fr;de) 15 str. (D)**

Merjenje in nadzor industrijskega procesa - Strukture podatkov in elementi v katalogih procesne opreme - 24-1. del: Seznam lastnosti dajalnikov pozicije za elektronsko izmenjavo podatkov (IEC 61987-24-1:2015)

Industrial-Process Measurement and Control - Data Structures and Elements in Process Equipment Catalogues - Part 24-1: Lists of Properties (LOP) of positioners for electronic data exchange (IEC 61987-24-1:2015)

Osnova: EN 61987-24-1:2016

ICS: 01.110, 35.240.50, 25.040.40

This part of IEC 61987 provides

- Operating Lists of Properties (OLOPs) for the description of the operating parameters and the collection of requirements for valve/actuator accessories, that can be used for every valve/actuator accessory,
- Device Lists of Properties (DLOPs) for positioners and I/P converters. The structures of the OLOP and the DLOPs conform to the general structures defined in IEC 61987-11 and IEC 61987-21 as well as to the fundamentals for the construction of LOPs defined in IEC 61987-10. The DLOPs conform additionally with the terms defined in IEC 60534-7.

Libraries of properties and of blocks used in the LOPs are listed in Annexes A and B respectively.

SIST EN 62264-4:2016**2016-07 (po) (en;fr;de) 90 str. (M)**

Integracija sistemov za upravljanje podjetij - 4. del: Predmeti in značilnosti za integracijo poslovnega vodenja proizvodnje (IEC 62264-4:2015)

Enterprise-Control System Integration - Part 4: Objects and attributes for manufacturing operations management integration IEC 62264-4:2015)

Osnova: EN 62264-4:2016

ICS: 35.240.50, 25.040.01, 05.100.01

This part defines object models and attributes exchanged between Level 3 manufacturing operations management activities defined in IEC 62264-5.

SIST/TC OCE Oprema za ceste

SIST EN 1793-5:2016

SIST-TS CEN/TS 1793-5:2004

2016-07

(po)

(en;fr;de)

58 str. (J)

Protihrupne ovire za cestni promet - Preskusna metoda za ugotavljanje akustičnih lastnosti - 5. del: Bistvene lastnosti - Terenske vrednosti odboja zvoka z uporabo usmerjenega zvočnega polja

Road traffic noise reducing devices - Test method for determining the acoustic performance - Part 5: Intrinsic characteristics - In situ values of sound reflection under direct sound field conditions

Osnova: EN 1793-5:2016

ICS: 95.080.30, 17.140.30

The present document describes a test method for measuring a quantity representative of the intrinsic characteristics of sound reflection from road noise reducing devices: the reflection index. The test method is intended for the following applications:

- determination of the intrinsic characteristics of sound reflection of noise reducing devices to be installed along roads, to be measured either on typical installations alongside roads or on a relevant sample section;
- determination of the in situ intrinsic characteristics of sound reflection of noise reducing devices in actual use;
- comparison of design specifications with actual performance data after the completion of the construction work;
- verification of the long-term performance of noise reducing devices (with a repeated application of the method).

The test method is not intended for the following applications:

- determination of the intrinsic characteristics of sound reflection of noise reducing devices to be installed in reverberant conditions, e.g. inside tunnels or deep trenches.

Results are expressed as a function of frequency, in one-third octave bands between 100 Hz and 5 kHz. If it is not possible to get valid measurements results over the whole frequency range indicated, the results shall be given in a restricted frequency range and the reasons of the restriction(s) shall be clearly reported.

SIST/TC OTR Izdelki za otroke

SIST-TP CEN ISO/TR 8124-8:2016

2016-07

(po)

(en;fr;de)

35 str. (H)

Varnost igrač - 8. del: Smernice za določitev starosti (ISO/TR 8124-8:2016)

Safety of toys - Part 8: Age determination guidelines (ISO/TR 8124-8:2016)

Osnova: CEN ISO/TR 8124-8:2016

ICS: 97.200.50

This Technical Report provides guidelines for the determination of the lowest age at which children start playing with toys in specific toy sub-categories and is primarily directed to manufacturers and agencies that evaluate the compliance of toys with safety standards.

This Technical Report can also be used as a reference to determine the appropriateness of toys by earliest age, for use by distributors, institutions, and organizations involved with child play, as well as by paediatric institutions, teachers, other professionals that use toys in their routine activities, and consumers.

The age at which children develop different abilities is unique for each individual child. These guidelines illustrate the age ranges during which a typical child has developed certain abilities. Although age grading has safety implications, these guidelines are not intended to address specific safety requirements. Specific safety requirements for toys can be found in the ISO 8124 series of toy safety standards (and in other regional toy safety standards and regulations). As an example, such standards will restrict the presence of small parts and small balls in toys intended for certain age groups, due to the choking hazard.

These age determination guidelines are based on the advice of experts and traditional play patterns

of children; they might differ from national or regional regulations or directives that classify a toy, or category of toy, as being intended for a different age.

Annex B gives details on how information on electronic toys and electronics in toys was considered in the development of these age determination guidelines.

SIST/TC POH Pohištvo

SIST EN 14749:2016

SIST EN 14749:2006

2016-07

(po)

(en;fr;de)

32 str. (G)

Pohištvo - Shranjevalne enote za domačo uporabo in kuhinje ter kuhinjske delovne plošče - Varnostne zahteve in preskusne metode

Furniture - Domestic and kitchen storage units and kitchen-worktops - Safety requirements and test methods

Osnova: EN 14749:2016

ICS: 97.140, 97.040.10

This European Standard specifies safety requirements for all types of kitchen and bathroom storage units and domestic storage furniture that are fully assembled and ready for use, including kitchen-worktops and movable and non-movable components and components made of glass.

It specifies additional test methods in Annex A (normative).

It does not apply to non-domestic storage, office storage, industrial storage, catering equipment, retail storage and industrial storage lockers.

It does not apply to units covered by EN 71-1, Safety of toys – Part 1: Mechanical and physical properties and EN 60065, Audio, video and similar electronic apparatus – Safety requirements.

It does not include requirements for electrical safety.

If the furniture has additional functions, it is essential that it also meets the safety requirements of the appropriate European safety standard for that function.

Safety depending on the structure of the building is not included, e.g. the strength of wall hanging units includes only the cabinet and its components. The wall and the wall attachments are not included.

This European Standard does not include requirements for the resistance to ageing, degradation and flammability.

Annex A (normative) contains additional test methods.

Annex B (normative) contains a guideline for testing according to this document.

Annex C (informative) contains an example of loading of wall hanging units.

Annex D (informative) contains the relation between safety requirements, total mass and position of centre of gravity.

SIST-TS CEN/TS 16611:2016

SIST-TS CEN/TS 16611:2014

2016-07

(po)

(en;fr;de)

13 str. (D)

Pohištvo - Ocenjevanje odpornosti površine proti mikrorazenju

Furniture - Assessment of the surface resistance to microscratching

Osnova: CEN/TS 16611:2016

ICS: 97.140

This Technical Specification specifies a method for the assessment of the surface resistance to microscratching and relates to rigid surfaces of all finished products regardless of materials.

Method A is suitable for all types of surface coatings and coverings except for lacquers with pearly or metallic effects.

Method B is suitable for all types of surface.

It does not apply to finishes on leather and fabrics.

The test is intended to be carried out on a part of finished furniture, but can be carried out on test panels of the same material, finished in an identical manner to the finished product, and of a size sufficient to meet the requirements of the test.

It is essential that the test shall be carried out on unused surfaces.

SIST/TC POZ Požarna varnost

SIST EN 16733:2016

2016-07 (po) (en;fr;de) **21 str. (F)**

Preskusi odziva gradbenih proizvodov na ogenj - Ugotavljanje dovzetnosti gradbenih proizvodov za neprekinjeno tlenje

Reaction to fire tests for building products - Determination of a building product's propensity to undergo continuous smouldering

Osnova: EN 16733:2016

ICS: 13.220.50

This standard specifies a test method to determine the ability of a building product to smoulder continuously when exposed to an open flame under the influence of natural convective airflow. It is intended for all building products classified according to EN 13501-1. Details as to how the products shall be mounted and fixed for this test are given in the relevant product standard. The field of application of the test results shall be defined in the product standard.

SIST/TC PSE Procesni sistemi v energetiki

SIST EN 61968-8:2016

2016-07 (po) (en) **61 str. (K)**

Združevanje aplikacij v elektropodjetjih - Sistemski vmesniki za upravljanje distribucije - 8. del: Standard vmesnika za podporo končnim uporabnikom

Application integration at electric utilities - System interfaces for distribution management - Part 8: Interface standard for customer support

Osnova: EN 61968-8:2016

ICS: 29.240.30, 35.200

This part of IEC 61968 specifies the information content of a set of message types that can be used to support many of the business functions related to customer support. Typical uses of the message types include service request, customer agreement, and trouble management. The purpose of this part of IEC 61968 is to define a standard for the integration of customer support (CS), which would include customer service, trouble management and point of sale related components integrated with other systems and business functions within the scope of IEC 61968. The scope of this standard is the exchange of information between a customer support system and other systems within the utility enterprise.

SIST/TC SKA Stikalni in krmilni aparati

SIST EN 60947-3:2009/A2:2016

2016-07 (po) (en) **27 str. (G)**

Nizkonapetostne stikalne in krmilne naprave - 3. del: Stikala, ločilniki, ločilna stikala in stikalni aparati z varovalkami - Dopolnilo A2

Low-voltage switchgear and controlgear - Part 3: Switches, disconnectors, switch-disconnectors and fuse-combination units

Osnova: EN 60947-3:2009/A2:2015

ICS: 29.130.20

Dopolnilo A2:2016 je dodatek k standardu SIST HD 60364-5-551:2010.

Ta del standarda IEC 60947 se uporablja za stikala, ločilnike, ločilna stikala in stikalne aparate z varovalkami, ki so namenjeni uporabi v razdelilnih tokokrogih in motorskih tokokrogih, pri čemer nazivna napetost ne presega 1000 V izmenične napetosti ali 1500 V enosmerne napetosti. Proizvajalec mora določiti vrsto, mejne vrednosti in značilnosti vseh vključenih varovalk v skladu z ustreznim standardom. Ta del se ne uporablja za opremo, ki spada v področje uporabe standardov IEC 60947-2, IEC 60947-4-1 in IEC 60947-5-1; vendar morajo biti stikala in stikalni aparati z

varovalkami, ki bodo spadali v področje uporabe tega dela in se običajno uporabljajo za zagon, pospeševanje in/ali ustavljanje posameznega motorja, prav tako skladni z dodatnimi zahtevami iz dodatka A. Zahteve za tripolna stikala z enim samim priključnim polom so zajete v dodatku C. Pomožna stikala, pritrjena na opremo, ki spada v področje uporabe tega dela, morajo biti skladna z zahtevami standarda IEC 60947-5-1. Ta del ne zajema dodatnih zahtev, potrebnih za električne naprave za eksplozivne plinske atmosfere.

SIST EN 62683:2016

SIST EN 62683:2013

2016-07 (po) (en) 113 str. (N)

Nizkonapetostne stikalne in krmilne naprave - Podatki o izdelku in njegovih lastnostih za izmenjavo informacij

Low-voltage switchgear and controlgear - Product data and properties for information exchange

Osnova: EN 62683:2015

ICS: 29.130.20

This International Standard establishes the reference dictionary of the general description of low-voltage switchgear and controlgear classes based on defined properties. This dictionary is used to facilitate the exchange in electronic format of data describing lowvoltage switchgear and controlgear.

This standard provides clear and unambiguous definitions of a limited number of properties and classes which are mainly used for presentation, selection and identification of products particularly in electronic catalogues.

Each property has an unambiguously defined meaning and naming, and where relevant, a defined value list, a defined format and a defined unit. The intention is not to cover manufacturer specific features.

SIST/TC SPN Storitve in protokoli v omrežjih

SIST EN 319 102-1 V1.1.1:2016

2016-07 (po) (en) 74 str. (L)

Elektronski podpisi in infrastruktura (ESI) - Postopki za oblikovanje in validacijo digitalnih podpisov AdES - 1. del: Oblikovanje in validacija

Electronic Signatures and Infrastructures (ESI) - Procedures for Creation and Validation of AdES Digital Signatures - Part 1: Creation and Validation

Osnova: ETSI EN 319 102-1 V1.1.1 (2016-05)

ICS: 35.040.01

The present document specifies procedures for:

- the creation of AdES digital signatures (specified in ETSI EN 319 122-1 [i.2], ETSI EN 319 132-1 [i.4], ETSI EN 319 142-1 [i.6] respectively);
- establishing whether an AdES digital signature is technically valid;

whenever the AdES digital signature is based on public key cryptography and supported by public key certificates. To improve readability of the present document, AdES digital signatures are meant when the term signature is being used.

NOTE 1: Regulation (EU) No 910/2014 [i.15] defines the terms electronic signature, advanced electronic signature, electronic seals and advanced electronic seal. These signatures and seals are usually created using digital signature technology. The present document aims at supporting the Regulation (EU) No 910/2014 [i.15] for creation and validation of advanced electronic signatures and seals when they are implemented as AdES digital signatures.

The present document introduces general principles, objects and functions relevant when creating or validating signatures based on signature creation and validation constraints and defines general classes of signatures that allow for verifiability over long periods.

The following aspects are considered to be out of scope:

- generation and distribution of Signature Creation Data (keys, etc.), and the selection and use of cryptographic algorithms;

- format, syntax or encoding of data objects involved, specifically format or encoding for documents to be signed or signatures created; and
- the legal interpretation of any signature, especially the legal validity of a signature.

NOTE 2: The signature creation and validation procedures specified in the present document provide several options and possibilities. The selection of these options is driven by a signature creation policy, a signature augmentation policy or a signature validation policy respectively. Note that legal requirements can be provided through specific policies, e.g. in the context of qualified electronic signatures as defined in the Regulation (EU) 910/2014 [i.15].

SIST EN 319 132-1 V1.1.1:2016

2016-07 (po) (en) 69 str. (K)

Elektronski podpisi in infrastruktura (ESI) - Digitalni podpisi XAdES - 1. del: Gradniki in izhodiščni podpisi XAdES

Electronic Signatures and Infrastructures (ESI) - XAdES digital signatures - Part 1: Building blocks and XAdES baseline signatures

Osnova: ETSI EN 319 132-1 V1.1.1 (2016-04)

ICS: 35.040.01

The present document specifies XAdES digital signatures. XAdES signatures build on XML digital signatures [1], by incorporation of signed and unsigned qualifying properties, which fulfil certain common requirements (such as the long term validity of digital signatures, for instance) in a number of use cases. The present document specifies XML Schema definitions for the aforementioned qualifying properties as well as mechanisms for incorporating them into XAdES signatures. The present document specifies formats for XAdES baseline signatures, which provide the basic features necessary for a wide range of business and governmental use cases for electronic procedures and communications to be applicable to a wide range of communities when there is a clear need for interoperability of digital signatures used in electronic documents.

The present document defines four levels of XAdES baseline signatures addressing incremental requirements to maintain the validity of the signatures over the long term, in a way that a certain level always addresses all the requirements addressed at levels that are below it. Each level requires the presence of certain XAdES qualifying properties, suitably profiled for reducing the optionality as much as possible. Procedures for creation, augmentation, and validation of XAdES digital signatures are out of scope and specified in ETSI EN 319 102-1 [i.6]. Guidance on creation, augmentation and validation of XAdES digital signatures including the usage of the different properties defined in the present document is provided in ETSI TR 119 100 [i.11].

The present document aims at supporting electronic signatures in different regulatory frameworks.

NOTE: Specifically but not exclusively, XAdES digital signatures specified in the present document aim at supporting electronic signatures, advanced electronic signatures, qualified electronic signatures, electronic seals, advanced electronic seals, and qualified electronic seals as per Regulation (EU) No 910/2014 [i.1].

SIST EN 319 132-2 V1.1.1:2016

2016-07 (po) (en) 20 str. (E)

Elektronski podpisi in infrastruktura (ESI) - Digitalni podpisi XAdES - 2. del: Razširjeni podpisi XAdES

Electronic Signatures and Infrastructures (ESI) - XAdES digital signatures - Part 2: Extended XAdES signatures

Osnova: ETSI EN 319 132-2 V1.1.1 (2016-04)

ICS: 35.040.01

The present document specifies XAdES digital signatures. XAdES signatures are built on XML digital signatures [i.4], by incorporation of signed and unsigned qualifying properties, which fulfil certain common requirements (such as the long term validity of digital signatures, for instance) in a number of use cases.

The present document specifies a number of XAdES signature levels, addressing incremental requirements to maintain the validity of the signatures over the long term, in a way that a certain level always addresses all the requirements addressed at levels that are below it. These XAdES extended signatures offer a higher degree of optionality than the XAdES baseline signatures specified ETSI EN 319 132-1 [1].

Procedures for creation, augmentation, and validation of XAdES digital signatures are out of scope and specified in ETSI EN 319 102-1 [i.7]. Guidance on creation, augmentation and validation of XAdES digital signatures is provided including the usage of the different properties is provided in ETSI TR 119 100 [i.6]. The present document aims at supporting electronic signatures in different regulatory frameworks.

NOTE: Specifically but not exclusively, XAdES digital signatures specified in the present document aim at supporting electronic signatures, advanced electronic signatures, qualified electronic signatures, electronic seals, advanced electronic seals, and qualified electronic seals as per Regulation (EU) No 910/2014 [i.1].

SIST EN 319 162-1 V1.1.1:2016

2016-07 (po) (en) 32 str. (G)

Elektronski podpisi in infrastruktura (ESI) - Pripadajoči vsebniki podpisov (ASiC) - 1. del: Gradniki in izhodiščni vsebniki ASiC

Electronic Signatures and Infrastructures (ESI) - Associated Signature Containers (ASiC) - Part 1: Building blocks and ASiC baseline containers

Osnova: ETSI EN 319 162-1 V1.1.1 (2016-04)

ICS: 35.040.01

The present document specifies Associated Signature Containers (ASiC) which bind together into one single digital container based on ZIP [5] either detached digital signatures or time assertions, with a number of file objects (e.g. documents, XML structured data, spreadsheet, multimedia content) to which they apply.

The present document specifies general purpose ASiC containers building blocks and a limited set of baseline containers.

ASiC supports the following signature and time assertion formats:

- CADES object incorporating CADES signatures (ETSI EN 319 122-1 [1] and ETSI EN 319 122-2 [11]);
- XAdES signatures (ETSI EN 319 132-1 [2] and ETSI EN 319 132-2 [12]);
- IETF RFC 3161 [5] and updated by IETF RFC 5816 [13] time-stamp tokens; and
- IETF RFC 4998 [8] or IETF RFC 6283 [9] evidence records.

NOTE 1: No restriction is placed on time assertions eventually used within CADES signatures or XAdES signatures.

The building blocks defined in the present document support additional features not supported by the aforementioned formats, such as time-stamping and CADES signing of multiple content and XAdES parallel signatures, that can be used in other contexts.

The present document defines baseline containers which provide the basic features necessary for a wide range of business and governmental use cases for electronic procedures and communications to be applicable to a wide range of communities when there is a clear need for interoperability.

The present document aims at supporting associated signature containers in different regulatory frameworks.

NOTE 2: Specifically, but not exclusively, ASiC Associated Signature Containers specified in the present document aim at supporting electronic signature and electronic seal as per Regulation (EU) No 910/2014 [i.3].

The present document defines four levels of ASiC baseline containers addressing incremental requirements to maintain the availability and integrity of the containers over the long term, suitably profiled for reducing the optionality as much as possible, in a way that a certain level always addresses all the requirements already addressed at levels that are below it.

The present document does not address the identification of the validation policy to be used for verifying a container that contains time assertions.

SIST EN 319 162-2 V1.1.1:2016

2016-07 (po) (en) 13 str. (D)

Elektronski podpisi in infrastruktura (ESI) - Pripadajoči vsebniki podpisov (ASiC) -2. del: Dodatni vsebniki ASiC

Electronic Signatures and Infrastructures (ESI)-Associated Signature Containers (ASiC)-Part 2: Additional ASiC containers

Osnova: ETSI EN 319 162-2 V1.1.1 (2016-04)

ICS: 35.040.01

Specific communities or use cases may have additional requirements that are not addressed by the baseline containers defined in ASiC part 1 [2] that can be built using the building blocks defined there or additional ones. The present document references such specific additional use of ASiC and aims to be used for containers that collect together electronic documents including those supported by OCF, ODF and UCF describing how these container formats can be used to associate digital signatures with any data objects in the container.

SIST ES 201 873-10 V4.5.1:2016

2016-07 (po) (en) 26 str. (F)

Metode za preskušanje in specificiranje (MTS) - 3. različica zapisa preskušanja in krmilnih preskusov - 10. del: Specifikacija komentiranja dokumentacije TTCN-3

Methods for Testing and Specification (MTS)- The Testing and Test Control Notation version 3 - Part 10: TTCN-3 Documentation Comment Specification

Osnova: ETSI ES 201 873-10 V4.5.1 (2013-04)

ICS: 35.040.01

The present document defines a documentation of TTCN-3 source code using special documentation comments. The source code documentation can then be produced automatically from the TTCN-3 Core Language, e.g. in the form of hypertext web pages.

SIST ES 201 873-5 V4.6.1:2016

2016-07 (po) (en) 91 str. (M)

Metode za preskušanje in specificiranje (MTS) - 3. različica zapisa preskušanja in krmilnih preskusov - 5. del: Vmesnik za čas izvajanja (TRI) TTCN-3

Methods for Testing and Specification (MTS)- The Testing and Test Control Notation version 3 - Part 5: TTCN-3 Runtime Interface (TRI)

Osnova: ETSI ES 201 873-5 V4.6.1 (2014-06)

ICS: 35.040.01

SIST ES 201 873-7 V4.5.1:2016

2016-07 (po) (en) 59 str. (J)

Metode za preskušanje in specificiranje (MTS) - 3. različica zapisa preskušanja in krmilnih preskusov - 7. del: Uporaba ASN.1 pri TTCN-3

Methods for Testing and Specification (MTS)- The Testing and Test Control Notation version 3 - Part 7: Using ASN.1 with TTCN-3

Osnova: ETSI ES 201 873-7 V4.5.1 (2013-04)

ICS: 35.040.01

The present document defines a normative way of using ASN.1 as defined in Recommendations ITU-T X.680 [2], X.681 [3], X.682 [4] and X.685 [5] with TTCN-3. The harmonization of other languages with TTCN-3 is not covered by the present document.

SIST ES 201 873-8 V4.5.1:2016**2016-07 (po) (en) 30 str. (G)**

Metode za preskušanje in specificiranje (MTS) - 3. različica zapisa preskušanja in krmilnih preskusov - 8. del: Preslikava IDL v TTCN-3

Methods for Testing and Specification (MTS)- The Testing and Test Control Notation version 3 - Part 8: The IDL to TTCN-3 Mapping

Osnova: ETSI ES 201 873-8 V4.5.1 (2013-04)

ICS: 33.040.01

The present document defines the mapping rules for CORBA IDL (as defined in chapter 3 in [4]) to TTCN-3 (as defined in ES 201 873-1 [1]) to enable testing of CORBA-based systems. The principles of mapping CORBA IDL to TTCN-3 can be also used for the mapping of interface specification languages of other object/component-based technologies.

The specification of other mappings is outside the scope of the present document.

SIST ES 202 740 V1.3.2:2016**2016-07 (po) (en) 52 str. (J)**

Kakovost prenosa govora in večpredstavnih vsebin (STQ) - Prenosne zahteve za širokopasovne zvočniške in prostoročne terminale VoIP glede na kakovost storitev (QoS), kot jih dojema uporabnik

Speech and multimedia Transmission Quality (STQ) - Transmission requirements for wideband VoIP loudspeaking and handsfree terminals from a QoS perspective as perceived by the user

Osnova: ETSI ES 202 740 V1.3.2 (2010-09)

ICS: 33.040.35

The present document provides speech transmission performance requirements for 8 kHz wideband VoIP loudspeaking and hands-free terminals; it addresses all types of IP based terminals, including wireless, softphones and group audio terminals.

In contrast to other standards which define minimum performance requirements it is the intention of the present document to specify terminal equipment requirements which enable manufacturers and service providers to enable good quality end-to-end speech performance as perceived by the user.

In addition to basic testing procedures, the present document describes advanced testing procedures taking into account further quality parameters as perceived by the user.

NOTE: The present document does not concern headset terminals.

SIST ES 202 782 V1.2.1:2016**2016-07 (po) (en) 35 str. (H)**

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

Methods for Testing and Specification (MTS)- The Testing and Test Control Notation version 3 - TTCN-3 Language Extensions: TTCN-3 Performance and Real Time Testing

Osnova: ETSI ES 202 782 V1.2.1 (2014-06)

ICS: 35.060

The present document defines the real time and performance testing 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 OMG CORBA based platforms, APIs, etc. TTCN-3 is not restricted to conformance testing and can be used for many other kinds of testing including interoperability, robustness, regression, system and

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

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

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

SIST ES 203 215 V1.2.1:2016

2016-07 (po) (en) 23 str. (F)

Okoljski inženiring (EE) - Merilne metode in mejne vrednosti za porabo električne energije v opremi za širokopasovna telekomunikacijska omrežja

Environmental Engineering (EE) - Measurement Methods and Limits for Power Consumption in Broadband Telecommunication Networks Equipment

Osnova: ETSI ES 203 215 V1.2.1 (2011-08)

ICS: 35.040.01, 19.040

The present document defines the power consumption limits, the methodology and the test conditions to measure the power consumption of broadband fixed telecommunication networks equipment.

The power consumption limits are mostly in line with the European Code of Conduct for Broadband Equipment version 3 [i.1] but also made some extension on power targets roadmap.

The types of broadband access technologies covered by the present document are the ones widely deployed at the date of publication. Currently, the present document considers DSLAM DSL, MSAN, GPON OLT, Point to Point OLT equipment. Other access technologies may be included in further versions of the present document.

In addition to the full power state, power-saving states as defined in DSL standards [i.2] and [i.3] are also covered. The present document focuses on Network Equipment. The end-user equipment will be handled in other document.

SIST ES 283 035 V2.7.1:2016

2016-07 (po) (en) 28 str. (G)

Omrežne tehnologije (NTECH) - Omrežne priključitve - Vmesnik e2 na podlagi protokola DIAMETER

Network Technologies (NTECH) - Network Attachment - e2 interface based on the DIAMETER protocol

Osnova: ETSI ES 283 035 V2.7.1 (2014-07)

ICS: 35.040.01, 35.200

The present document specifies a Diameter application for use between a Connectivity session Location and repository Function (CLF) and an Application Function (AF).

SIST/TC SPO Šport

SIST EN 12503-2:2016

SIST EN 12503-2:2002

SIST EN 12503-2:2002/AC:2005

2016-07 (po) (en;fr;de) 7 str. (B)

Športne blazine - 2. del: Blazina za skok s palico in skok v višino, varnostne zahteve
Sports mats - Part 2: Pole vault and high jump mats, safety requirements

Osnova: EN 12503-2:2016

ICS: 97.220.30

This European Standard specifies safety requirements (including performance requirements) for 3 types of high jump and pole vault mats used in school, training and competition (see Clause 4).

The performance and safety values cover shock absorption and anti-slip characteristics of the base.

NOTE For the specific requirements of international official competitions, see appropriate international regulations.

SIST EN 12503-4:2016 SIST EN 12503-4:2015
2016-07 (po) (en;fr;de) **13 str. (D)**
Športne blazine - 4. del: Ugotavljanje ublažitve udarca
Sports mats - Part 4: Determination of shock absorption
Osnova: EN 12503-4:2016
ICS: 97.220.30

This European Standard specifies a method of test for the determination of shock absorption characteristics of sports mats types 1 to 8 of EN 12503-1:2013, 9 to 11 of prEN 12503-2:2015 and 12 of EN 12503-3:2001.

SIST/TC TLP Tlačne posode

SIST EN 16652-1:2016
2016-07 (po) (en;fr;de) **29 str. (G)**
Oprema in pribor za utekočinjeni naftni plin (UNP) - Delavnice za motorna vozila na UNP - 1. del: Delovna območja in postopki
LPG equipment and accessories - Automotive LPG vehicles workshops - Part 1: Working areas and procedures
Osnova: EN 16652-1:2016
ICS: 25.020.20, 43.180

This European Standard sets out requirements for the working areas and procedures for the following types of work or activity:

- a) equipping vehicles to use LPG with permanently installed LPG containers;
- b) maintenance, servicing and repairs to the LPG systems installed in vehicles,
- c) vehicle maintenance, servicing and repairs not involving the LPG system,

The operations described in Items a) and b) above are undertaken in specialist LPG working areas, whereas Item c) is undertaken in general service working areas.

SIST/TC VAZ Varovanje zdravja

SIST EN ISO 18556:2016
2016-07 (po) (en) **12 str. (C)**
Zobozdravstvo - Intraoralne spatule (ISO 18556:2016)
Dentistry - Intraoral spatulas (ISO 18556:2016)
Osnova: EN ISO 18556:2016
ICS: 11.060.20

This International Standard applies to intraoral spatulas (e.g. metallic Heidemann spatulas) and specifies requirements and test methods for shapes and dimensions as well as information on marking.

SIST EN ISO 2157:2016 SIST EN ISO 2157:2000
2016-07 (po) (en) **12 str. (C)**
Zobozdravstvo - Nazivni premeri in številke oznake vrtilnih instrumentov (ISO 2157:2016)
Dentistry - Nominal diameters and designation code numbers for rotary instruments (ISO 2157:2016)
Osnova: EN ISO 2157:2016
ICS: 11.060.25

This International Standard specifies the nominal diameters of the working parts of dental rotary instruments, for example burs, laboratory burs, grinding instruments, diamond instruments, mandrels and the corresponding designation.

Excluded are the diameters of endodontic instruments and scaler tips.

SIST EN ISO 7396-1:2016

SIST EN ISO 7396-1:2007
SIST EN ISO 7396-1:2007/A1:2010
SIST EN ISO 7396-1:2007/A2:2010
SIST EN ISO 7396-1:2007/A3:2015

2016-07 (po) (en) 191 str. (R)

Sistemi napeljav za medicinske pline - 1. del: Sistemi napeljav za stisnjene medicinske pline in podtlak (ISO 7396-1:2016)

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

Osnova: EN ISO 7396-1:2016

ICS: 11.040.10

This part of ISO 7396 specifies requirements for design, installation, function, performance, testing, commissioning and documentation of pipeline systems used in healthcare facilities for the following:

- oxygen;
- nitrous oxide;
- medical air;
- carbon dioxide;
- oxygen/nitrous oxide mixtures (see Note 1);
- helium/oxygen mixtures;
- (*) oxygen 93;
- gases and gas mixtures classified as medical device, gases delivered to medical devices or intended for medical purposes or gases and gas mixtures for medicinal use not specified above;
- air for driving surgical tools;
- nitrogen for driving surgical tools;
- vacuum.

NOTE 1 Regional or national regulations may prohibit the distribution of oxygen/nitrous oxide mixtures in medical gas pipeline systems.

NOTE 2 Anaesthetic gas scavenging disposal systems are covered in ISO 7396-2.

This part of ISO 7396 includes requirements for supply systems, pipeline distribution systems, control systems, monitoring and alarm systems and non-interchangeability between components of different gas/vacuum systems.

This part of ISO 7396 specifies safety requirements for pipeline systems used in healthcare facilities, both public and private. It applies to all facilities providing healthcare services regardless of type, size, location or range of services, including, but not limited to:

- a) acute care healthcare facilities;
- b) internal patient continuing care healthcare facilities;
- c) long-term care facilities;
- d) community-based providers;
- e) ambulatory and external patient care clinics (e.g. day surgery, endoscopy clinics and doctors' offices).

NOTE 3 This part of ISO 7396 may also be used as reference for pipeline systems for medical gases and vacuum intended to be installed in places other than healthcare facilities.

This part of ISO 7396 applies to the following different types of oxygen supply systems:

- supply systems in which all sources of supply deliver oxygen; in this case the concentration of the oxygen will be greater than 99%;
- supply systems in which all sources of supply deliver oxygen 93; in this case the concentration of the oxygen may vary between 90% and 96%;

NOTE 4 A mixture of oxygen 95 and oxygen may be delivered by a medical gas supply system. In this case the concentration of the gas can vary between 90% and >99%.

This part of ISO 7396 also applies to:

- extensions of existing pipeline distribution systems;
- modifications of existing pipeline distribution systems;
- modifications or replacement of supply systems or sources of supply.

Oxygen concentrators for domiciliary use are excluded from the scope of this part of ISO 7396.

NOTE 5 Requirements for oxygen concentrators for domiciliary use are specified in ISO 80601-2-69.

(*) EN 14931 defines additional requirements for hyperbaric application, in particular for flows and pressures of compressed air required to pressurize the hyperbaric chamber and to drive other connected services. Also included are requirements for oxygen and other treatment gases administered to patients.

This part of ISO 7396 does not apply to vacuum systems intended to be used in dentistry.

This part of ISO 7396 does not apply to filling systems for transportable cylinders and transportable cylinder bundle systems.

SIST EN ISO 7787-1:2016

SIST EN 27787-1:2000

SIST EN 27787-1:2000/AC1:2000

2016-07 (po) (en) **16 str. (D)**

Zobozdravstvo - Laboratorijska rezila - 1. del: Jeklena laboratorijska rezila (ISO 7787-1:2016)

Dentistry - Laboratory cutters - Part 1: Steel laboratory cutters (ISO 7787-1:2016)

Osnova: EN ISO 7787-1:2016

ICS: 11.060.20

This part of ISO 7787 specifies dimensional and other requirements for the nine most commonly used steel cutters which are predominantly used in the dental laboratory.

Other characteristics of laboratory cutters, for example, spiralled blades or cross-cut, are not covered by this part of ISO 7787.

NOTE These cutters are also used in podiatry.

SIST-TS CEN/TS 16945:2016

2016-07 (po) (en;fr;de) **18 str. (E)**

Molekularne diagnostične preiskave in vitro - Specifikacije za predpreiskovalne procese metabolomike v urinu, serumu in plazmi venske krvi

Molecular in vitro diagnostic examinations - Specifications for pre-examination processes for metabolomics in urine, venous blood serum and plasma

Osnova: CEN/TS 16945:2016

ICS: 11.100.10

This Technical Specification covers the preanalytical phase and recommends the handling, documentation and processing of urine, venous blood plasma and serum intended for metabolomics analysis. This Technical Specification is applicable to metabolomics examinations and is of importance to biomedical laboratories, customers of laboratories, in vitro diagnostics developers and manufacturers, institutions and companies performing biomedical research, biobanks, and regulatory authorities.

The adoption of the described procedures for the preanalytical phase make it possible to compare and evaluate the results obtained from metabolic profiling analysis.

SIST/TC ŽEN Železniške električne naprave

SIST EN 50617-2:2015/AC:2016

2016-07 (po) (en) 1 str. (AC)

Železniške naprave - Tehnični parametri sistemov za ugotavljanje lokacije vlakov, ki zagotavljajo medobratovalnost vseevropskega železniškega sistema - 2. del: Števci osi

Railway Applications - Technical parameters of train detection systems for the interoperability of the trans-European railway system - Part 2: Axle counters

Osnova: EN 50617-2:2015/AC:2016

ICS: 45.020

SIST EN 60310:2016

SIST EN 60310:2004

2016-07 (po) (en) 73 str. (L)

Železniške naprave - Transformatorji in dušilke vlečnih tokokrogov na voznih sredstvih

Railway applications - Traction transformers and inductors on board rolling stock

Osnova: EN 60310:2016

ICS: 45.060.10, 29.180

This International Standard applies to traction and auxiliary power transformers installed on board rolling stock and to the various types of power inductors inserted in the traction and auxiliary circuits of rolling stock, of dry or liquid-immersed design.

NOTE The requirements of IEC 60076 (all parts) are applicable to transformers and inductors where they do not conflict with this standard, or with the specialized IEC publications dealing with traction applications.

This standard can also be applied, after agreement between purchaser and manufacturer, to the traction transformers of three-phase a.c. line-side powered vehicles and to the transformers inserted in the single-phase or poly-phase auxiliary circuits of vehicles, except instrument transformers and transformers of a rated output below 1 kVA single-phase or 5 kVA poly-phase. This standard does not cover accessories such as tap changers, resistors, heat exchangers, fans, etc., intended for mounting on the transformers or inductors, which are tested separately according to relevant rules.

SIST EN 61375-2-3:2016/AC:2016

2016-07 (po) (en) 3 str. (AC)

Železniške elektronske naprave - Komunikacijsko omrežje vlaka (TCN) - 2-3. del: Komunikacijski profil TCN

Electronic railway equipment - Train communication network (TCN) - Part 2-3: TCN communication profile

Osnova: EN 61375-2-3:2016/AC:2016

ICS: 45.060.01, 35.240.60

Popravek k standardu SIST EN 61375-2-3:2016.

Ta del standarda IEC 61375 določa pravila za izmenjavo podatkov med sestavi vlaka. Združevanje teh pravil opredeljuje komunikacijski profil TCN.

Cilj komunikacijskega profila je zagotoviti interoperabilnost med sestavi posameznega vlaka z vidika izmenjave informacij. V ta namen opredeljuje vse postavke, potrebne za interoperabilnost komunikacije:

- arhitekturo z opredeljenimi smermi vlaka v povezavi z različnimi pogledi vlaka,
- koncept skupnega funkcionalnega naslavljanja,
- skupni komunikacijski protokol za izmenjavo podatkov med funkcijami,
- nabor storitev za nadzor komunikacije vlaka.

Ob tem velja omejitev, da mora biti komunikacijski profil skladen s tehnologijo ethernetnega hrbteničnega omrežja vlaka (ETB), ki je opredeljena v standardu IEC 61375-2-5. V primerjavi z omrežji sestavov vlaka je opredeljen abstraktnejši vmesnik, ki ne omejuje uporabe posamezne tehnologije omrežja sestavov vlaka, kot je

na primer MVB (IEC 61375-3-1), CANOpen (IEC 61375-3-3) ali ECN (IEC 61375-3-4). Komunikacijski profil ne zajema opredelitve vsebine podatkov aplikacije in njenega pomena (tj. skladnje in semantike). To spada k nalogam profilov aplikacij. Izrecno sta namreč podprta dva profila aplikacij, kot je prikazano na sliki 1: profil aplikacije TCMS, ki je opredeljen v standardu IEC 61375-2-4, in profili, povezani s storitvami večpredstavnosti v vozilu in telematike (OMTS), opredeljeni v družini standardov IEC 62580.

SIST EN 61377:2016

SIST EN 61377-1:2006

SIST EN 61377-2:2003

SIST EN 61377-3:2005

2016-07 (po) (en) **49 str. (I)**

Železniške naprave - Vozna sredstva - Kombinirano preskušanje motorjev in njihovega krmiljenja
Railway applications - Rolling stock - Combined-testing of motors and their control system

Osnova: EN 61377:2016

ICS: 45.060.01, 29.160.30

This International Standard applies to the traction system consisting (when it applies) of traction motor(s), converter(s), traction control equipment including software, transformer, input filters, brake resistors, main circuit-breaker, cooling equipment, transducers, contactors, etc. Current collector, mechanical braking systems and gearbox are not in the scope of this standard.

Types of motors applicable in this standard are asynchronous, or synchronous including permanent magnet (PMM), or direct current (DC).

The auxiliary converter(s) is (are) part of the scope when the auxiliary converter is enclosed within the traction converter. Otherwise, when the traction system feeds an auxiliary system outside the traction converter, the auxiliary system can be replaced by an equivalent load. NOTE 1 Energy storage system is not considered in this standard since there is no specific type test standard for energy storage system.

NOTE 2 Auxiliary loads validation is not part of this standard.

NOTE 3 The gearbox can be part of test set-up, but it is not a part of traction system.

The objective of this standard is to specify the type test of a traction system, mainly comprising of:

- test of performance characteristics;
- test methods of verifying these performance characteristics.

This standard does not specify the type test of each individual component.

The traction system under test incorporates at least one complete traction conversion line (at least one traction converter and its related loads, one transformer in the case of AC supply or input filter in the case of DC supply). The representativeness of the traction system under test versus the actual traction system is agreed between the user and manufacturer.

The traction system under test is equipped with components that are representative of the production series.

Deviations may be permitted by agreement between user and manufacturer, and are justified from an impact stand point in advance of the test. Using equivalent components or parts is permitted if no significant influence on the test result is expected.

SIST EN 62621:2016

SIST EN 50151:2004

2016-07 (po) (en) **31 str. (G)**

Železniške naprave - Stabilne naprave električne vleke - Posebne zahteve za kompozitne izolatorje za vozne vode omrežij

Railway applications - Fixed installations - Electric traction - Specific requirements for composite insulators used for overhead contact line systems

Osnova: EN 62621:2016

ICS: 29.080.10, 29.280

This International Standard specifies characteristics for composite insulators of electric traction overhead contact line systems for railways, as defined in IEC 60913. Insulators specified in this standard are applied for electric traction supply voltages with a nominal voltage greater than 1 000

V for a.c. or a nominal voltage greater than 1 500 V for d.c.. Specific applications where high torsional loads can occur are outside the scope of this standard and particular tests are agreed between the supplier and customer to represent the critical loading arrangements.

This International Standard applies to composite insulators as defined in 3.1 below and not to other polymeric insulators.

The provisions contained in this standard are intended for the design and construction of new electric traction overhead contact line systems using insulators, or when complete refurbishment of existing overhead contact line systems takes place.

This standard provides the purchaser and manufacturer with a range of tests which are used to evaluate the suitability of an insulator product for a given railway environment. Additional tests may be specified by the client to measure the compliance of the insulator under particular operating conditions.

The standard establishes the product characteristics, the test methods and acceptance criteria. The object of this standard is to stipulate the provisions for the design and provision of the service indicated by the manufacturer to the customer or informed buyer for application on the railway infrastructure.

SIST EN 62718:2016

SIST EN 50511:2005

2016-07 (po) (en)

43 str. (I)

Železniške naprave - Vozna sredstva - Elektronska bremena za fluorescenčne svetilke, napajane z enosmerno napetostjo

Railway applications - Rolling stock - DC supplied electronic ballasts for lighting fluorescent lamps

Osnova: EN 62718:2016

ICS: 45.040, 29.140.99

IEC 62718:2015 specifies the performance and constructional requirements, and associated tests, for d.c. supplied electronic ballasts used to supply fluorescent lamps for lighting on railway rolling stock. Its requirements replace those of IEC 61547 for all railway rolling stock applications and specify and complete those of IEC 61547 for the specific needs of railway rolling stock applications.

SIST-TS CLC/TS 50459-2:2016

SIST-TS CLC/TS 50459-2:2006

2016-07 (po) (en)

101 str. (N)

Železniške naprave - Komunikacijski, signalni in procesni sistemi - Evropski sistem za vodenje železniškega prometa - Vmesnik človek-stroj - 2. del: Ergonomska razporeditev informacij GSM-R

Railway applications - Communication, signalling and processing systems - European Rail Traffic Management System - Driver-Machine Interface - Part 2: Ergonomic arrangements of GSM-R information

Osnova: CLC/TS 50459-2:2015

ICS: 35.240.60, 13.180, 03.220.30

This Technical Specification describes from an ergonomic point of view how GSM-R information shall be arranged and displayed. More specifically it covers information that is out of the scope of ERA document ERA_ERTMS_015560. This Technical Specification describes more ergonomic details than currently provided by the GSM-R specifications.

This Technical Specification defines the ergonomics for the Driver-Machine Interface (DMI) for the stand alone ERTMS/GSM-R Voice Radio Systems.

SIST-TS CLC/TS 50459-3:2016

SIST-TP CLC/TR 50459-7:2007
SIST-TS CLC/TS 50459-3:2006
SIST-TS CLC/TS 50459-4:2006
SIST-TS CLC/TS 50459-5:2006
SIST-TS CLC/TS 50459-6:2006

2016-07 (po) (en) 75 str. (L)

Železniške naprave - Komunikacijski, signalni in procesni sistemi - Evropski sistem za vodenje železniškega prometa - Vmesnik človek-stroj - 3. del: Ergonomska razporeditev informacij, ki niso ETCS

Railway applications - Communication, signalling and processing systems - European Rail Traffic Management System - Driver-Machine Interface - Part 3: Ergonomic arrangements of non ETCS information

Osnova: CLC/TS 50459-3:2016

ICS: 35.240.60, 03.220.30, 13.180

This Technical Specification describes from an ergonomic point of view how non ETCS information are arranged and displayed on the CCD. More specifically, it covers information that is not within the scope of ERA document ERA_ERTMS_015560. This Technical Specification describes two possible technologies for implementing the ETCS DMI namely touch screen and soft key.

National systems not integrated within ETCS DMI are not within the scope of this specification. Redundancy concepts are not within the scope of this document.

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

SIST EN 60695-1-20:2016

2016-07 (po) (en) 26 str. (F)

Preskušanje požarne ogroženosti - 1-20. del: Navodilo za ocenjevanje požarne ogroženosti elektrotehničnih izdelkov - Vnetljivost - Splošno navodilo (IEC 60695-1-20:2016)

Fire hazard testing - Part 1-20: Guidance for assessing the fire hazard of electrotechnical products - Ignitability - General guidance (IEC 60695-1-20:2016)

Osnova: EN 60695-1-20:2016

ICS: 13.220.40, 29.020

This part of IEC 60695 provides guidance on the ignitability of electrotechnical products and the materials from which they are formed. It gives guidance on:

- a) the principles of ignitability;
- b) the selection of appropriate test methods, and
- c) the use and interpretation of results.

This part of IEC 60695 is intended for use by technical committees in preparation of standards in accordance with the principles laid down in IEC Guide 104 and ISO/IEC Guide 51. One of the responsibilities of a technical committee is, wherever applicable, to make use of basic safety publications in the preparation of its publications. The requirements, test methods or test conditions of this basic safety publication will not apply unless specifically referred to or included in the relevant publications.

SIST EN 61788-4:2016

SIST EN 61788-4:2011

2016-07 (po) (en) 35 str. (H)

Superprevodnost - 4. del: Meritve razmerja preostale upornosti - Preostala upornost za superprevodnike iz kompozita Nb-Ti in Nb₃Sn (IEC 61788-4:2016)

Superconductivity - Part 4: Residual resistance ratio measurement - Residual resistance ratio of Nb-Ti and Nb₃Sn composite superconductors (IEC 61788-4:2016)

Osnova: EN 61788-4:2016

ICS: 17.220.20, 29.050

This part of IEC 61788 specifies a test method for the determination of the residual resistance ratio (RRR) of Nb-Ti and Nb₃Sn composite superconductors with Cu, Cu-Ni, Cu/Cu-Ni and Al matrix. This method is intended for use with superconductor specimens that have a monolithic structure with rectangular or round cross-section, RRR value less than 350, and cross-sectional area less than 3 mm². In the case of Nb₃Sn, the specimens have received a reaction heat-treatment.

SIST EN 62282-3-200:2016

SIST EN 62282-3-200:2012

2016-07 (po) (en)

77 str. (L)

Tehnologije gorivnih celic - 3-200. del: Nepremični elektroenergetski sistemi z gorivnimi celicami - Preskusne metode zmogljivosti (IEC 62282-3-200:2015)

Fuel cell technologies - Part 3-200: Stationary fuel cell power systems - Performance test methods (IEC 62282-3-200:2015)

Osnova: EN 62282-3-200:2016

ICS: 27.070

Ta del standarda IEC 62282 zajema obratovalne in okoljske vidike zmogljivosti nepremičnih elektroenergetskih sistemov z gorivnimi celicami. Preskusne metode se uporabljajo, kot sledi:

- izhodna moč pod navedenimi obratovalnimi in prehodnimi pogoji;
- učinkovitost ponovnega pridobivanja električne in toplotne energije pod navedenimi obratovalnimi pogoji;
- okoljske značilnosti, na primer emisije izpustov, hrupa, itn. pod navedenimi obratovalnimi in prehodnimi pogoji.

Ta standard ne zajema elektromagnetne združljivosti (EMC).

Ta standard se ne uporablja za majhne nepremične elektroenergetske sisteme z gorivnimi celicami z izhodno močjo električne energije, manjšo od 10 kW, ki so obravnavani v standardu IEC 62282-3-201.

Elektroenergetski sistemi z gorivnimi celicami imajo lahko različne podsisteme, kar je odvisno od tipov gorivnih celic in njihove uporabe, ter različne pretoke materiala in energije v sisteme ter iz njih.

Vendar za vrednotenje elektroenergetskega sistema z gorivnimi celicami sta določena diagram in meja splošnega sistema (glej sliko 1).

Za določanje sistemske meje elektroenergetskega sistema z gorivnimi celicami se upoštevajo naslednji pogoji:

- v sistemsko mejo so vključeni vsi sistemi za energetske predelavo;
- vse vrste naprav za shranjevanje električne energije so zunaj sistemske meje;
- izračun vrednosti segrevanja vhodnega goriva (kot so zemeljski plin, propan in čisti vodik v plinastem stanju) temelji na pogojih goriva na meji elektroenergetskega sistema z gorivnimi celicami.

SIST EN 62841-2-11:2016

SIST EN 60745-2-11:2010

2016-07 (po) (en)

29 str. (G)

Elektromotorna ročna orodja, prenosna orodja ter stroji za trato in vrt - Varnost - 2-11. del: Posebne zahteve za ročne povratne žage (vbodne in sabljaste žage) (IEC 62841-2-11:2015)

Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 2-11: Particular requirements for hand-held reciprocating saws (jig and sabre saws) (IEC 62841-2-11:2015)

Osnova: EN 62841-2-11:2016

ICS: 25.140.20, 25.080.60

This standard applies to reciprocating saws such as jig saws and sabre saws.

SIST EN ISO 80369-6:2016**2016-07 (po) (en)**

Priključki z majhnim premerom za tekočine in pline za uporabo v zdravstvu - 6. del: Priključki za nevroaksialno uporabo (ISO 80369-6:2016)

Small bore connectors for liquids and gases in healthcare applications - Part 6: Connectors for neuraxial applications (ISO 80369-6:2016)

Osnova: EN ISO 80369-6:2016

ICS: 11.040.25

Ta del standarda ISO 80369 določa zahteve za PRIKLJUČKE Z MAJHNIM PREMEROM, namenjene za NEVROAKSIALNO UPORABO. Ta del standarda ISO 80369 ne določa zahtev za MEDICINSKE PRIPOMOČKE ali OPREMO, ki uporablja te PRIKLJUČKE. Takšne zahteve so podane v posameznih mednarodnih standardih za specifične MEDICINSKE PRIPOMOČKE ali OPREMO. OPOMBA: PROIZVAJALCEM se priporoča, da PRIKLJUČKE Z MAJHNIM PREMEROM, ki so določeni v tem delu standarda ISO 80369, vključijo v MEDICINSKE PRIPOMOČKE, medicinske sisteme ali OPREMO, tudi če zadevni posamezni standardi za pripomočke tega trenutno ne zahtevajo. Predvideva se, da bodo ob reviziji zadevnih posameznih standardov za pripomočke vanje vključene zahteve za PRIKLJUČKE Z MAJHNIM PREMEROM, kot so določene v tem delu standarda ISO 80369. Poleg tega je znano, da bo treba razviti standarde za vse MEDICINSKE PRIPOMOČKE za NEVROAKSIALNO UPORABO.

SIST EN 60384-14:2014/AC:2016**2016-07 (po) (en) 3 str. (AC)**

Fiksni kondenzatorji za uporabo v elektronskih napravah - 14. del: Področna specifikacija - Fiksni kondenzatorji za dušenje elektromagnetnega motenja in za povezovanje z omrežnim napajanjem - Popravek AC

Fixed capacitors for use in electronic equipment - Part 14: Sectional specification - Fixed capacitors for electromagnetic interference suppression and connection to the supply mains

Osnova: EN 60384-14:2015/AC:2016-04

ICS: 31.060.10

Popravek k standardu SIST EN 60384-14:2014.

Ta del standarda IEC 60384 velja za kondenzatorje in kombinacije uporov/kondenzatorjev, ki se priključijo v izmenično napajalno omrežje ali drug vir napajanja z nazivno sistemsko napetostjo do 1000 V izmenične napetosti (efektivne izmenične napetosti) ali do 1000 V enosmerne napetosti in z nazivno frekvenco do 100 Hz.

SIST EN 60384-14-1:2016

SIST EN 60384-14-1:2006

SIST EN 60384-14-3:2005

2016-07 (po) (en) 17 str. (E)

Nespremenljivi kondenzatorji za uporabo v elektronski opremi - 14-1. del: Okvirna podrobna specifikacija - Nespremenljivi kondenzatorji za dušenje elektromagnetnega motenja in priključevanje na omrežno napajanje - Raven ocenjevanja DZ

Fixed capacitors for use in electronic equipment - Part 14-1: Blank detail specification: Fixed capacitors for electromagnetic interference suppression and connection to the supply mains - Assessment level DZ

Osnova: EN 60384-14-1:2016

ICS: 31.060.10

This standard forms the basis for a uniform procedure for a common international safety mark. It implements the approval schedule for safety tests in IEC 60384-14, requires a declaration of design for parameters relevant to safety and indicates conformance tests to be conducted on every lot prior to its release and requalification tests depending on changes to the declared design. This specification offers the assessment level DZ (zero defects). The use of IEC 60384-14-1, may be more appropriate for components manufactured in mass production, whereas the employment of IEC 60384-14-2 (safety tests only) may be necessary in those cases where approval and

requalification tests contribute considerably to the costs of the product. A blank detail specification is a supplementary document to the sectional specification and contains requirements for style, layout and minimum content of detail specifications. Detail specifications not complying with these requirements may not be considered as being in accordance with IEC specifications, nor shall they so be described. In the preparation of detail specifications the content of 1.4 of the sectional specification shall be taken into account.

SIST EN 60393-2:2016

2016-07 (po) (en) **30 str. (G)**

Potenciometri za elektronsko opremo - 2. del: Področna specifikacija - Potenciometri z vodilnim vijakom in vrtilni prednastavljivi potenciometri

Potentiometers for use in electronic equipment - Part 2: Sectional specification - Lead-screw actuated and rotary preset potentiometers

Osnova: EN 60393-2:2016

ICS: 31.040.20

This part of IEC 60393 applies to lead-screw actuated and rotary preset potentiometers, wirewound and non-wirewound for use in electronic equipment. These potentiometers are primarily intended for use in circuits for trimming purposes which require infrequent adjustments. This part of IEC 60393 prescribes preferred ratings and characteristics and selects from IEC 60393-1 the appropriate quality assessment procedures, tests and measuring methods. It provides general performance requirements for this type of potentiometer. This standard gives the minimum performance requirements and test severities.

SIST EN 60393-5:2016

2016-07 (po) (en) **36 str. (H)**

Potenciometri za elektronsko opremo - 5. del: Področna specifikacija - Vrtilni žični in nežični potenciometri majhne moči z enim vrtljajem (IEC 60393-5:2015)

Potentiometers for use in electronic equipment - Part 5: Sectional specification - Single-turn rotary low-power wirewound and nonwirewound potentiometers (IEC 60393-5:2015)

Osnova: EN 60393-5:2016

ICS: 31.040.20

This part of IEC 60393 applies to single-turn rotary low-power wirewound and non-wirewound potentiometers, with a rated dissipation less than to 10 W. These potentiometers are primarily intended for use in electronic equipment.

This part of IEC 60393 prescribes preferred ratings and characteristics and selects from IEC 60393-1, appropriate quality assessment procedures, tests and measuring methods. It provides general performance requirements for this type of potentiometer.

This standard gives the minimum performance requirements and test severities.

SIST EN 60393-6:2016

2016-07 (po) (en) **31 str. (G)**

Potenciometri za elektronsko opremo - 6. del: Področna specifikacija - Prednastavljeni potenciometri za površinsko montažo

Potentiometers for use in electronic equipment - Part 6: Sectional specification - Surface mount preset potentiometers

Osnova: EN 60393-6:2016

ICS: 31.040.20

This part of IEC 60393 applies to surface mount preset potentiometers for use in electronic equipment. This part of IEC 60393 prescribes preferred ratings and characteristics and selects from IEC 60393-1, the appropriate quality assessment procedures, tests and measuring methods, and it gives general performance requirements for this type of potentiometers.

This standard gives the minimum performance requirements and test severities.

SIST EN 60603-7-81:2016**2016-07 (po) (en) 20 str. (E)**

Konektorji za elektronsko opremo - 7-81. del: Podrobna specifikacija za 8-polne, oklepljene, proste in pritrjene konektorje za prenos podatkov s frekvencami do 2000 MHz (IEC 60603-7-81:2015)
Connectors for electronic equipment - Part 7-81: Detail specification for 8-way, shielded, free and fixed connectors, for data transmissions with frequencies up to 2 000 mhz (IEC 60603-7-81:2015)

Osnova: EN 60603-7-81:2016

ICS: 31.220.10

This part of IEC 60603 covers 8-way, shielded, free and fixed connectors, references dimensional, mechanical, electrical and environmental characteristics and tests in IEC 60603-7, and specifies electrical transmission requirements, including power sum alien (exogenous) crosstalk, for frequencies up to 2 000 MHz.

These connectors are typically used as “category 8.1” connectors in “class I” cabling systems specified in ISO/IEC 11801.

These connectors are intermateable and interoperable with other IEC 60603-7 series connectors as defined in Clause 2 of IEC 60603-7.

These connectors are backward compatible with other IEC 60603-7 series connectors, except IEC 60603-7-7 and IEC 60603-7-71 connectors.

NOTE Transmission performance categories: in this IEC standard, the term “category”, when used in reference to transmission performance, refers to those categories defined by ISO/IEC 11801.

SIST EN 60939-3:2016/AC:2016**2016-07 (po) (en) 3 str. (AC)**

Pasivni filtri za dušenje elektromagnetnega motenja - 3. del: Enote pasivnih filtrov, za katere varnostni preskusi ustrezajo - Popravek AC

Passive filter units for electromagnetic interference suppression - Part 3: Passive filter units for which safety tests are appropriate

Osnova: EN 60939-3:2015/AC:2016-04

ICS: 31.160

Popravek k standardu SIST EN 60939-3:2016.

Specifikacija zajema pasivne filtre za slabenje neželenih radiofrekvenčnih signalov (kot so šum ali motnje), ki jih ustvarijo elektromagnetni viri. Ta specifikacija zajema tako enokanalne kot tudi večkanalne filtre v enem ohišju ali filtre, nameščene na tiskanem vezju, ki tvorijo kompaktno entiteto. Filtri, zgrajeni iz kapacitivnih elementov, pri katerih zgradba filtra zagotavlja induktivnost, so vključeni v obseg te specifikacije. Podobno so v obseg te specifikacije vključeni tudi filtri, zgrajeni iz induktivnih elementov, pri katerih zgradba filtra zagotavlja kapacitivnost. Proizvajalec se sam odloči, ali želi dano komponento označiti kot kondenzator, induktor ali filter. V filtre je mogoče vključiti tudi druge komponente, kot so upori in/ali varistorji ali podobne komponente. Ta specifikacija se uporablja za pasivne filtre za dušenje elektromagnetnih motenj, ki so podvrženi varnostnim preskusom. To pomeni, da se filtri, določeni v skladu s to specifikacijo, priključijo na omrežno napajanje, kadar je zahtevana skladnost z obveznimi preskusi iz preglednice 3, ali se uporabijo na drugih mestih v tokokrogu, za katera specifikacija opreme predpisuje, da so zahtevani nekateri ali vsi ti varnostni preskusi. Ta specifikacija se uporablja za pasivne filtre, ki se priključijo na izmenično omrežno napajanje ali drugo vrsto napajanja (enosmerno ali izmenično) z nazivno izmenično napetostjo, manjšo od 1000 V, in nazivno frekvenco, manjšo od 400 Hz, ali nazivno enosmerno napetostjo, manjšo od 1500 V. OPOMBA: Pri uporabi z izmenično napetostjo se standard IEC 60384-14 uporablja za kondenzatorje, ki se priključijo na izmenično omrežno napajanje z nazivno frekvenco, manjšo od 100 Hz.

Ta specifikacija zajema filtre za naprave (US), vendar ne zajema filtrov za sisteme, filtrov, priključenih s kablom, ali filtrov za neposredno priključitev. Ti filtri bodo obravnavani v drugi področni specifikaciji.

SIST EN 61162-450:2011/A1:2016**2016-07 (po) (en) 12 str. (C)**

Pomorska navigacijska in radiokomunikacijska oprema in sistemi - Digitalni vmesniki - 450. del: Več govorcev in poslušalcev - Mrežna povezava prek eterneta - Dopnilo A1

Maritime navigation and radiocommunication equipment and systems - Digital interfaces - Part 450: Multiple talkers and multiple listeners - Ethernet interconnection

Osnova: EN 61162-450:2011/A1:2016

ICS: 33.060.01, 47.020.70

Dopnilo A1:2016 je dodatek k standardu SIST EN 61162-450:2011.

Ta del IEC 61162 določa zahteve za vmesnike in metode preskušanja visokohitrostne komunikacije med navigacijo na ladji in radiokomunikacijsko opremo ter med takimi sistemi in drugimi ladijskimi sistemi, ki so povezani z navigacijsko in radiokomunikacijsko opremo. Ta del IEC 61162 temelji na uporabi ustrezne zbirke obstoječih mednarodnih standardov in zagotavlja okvir za izvedbo prenosa podatkov med napravami v ethernetem omrežju na ladji. Ta standard navaja alternativo z večjo hitrostjo in večjo zmogljivostjo kot standarda IEC 61162-1 in IEC 61162-2, hkrati pa ohranja osnovni format podatkov iz teh standardov. Ta standard zagotavlja večjo zmogljivost za podatke kot IEC 61162-3. Ta standard določa na eternetu nameščeno omrežje z vodili, kjer lahko vsak poslušalec sprejema sporočila od katerega koli pošiljatelja z naslednjimi lastnostmi. - Ta standard vključuje določbe za večvrstno distribucijo informacij, formatiranih v skladu z IEC 61162-1, na primer pozicijskih navigacijskih točk in druge meritve, ter določbe za prenos splošnih podatkovnih sklopov (binarna slika), na primer med radarjem in VDR. - Ta standard je omejen na protokole za opremo (omrežne vozle), povezane z enojnim ethernetim omrežjem, sestavljenim iz samo ene ravni OSI ali dveh naprav in kablov (omrežna infrastruktura). - Ta standard podaja zahteve samo za vmesnike za opremo. Z določitvijo protokolov za prenos zaporedij IEC 61162-1 in splošnih podatkov binarnih slik te zahteve zagotavljajo medobratovalnost med opremo, ki izvaja ta standard, in določeno raven varnega vedenja same opreme. - Ta standard omogoča, da si oprema, ki uporablja protokole, ki niso določeni v tem standardu, deli omrežno infrastrukturo, pod pogojem, da je na voljo z vmesniki, ki ustrezajo zahtevam, opisanim za ONF (glej 4.6). - Ta standard ne vsebuje sistemskih zahtev, razen tistih, ki se lahko ugotovijo iz vsote posamičnih zahtev za opremo. Za zagotavljanje sistemskih lastnostih, ki jih ni mogoče izpeljati iz zahtev za opremo, je potrebna dodatna analiza ali standardi. Še zlasti to velja za zahteve za vzdrževanje funkcionalnosti sistema pri enotočkovni odpovedi opreme ali omrežij. Informativni dodatek D vsebuje vodilo o obravnavi takih težav.

SIST EN 62047-1:2016

SIST EN 62047-1:2007

2016-07 (po) (en) 34 str. (H)

Polprevodniški elementi - Mikroelektromehanski elementi - 1. del: Izrazi in definicije (IEC 62047-1:2016)

Semiconductor devices - Micro-electromechanical devices - Part 1: Terms and definitions (IEC 62047-1:2016)

Osnova: EN 62047-1:2016

ICS: 01.040.31, 31.080.01

This part of IEC 62047 defines terms for micro-electromechanical devices including the process of production of such devices.

SIST EN 62047-26:2016**2016-07 (po) (en) 30 str. (G)**

Polprevodniški elementi - Mikroelektromehanski elementi - 26. del: Opis in merilne metode za mikrokanalske in iglaste strukture

Semiconductor devices - Micro-electromechanical devices - Part 26: Description and measurement methods for micro trench and needle structures

Osnova: EN 62047-26:2016

ICS: 31.080.01

This part of IEC 62047 specifies descriptions of trench structure and needle structure in a micrometer scale. In addition, it provides examples of measurement for the geometry of both structures. For trench structures, this standard applies to structures with a depth of 1 µm to 100 µm; walls and trenches with respective widths of 5 µm to 150 µm; and aspect ratio of 0,006 7 to 20. For needle structures, the standard applies to structures with three or four faces with a height, horizontal width and vertical width of 2 µm or larger, and with dimensions that fit inside a cube with sides of 100 µm.

This standard is applicable to the structural design of MEMS and geometrical evaluation of MEMS processes.

SS SPL Strokovni svet SIST za splošno področje

SIST EN 15269:2016 SIST EN 15269:2007
2016-07 (po) (en;fr;de) **23 str. (F)**

Vzdrževanje - Smernice za pripravo pogodb o vzdrževanju

Maintenance - Guideline on preparation of maintenance contracts

Osnova: EN 15269:2016

ICS: 05.080.10

This European Standard provides guidance on the preparation of private contracts for maintenance work.

It can be applied to

- cross-border as well as national company/maintenance contractor relationships,
- the whole range of maintenance services, including software, unless a title of work is not added to the type of item with the exception of
- every type of item with the exception of impacts, and maintenance contracts for software has to be maintained as an integral part of the maintenance contract.

It provides

- determine rights and obligations between company,
- provide rules for agreements with public administrations
- provide rules for agreements with public administrations.

SIST EN 14534:2016 SIST EN 14534:2004+A1:2007
SIST-TP CEN/TR 15569:2007

2016-07 (po) (en) **125 str. (O)**

Poštne storitve - Kakovost storitev - Merjenje časa prenosa od sprejema do vročitve za masovno pošto

Postal services - Quality of service - Measurement of the transit time of end-to-end services for bulk mail

Osnova: EN 14534:2016

ICS: 05.240

This European Standard specifies methods for measuring the end-to-end transit time of the domestic and crossborder, priority and non-priority, bulk mail, collected, processed and distributed

by postal service operators. It considers methods using a representative end-to-end sample of addressed bulk mail. End-to-end is defined as from the point mail is placed into the collection/acceptance system under the responsibility of the postal operators, to the final delivery point under the responsibility of the postal operators.

For the purpose of this European Standard, bulk mail can include all types of addressed bulk mail: letter mail, direct mail, magazines, and newspapers, unless otherwise indicated. The overall quality

of service result should be expressed as the percentage of mail delivered within J + n days end to end according to the EC postal directive or the percentage of mail delivered by, on or between expected dates.

The measurement should be in whole days and not be restricted by reference to a specific time of day for delivery. This quality of service indicator does not measure the postal operator's overall

performance in a way which provides direct comparison of postal seNice operators, and does not include other seNice performance indicators than those related to transit time. In particular this European Standard does not measure whether the timing of collections meets customers' requirements.

The European Standard can be used to assess the performance of postal operators for specific products or seNices at a national level or for an individual or a group of customers. The European Standard should not be used to assess the overall performance of a group of products or seNices which have other seNice specifications in terms of transit time expectation.

It specifies a set of requirements for the design of a quality of seNice measurement system for bulk mail, involving the selection and distribution of test mail sent and received by selected panellists. The test mail sample design gives the specifications for the mail to be representative of real mail flows.

This European Standard relates to the measurement of seNices offered to businesses that have pick ups at their offices or give their mail to postal seNice operators. If a third party agent acts for the postal operator then the time the mail is handed over to the agent should form part of the measurement. Where a third party agent acts for the sending customer then the measurement should be from the point when mail is handed over to the postal operator.

For technical reasons the European Standard may not in all parts be suitable for the measuring of very small volumes of mail and for operators with limited coverage. It is not applicable for measuring the end-to-end transit time distribution of single piece mailings which require different measurement systems. The European Standard EN 15850 has been developed for single piece priority mail and EN 14508 for single piece non-priority mail.

This European standard includes specifications for the quality control and auditing of the measurement system. In certain circumstances this European Standard allows a choice between alternatives or deviations to be made subject to the approval of the regulator. This approval is only necessary if the product or seNice is within the universal seNice obligation.

SIST EN 16480:2016

2016-07 (po) (en) **74 str. (L)**

Črpalke - Minimalna zahtevana učinkovitost centrifugalnih vodnih črpalk

Pumps - Minimum required efficiency of rotodynamic water pumps

Osnova: EN 16480:2016

ICS: 25.080

This European Standard covers glanded water pumps for pumping clean water, including where integrated in other products. Pumps designed and produced as low duty pumps for pressures up to 16 bar for end suction pumps and up to 25 bar for multistage pumps, temperatures between -10 and +120 °C, for clean water, in all kinds of material.

SIST EN 16782:2016

2016-07 (po) (en) **23 str. (F)**

Ohranjanje kulturne dediščine - Čiščenje poroznih anorganskih materialov - Tehnike laserskega čiščenja, ki se uporabljajo pri kulturni dediščini

Conservation of cultural heritage - Cleaning of porous inorganic materials - Laser cleaning techniques for cultural heritage

Osnova: EN 16782:2016

ICS: 97.195

This European standard specifies the fundamental requirements of laser system for cleaning, a guidance for the choice of the more appropriate system for each specific intervention, the methodology to determine the value of operational parameters to be used in each intervention in order to optimize the efficacy and to prevent harmful effects on surface to be cleaned.

This Standard is applied to the cleaning of stone materials after the assessment of the condition

SIST EN 9239:2016**2016-07 (po) (en;fr;de) 29 str. (G)**

Aeronavtika - Vodenje programov - Navodilo za obvladovanje tveganja

Aerospace series - Programme Management - Guide for the risk management

Osnova: EN 9239:2016

ICS: 49.020, 03.100.01

This document enables to answer specific needs in the field of Aeronautics although it does not present any sectorial characteristic and may therefore apply to the needs of other areas.

However, the specificity of some areas can lead to the use of existing sectorial standards such as EN ISO 17666 Space systems – Risk management (ISO 17666:2003).

This document:

- proposes the main steps for setting up Risk Management framework within programme Management. This guideline may serve as a basis for writing a Risk Management specification;
- describes a process for controlling programme risks within the defined boundaries that are considered as tolerable. This standard process can be used as a methodological guide for writing the programme Risk Management Plan;

- recognises the need for knowledge management related to Risk Management, in order to capitalize and to share lessons learnt with other programmes, as well as the maturity assessment of the Risk Management;

- identifies useful documents for Risk Management;

- proposes an example of a typical checklist of risks related to a programme;

in addition:

- addresses opportunities. An opportunity is an uncertain event with positive consequences on the programme.

SIST EN ISO 10734:2016**2016-07 (po) (en;fr;de) 13 str. (D)**

Obutev - Preskusna metoda za zadrge - Trdnost drsnega dela (ISO 10734:2016)

Footwear - Test method for slide fasteners - Strength of slide fastener pullers (ISO 10734:2016)

Osnova: EN ISO 10734:2016

ICS: 61.060, 61.040

This standard specifies a test method intended to assess the strength of slide fastener pullers for footwear. The method is applicable to all types of footwear slide fastener.

SIST EN ISO 10751:2016**2016-07 (po) (en) 13 str. (D)**

Obutev - Preskusne metode za zadrge - Odpornost proti ponavljajočemu se odpiranju in zapiranju (ISO 10751:2016)

Footwear - Test methods for slide fasteners - Resistance to repeated opening and closing (ISO 10751:2016)

Osnova: EN ISO 10751:2016

ICS: 61.060, 61.040

This standard describes a method intended to determine the resistance of a slide fastener to repeated opening and closing. The method is applicable to all types of slide fastener with a chain length greater than 80 mm

SIST EN ISO 10764:2016**2016-07 (po) (en) 12 str. (C)**

Obutev - Preskusne metode za zadrge - Stranska trdnost (ISO 10764:2016)

Footwear - Test methods for slide fasteners - Lateral strength (ISO 10764:2016)

Osnova: EN ISO 10764:2016

ICS: 61.060, 61.040

This standard describes a method intended to assess the lateral strength of a closed slide fastener for footwear. The method is applicable to all types of slide fastener.

SIST EN ISO 17694:2016 SIST EN 13512:2004
2016-07 **(po)** **(en)** **13 str. (D)**
Obutev - Preskusne metode za zgornje dele in podloge - Odpornosti proti upogibanju (ISO 17694:2016)
Footwear - Test methods for uppers and lining - Flex resistance (ISO 17694:2016)
Osnova: EN ISO 17694:2016
ICS: 61.060

This European Standard specifies a test method for determining the flex resistance of uppers and linings irrespective of the material, in order to assess the suitability for the end use.

SIST EN ISO 17697:2016 SIST EN 13572:2004
2016-07 **(po)** **(en,fr,de)** **17 str. (E)**
Obutev - Preskusne metode za zgornje dele, podloge in vložke - Trdnost šiva (ISO 17697:2016)
Footwear - Test methods for uppers, lining and insoles - Seam strength (ISO 17697:2016)
Osnova: EN ISO 17697:2016
ICS: 61.060

This European Standard specifies two test methods for determining the seam strength of uppers, lining or insoles, irrespective of the material, in order to assess the suitability for the end use. These methods are : Method A : Needle perforations. For determining the force required to pull a row of needles through an upper material, in a direction perpendicular to the row. Method B : Stitched seams. For determining the breaking strength of stitched seams in shoe upper and lining materials. This method is applicable to seams cut from shoes or made up to simulate footwear constructions.

SIST EN ISO 17698:2016 SIST EN 13514:2004
2016-07 **(po)** **(en)** **14 str. (D)**
Obutev - Preskusne metode za zgornje dele - Odpornost proti razslojevanju (ISO 17698:2016)
Footwear - Test methods for uppers - Delamination resistance (ISO 17698:2016)
Osnova: EN ISO 17698:2016
ICS: 61.060

This European Standard specifies a test method for determining the delamination resistance of uppers irrespective of the material, in order to assess the suitability for the end use.

SIST EN ISO 17701:2016 SIST EN 13517:2004
2016-07 **(po)** **(en)** **11 str. (C)**
Obutev - Preskusne metode za zgornje dele, podloge in vložke - Migracija barve (ISO 17701:2016)
Footwear - Test methods for uppers, lining and insoles - Colour migration (ISO 17701:2016)
Osnova: EN ISO 17701:2016
ICS: 61.060

This European standard specifies a test method for determining the propensity of a material to cause discolouration of another material when stored in close contact. This method is applicable to all materials which are used in intimate contact, and to adhesives which are used to bond them.

SIST EN ISO 18403:2016**2016-07 (po) (en) 13 str. (D)**

Obutev - Preskusne metode za zadrge - Odpornost proti poškodbam med zapiranjem pri delovanju stranske sile (ISO 18403:2016)

Footwear - Test methods for slide fasteners - Resistance to damage during closure under a lateral force (ISO 18403:2016)

Osnova: EN ISO 18403:2016

ICS: 61.060, 61.040

This standard specifies a test method intended to determine the maximum lateral force applied to a slide fastener for footwear under which it will close without failure. The method is applicable to all types of slide fastener.

SIST EN ISO 22649:2016

SIST EN 12746:2000

SIST EN 12746:2000/A1:2005

2016-07 (po) (en) 14 str. (D)

Obutev - Preskusne metode za notranjike in vložke - Absorpcija in desorpcija vode (ISO 22649:2016)

Footwear - Test methods for insoles and insocks - Water absorption and desorption (ISO 22649:2016)

Osnova: EN ISO 22649:2016

ICS: 61.060

This European standard specifies two test methods for determining the water absorption and desorption of insoles and insocks, irrespective of the material. These methods are: - Method A: Determination of the static water absorption and desorption of insoles and insocks. - Method B: Determination of the dynamic water absorption and desorption of insoles.

SIST-TP CEN/TR 1050-2:2016

SIST CR 1050-2:2000

2016-07 (po) (en) 57 str. (J)

Vibracije dlan-roka - Smernice za zmanjšanje tveganja zaradi vibracij - 2. del: Organizacijski ukrepi na delovnem mestu

Hand-arm vibration - Guidelines for vibration hazards reduction - Part 2: Management measures at the workplace

Osnova: CEN/TR 1050-2:2016

ICS: 13.160

This draft Technical Report outlines practicable measures for the reduction and control of health hazards associated with exposure to hand-arm vibration at work. It supplements the European "Guide to good practice on hand-arm vibration" and provides a practical professional aid for Member States' health and safety authorities or labour authorities who write national guidance for managers, health and safety officers, engineers, planning and purchasing staff and others.

This draft Technical Report covers the following principal aspects:

- identification of main sources of hand-arm vibration at work;
- vibration reduction by re-considering task, product, process and design;
- how to select low-vibration machinery, including vibration reducing features, auxiliary equipment for control of vibration;
- other issues, e.g. personal protection and its limitation;
- management measures for the control of hand-arm vibration exposure;
- health surveillance.

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 EAL Električni alarmi

SIST EN 50518-1:2010

2010-12 (pr) (sl) 22 str. (SF)

Nadzorni in sprejemni centri za alarme - 1. del: Zahteve za lokacijo in konstrukcijo
Monitoring and alarm receiving centre - Part 1: Location and construction requirements

Osnova: EN 50518-1:2010

ICS: 13.320

Ta prvi del EN 50518 določa minimalne zahteve za projektiranje, gradnjo in delovanje opreme za poslovne prostore, v katerih se nadzor, sprejem in obdelava (alarmnih) signalov iz alarmnih sistemov izvajajo kot sestavni del skupnega procesa varnosti in zavarovanosti. Zahteve veljajo za uporabo pri oddaljeni konfiguraciji, kjer več sistemov poroča enojnemu ali večkratnemu nadzornemu in sprejemnemu centru (VNC), ter za enojne lokalne sisteme, ki so namenjeni za nadzor in obdelavo alarmov, posredovanih iz enega ali več alarmnih sistemov, vgrajenih znotraj nadziranega območja na tej lokaciji.

SIST EN 50518-2:2010

2010-12 (pr) (sl) 13 str. (SD)

Nadzorni in sprejemni centri za alarme - 2. del: Zahteve za tehnične zmogljivosti
Monitoring and alarm receiving centre - Part 2: Requirements for technical facilities

Osnova: EN 50518-2:2010

ICS: 13.320

Ta del standarda EN 50518 določa tehnične zahteve za VNC. To vključuje tudi merila funkcionalne zmogljivosti in preverjanje zmogljivosti.

SIST EN 50518-3:2011

2011-05 (pr) (sl) 11 str. (SC)

Nadzorni in sprejemni centri za alarme - 3. del: Postopki in zahteve za delovanje
Monitoring and alarm receiving centre - Part 3: Procedures and requirements for operation

Osnova: EN 50518-3:2011

ICS: 13.320

Ta del EN 50518 določa minimalne postopke in zahteve za delovanje VNC.

SIST/TC EVA Električne varovalke

SIST EN 60269-1:2007

2010-12 (pr) (sl) 80 str. (SL)

Nizkonapetostne varovalke – 1. del: Splošne zahteve (IEC 60269-1:2006)
Low-voltage fuses – Part 1: General requirements (IEC 60269-1:2006)

Osnova: EN 60269-1:2007

ICS: 29.120.50

Ta del IEC 60269 se uporablja za varovalke z zaprtimi tokovno-omejilnimi taljivimi vložki z naznačeno izklopno zmogljivostjo, ne manjšo od 6 kA, ki so namenjene za zaščito izmeničnih vezij z nazivnimi napetostmi, ne večjimi od 1 000 V, ali enosmernih vezij z nazivnimi napetostmi, ne večjimi od 1 500 V. Naslednji deli tega standarda, navedeni v tem dokumentu, zajemajo dodatne zahteve za varovalke, namenjene za posebne pogoje uporabe ali aplikacije.

Taljivi vložki, namenjeni vključitvi v varovalčne-stikalne kombinacije v skladu z IEC 60947-3, morajo tudi ustrezati naslednjim zahtevam.

OPOMBA 1: O podrobnih lastnostih taljivih vložkov "a" (glej 2.2.4) v enosmernih vezjih naj se dogovorita uporabnik in proizvajalec.

OPOMBA 2: Spremembe in dopolnitve tega standarda, potrebne za nekatere vrste varovalk za posebne namene, na primer za nekatere varovalke za tirna vozila ali varovalke za visokofrekvenčna vezja, bodo zajete z ločenimi standardi, če bo to potrebno.

OPOMBA 3: Ta standard se ne uporablja za miniaturne varovalke, ki jih obravnava standard IEC 60127.

Namen tega standarda je določiti lastnosti varovalk ali delov varovalk (podstavka varovalke, nosilca varovalke, taljivega vložka) tako, da jih je mogoče nadomestiti z drugimi varovalkami ali deli varovalk, ki imajo zagotovljene enake lastnosti in so glede dimenzij zamenljive. V ta namen se ta standard nanaša zlasti na:

- naslednje lastnosti varovalk;
 - njihove naznačene vrednosti,
 - njihovo izolacijo,
 - njihov dvig temperature v normalnem obratovanju,
 - njihovo izgubno moč in sprejemljivo izgubno moč,
 - njihove tokovno-časovne karakteristike,
 - njihovo izklopno zmogljivost,
 - njihove karakteristike odrezanih tokov in njihove karakteristike I^2t ;
- preskuse tipa za preverjanje lastnosti varovalk;
- označevanje varovalk.

SIST EN 60269-1:2007/A1:2009

2009-09 (pr) (sl) 16 str. (SD)

Nizkonapetostne varovalke – 1. del: Splošne zahteve (IEC 60269-1:2006/A1:2009) – Dopolnilo A1

Low-voltage fuses – Part 1: General requirements (IEC 60269-1:2006/A1:2009)

Osnova: EN 60269-1:2007A1:2009

ICS: 29.120.50

SIST EN 60269-1:2007/A2:2014

2014-12 (pr) (sl) 11 str. (SC)

Nizkonapetostne varovalke – 1. del: Splošne zahteve ((IEC 60269-1:2006/A2:2014)) – Dopolnilo A2

Low-voltage fuses – Part 1: General requirements ((IEC 60269-1:2006/A2:2014))

Osnova: EN 60269-1:2007A2:2014

ICS: 29.120.50

Razveljavitev slovenskih standardov

SIST/TC	Razveljavljeni dokument	Leto razveljavitve	Zamenjan z dokumentom
AGO	SIST EN 15149-2:2011	2016-07	SIST EN ISO 17827-2:2016
AKU	SIST ISO 1996-1:2006	2016-07	
CAA	SIST EN 196-10:2006	2016-07	SIST EN 196-10:2016

SIST/TC	Razveljavljeni dokument	Leto razveljavitve	Zamenjan z dokumentom
EAL	SIST EN 50132-5-1:2012/AC:2012	2016-07	SIST EN 62676-1-2:2014 SIST EN 62676-2-1:2014
EAL	SIST EN 50132-5-2:2012/AC:2012	2016-07	SIST EN 62676-1-2:2014 SIST EN 62676-2-2:2014 SIST EN 62676-2-3:2014
ETC	SIST EN 60068-2-55:2001	2016-07	
ETC	SIST EN 60068-2-65:2001	2016-07	SIST EN 60068-2-65:2013
EXP	SIST EN 13463-1:2009	2016-07	SIST EN ISO 80079-36:2016
EXP	SIST EN 13463-5:2011	2016-07	SIST EN ISO 80079-37:2016
EXP	SIST EN 13463-6:2005	2016-07	SIST EN ISO 80079-37:2016
EXP	SIST EN 13463-8:2003	2016-07	SIST EN ISO 80079-37:2016
IBLP	SIST EN ISO 16773-1:2007	2016-07	SIST EN ISO 16773-1:2016
IBLP	SIST EN ISO 16773-2:2007	2016-07	SIST EN ISO 16773-2:2016
IBLP	SIST EN ISO 16773-3:2009	2016-07	SIST EN ISO 16773-3:2016
IBLP	SIST EN ISO 2811-1:2011	2016-07	SIST EN ISO 2811-1:2016
IBLP	SIST EN ISO 4624:2004	2016-07	SIST EN ISO 4624:2016
IBLP	SIST EN ISO 7784-1:2006	2016-07	SIST EN ISO 7784-1:2016
IBLP	SIST EN ISO 7784-2:2006	2016-07	SIST EN ISO 7784-2:2016
IBLP	SIST EN ISO 7784-3:2006	2016-07	SIST EN ISO 7784-3:2016
IBLP	SIST ISO 7784-1:1998	2016-07	SIST EN ISO 7784-1:2016
IBLP	SIST ISO 7784-2:1998	2016-07	SIST EN ISO 7784-2:2016
IESV	SIST EN 60598-2-12:2006	2016-07	SIST EN 60598-2-12:2013
IESV	SIST EN 60598-2-8:1998	2016-07	SIST EN 60598-2-8:2013
IESV	SIST EN 60598-2-8:1998/A1:2000	2016-07	SIST EN 60598-2-8:2013
IESV	SIST EN 60598-2-8:1998/A2:2008	2016-07	SIST EN 60598-2-8:2013
IHPV	SIST EN 12334:2001	2016-07	SIST EN 16767:2016
IHPV	SIST EN 12334:2001/A1:2004	2016-07	SIST EN 16767:2016
IHPV	SIST EN 12334:2001/AC:2003	2016-07	SIST EN 16767:2016
IHPV	SIST EN 12760:2000	2016-07	SIST EN 12760:2016
IHPV	SIST EN 14341:2007	2016-07	SIST EN 16767:2016
INEK	SIST EN 12449:2012	2016-07	SIST EN 12449:2016
INEK	SIST EN 754-1:2008	2016-07	SIST EN 754-1:2016
INEK	SIST EN 755-2:2014	2016-07	SIST EN 755-2:2016
IOVO	SIST EN 1253-3:2000	2016-07	SIST EN 1253-3:2016
IOVO	SIST EN 1253-4:2000	2016-07	SIST EN 1253-4:2016
IOVO	SIST EN 12671:2009	2016-07	SIST EN 12671:2016
IOVO	SIST EN 12672:2009	2016-07	SIST EN 12672:2016

SIST/TC	Razveljavljeni dokument	Leto razveljavitve	Zamenjan z dokumentom
IOVO	SIST EN 12678:2008	2016-07	SIST EN 12678:2016
IOVO	SIST EN 902:2009	2016-07	SIST EN 902:2016
IOVO	SIST EN 937:2009	2016-07	SIST EN 937:2016
IOVO	SIST EN 938:2009	2016-07	SIST EN 938:2016
IOVO	SIST EN 939:2009	2016-07	SIST EN 939:2016
IPKZ	SIST EN ISO 2178:1999	2016-07	SIST EN ISO 2178:2016
IPKZ	SIST ISO 10309:1999	2016-07	SIST EN ISO 10309:2016
IPKZ	SIST ISO 4519:1999	2016-07	SIST EN ISO 4519:2016
IPKZ	SIST-TS CEN/TS 14038-1:2005	2016-07	SIST EN 14038-1:2016
IPMA	SIST EN 14814:2007	2016-07	SIST EN 14814:2016
IPMA	SIST EN ISO 4892-1:2001	2016-07	SIST EN ISO 4892-1:2016
ISCB	SIST EN 61427:2006	2016-07	SIST EN 61427-1:2014
ISCB	SIST EN 62133:2004	2016-07	
ISEL	SIST EN ISO 3040:2012	2016-07	SIST EN ISO 3040:2016
ITC	SIST EN 12896:2006	2016-07	SIST-TP CEN/TR 12896-9:2016
ITC	SIST EN 15521:2008	2016-07	SIST EN ISO 16278:2016
ITC	SIST EN ISO/IEC 15415:2006/AC:2014	2016-07	
ITC	SIST-TS CEN ISO/TS 16403-1:2012	2016-07	
ITC	SIST-TS CEN ISO/TS 17575-1:2010/AC:2014	2016-07	SIST EN ISO 17575-1:2016
ITEK	SIST EN 13719:2002	2016-07	SIST EN 13719:2016
ITEK	SIST EN 13719:2002/AC:2005	2016-07	SIST EN 13719:2016
ITEK	SIST EN 14065:2003	2016-07	SIST EN 14065:2016
iTEL	SIST EN 50117-2-1:2005	2016-07	
iTEL	SIST EN 50117-2-2:2005	2016-07	
iTEL	SIST EN 62343-1-3:2007	2016-07	SIST EN 62343-1-3:2013
IVAR	SIST EN ISO 14270:2002	2016-07	SIST EN ISO 14270:2016
IVAR	SIST EN ISO 14272:2002	2016-07	SIST EN ISO 14272:2016
IVAR	SIST EN ISO 14273:2002	2016-07	SIST EN ISO 14273:2016
IVAR	SIST EN ISO 15614-8:2003	2016-07	SIST EN ISO 15614-8:2016
IVAR	SIST EN ISO 17662:2005	2016-07	SIST EN ISO 17662:2016
IVNT	SIST EN 61083-2:1998	2016-07	SIST EN 61083-2:2013
IŽNP	SIST EN 13230-1:2009	2016-07	SIST EN 13230-1:2016
IŽNP	SIST EN 13230-2:2009	2016-07	SIST EN 13230-2:2016
IŽNP	SIST EN 13230-3:2009	2016-07	SIST EN 13230-3:2016

SIST/TC	Razveljavljani dokument	Leto razveljavitve	Zamenjan z dokumentom
IŽNP	SIST EN 13230-4:2009	2016-07	SIST EN 13230-4:2016
IŽNP	SIST EN 13230-5:2009	2016-07	SIST EN 13230-5:2016
KAT	SIST EN 16318:2013	2016-07	SIST EN 16318:2013+A1:2016
KŽP	SIST EN ISO 662:2001	2016-07	SIST EN ISO 662:2016
KŽP	SIST EN ISO 8968-4:2002	2016-07	SIST EN ISO 8968-4:2016
KŽP	SIST EN ISO 8968-4:2002/AC:2012	2016-07	SIST EN ISO 8968-4:2016
KŽP	SIST EN ISO 8968-5:2002	2016-07	SIST EN ISO 8968-4:2016
MEE	SIST EN 62056-61:2007	2016-07	SIST EN 62056-6-1:2013
MEE	SIST EN 62056-62:2007	2016-07	SIST EN 62056-6-2:2013
MOV	SIST EN 61557-10:2002	2016-07	SIST EN 61557-10:2013
MOV	SIST EN 62264-1:2008	2016-07	SIST EN 62264-1:2013
OCE	SIST-TS CEN/TS 1793-5:2004	2016-07	SIST EN 1793-5:2016
POH	SIST EN 14749:2006	2016-07	SIST EN 14749:2016
POH	SIST-TS CEN/TS 16611:2014	2016-07	SIST-TS CEN/TS 16611:2016
SKA	SIST CLC/TR 60890:2003	2016-07	
SKA	SIST EN 60439-2:2000/A1:2006	2016-07	
SKA	SIST EN 60439-4:2005	2016-07	SIST EN 61439-4:2013
SKA	SIST EN 61439-1:2010/AC:2013	2016-07	SIST EN 61439-1:2012
SKA	SIST EN 62271-101:2006	2016-07	SIST EN 62271-101:2013
SKA	SIST EN 62271-101:2006/A1:2010	2016-07	SIST EN 62271-101:2013
SKA	SIST EN 62271-105:2003	2016-07	SIST EN 62271-105:2013
SKA	SIST EN 62271-110:2009	2016-07	SIST EN 62271-110:2013
SPO	SIST EN 12503-2:2002	2016-07	SIST EN 12503-2:2016
SPO	SIST EN 12503-2:2002/AC:2003	2016-07	SIST EN 12503-2:2016
SPO	SIST EN 12503-4:2013	2016-07	SIST EN 12503-4:2016
STV	SIST EN 13201-3:2004/AC:2007	2016-07	SIST EN 13201-3:2016
TLP	SIST EN 14512:2007	2016-07	
VAZ	SIST EN 27787-1:2000	2016-07	SIST EN ISO 7787-1:2016
VAZ	SIST EN 27787-1:2000/AC1:2000	2016-07	SIST EN ISO 7787-1:2016
VAZ	SIST EN ISO 2157:2000	2016-07	SIST EN ISO 2157:2016
VAZ	SIST EN ISO 7396-1:2007	2016-07	SIST EN ISO 7396-1:2016
VAZ	SIST EN ISO 7396-1:2007/A1:2010	2016-07	SIST EN ISO 7396-1:2016
VAZ	SIST EN ISO 7396-1:2007/A2:2010	2016-07	SIST EN ISO 7396-1:2016
VAZ	SIST EN ISO 7396-1:2007/A3:2013	2016-07	SIST EN ISO 7396-1:2016
ŽEN	SIST-TS CLC/TS 50459-3:2006	2016-07	SIST-TS CLC/TS 50459-3:2016

SIST/TC	Razveljavljeni dokument	Leto razveljavitve	Zamenjan z dokumentom
SS EIT	SIST EN 61747-2-1:2002	2016-07	SIST EN 61747-2-1:2013
SS EIT	SIST EN 62068-1:2004	2016-07	SIST EN 62068:2014
SS EIT	SIST HD 478.2.2 S1:2003	2016-07	SIST EN 60721-2-2:2013
SS EIT	SIST EN 60519-10:2005	2016-07	SIST EN 60519-10:2013
SS EIT	SIST EN 60695-2-10:2002	2016-07	SIST EN 60695-2-10:2013
SS EIT	SIST EN 60745-1:2009/A11:2010	2016-07	SIST EN 62841-1:2015
SS EIT	SIST EN 60974-2:2008	2016-07	SIST EN 60974-2:2013
SS EIT	SIST EN 60974-7:2005	2016-07	SIST EN 60974-7:2013
SS EIT	SIST EN 61029-1:2009/A11:2011	2016-07	SIST EN 62841-1:2015
SS EIT	SIST EN 62281:2004	2016-07	SIST EN 62281:2013
SS EIT	SIST EN 62282-6-200:2008	2016-07	SIST EN 62282-6-200:2012
SS EIT	SIST EN 62282-6-300:2010	2016-07	SIST EN 62282-6-300:2013
SS EIT	SIST EN 61076-3-110:2008	2016-07	SIST EN 61076-3-110:2012
SS EIT	SIST EN 61161:2008	2016-07	SIST EN 61161:2013
SS EIT	SIST EN 61587-3:2008	2016-07	SIST EN 61587-3:2013
SS SPL	SIST CR 1030-2:2000	2016-07	SIST-TP CEN/TR 1030-2:2016
SS SPL	SIST EN 12746:2000	2016-07	SIST EN ISO 22649:2016
SS SPL	SIST EN 12746:2000/A1:2005	2016-07	SIST EN ISO 22649:2016
SS SPL	SIST EN 13269:2007	2016-07	SIST EN 13269:2016
SS SPL	SIST EN 13512:2004	2016-07	SIST EN ISO 17694:2016
SS SPL	SIST EN 13514:2004	2016-07	SIST EN ISO 17698:2016
SS SPL	SIST EN 13517:2004	2016-07	SIST EN ISO 17701:2016
SS SPL	SIST EN 13572:2004	2016-07	SIST EN ISO 17697:2016
SS SPL	SIST EN 14534:2004+A1:2007	2016-07	SIST EN 14534:2016
SS SPL	SIST-TP CEN/TR 15369:2007	2016-07	SIST EN 14534:2016

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

Popusti

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

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

Enkratni nakup standardov v skupni vrednosti nad 1.000 EUR	5%
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* Za neprevedene standarde SIST DIN je za študente popust 20%.

Popusti se ne seštevajo in so namenjeni za lastno uporabo dokumentov.

2. Publikacije SIST

V cenah je vključen 9,5 % DDV.

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

Popust pri publikacijah je za člane SIST in državne organe 20 %, za študente 50 %.

Popusti se ne seštevajo in so namenjeni za lastno uporabo publikacij.

dkl

**NAROČILNICA ZA SLOVENSKE STANDARDE IN DRUGE
PUBLIKACIJE**

N – IZO 7-8/2016

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.