Izvlečki

01 • 2021

SIST

Slovenski inštitut za standardizacijo
Slovenian Institute for Standardization

Sporočila • *Messages*

ISSN 1854-1631

1

KONTAKTNA TOČKA IN PRODAJA PUBLIKACIJ

Kontaktna točka

- tematske poizvedbe o slovenskih in tujih standardih
- poizvedbe o slovenskih in tujih tehničnih predpisih (kontaktna točka WTO/TBT)
- naročnina na periodične novosti pri standardih izbranega profila ali iz izbranega seznama
- naročnina na mesečna obvestila o sklicevanju na standarde v tehničnih predpisih

odprto pon-čet 8h - 15h, p et 8 h - 13 h
pošta Kontaktna točka SIST
Šmartinska c. 152, 1000 Ljubljana
tel. 01/ 478 30 68
faks 01/ 478 30 98
e-pošta info@sist.si

Specialna knjižnica s standardoteko

odprto sreda 8h - 12h
pošta Knjižnica SIST
Šmartinska c. 152, 1000 Ljubljana
tel. 01/ 478 30 15
faks 01/ 478 30 97
e-pošta knjiznica@sist.si

Prodaja strokovne literature

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

odprto pon-čet 8h - 15h, pet 8h - 13h
pošta SIST, prodaja
Šmartinska c. 152, 1000 Ljubljana
tel. 01/ 478 30 63
faks 01/ 478 30 97
e-pošta prodaja@sist.si

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

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

Objava novih slovenskih nacionalnih standardov

SIST/TC AKU Akustika

SIST EN ISO 6926:2016/A1:2021
2021-01 (po) (en) 7 str. (B)
Akustika - Zahteve za lastnosti in umerjanje referenčnih virov zvoka pri ugotavljanju ravni zvočnih moči - Dopolnilo A1 (ISO 6926:2016/Amd 1:2020)
Acoustics - Requirements for the performance and calibration of reference sound sources used for the determination of sound power levels - Amendment 1 (ISO 6926:2016/Amd 1:2020)
Osnova: EN ISO 6926:2016/A1:2020
ICS: 17.140.01

Dopolnilo A1:2021 je dodatek k standardu SIST EN ISO 6926:2016.
Ta mednarodni standard določa zahteve glede akustičnih lastnosti za referenčne vire zvoka:
– časovna stalnost (stabilnost) izhoda zvočne moči;
– spektralne značilnosti;
– usmerjenost.
Časovna stalnost je določena v smislu standardnega odklona ponovljivosti (glej točko 5.2). Spektralne značilnosti je mogoče potrditi v polgluhem prostoru ali v prostoru za preizkus odmevov iz meritev ravni zvočne moči v frekvenčnem pasu skladno s tem mednarodnim standardom (glej točko 5.4). Zahteve glede lastnosti v zvezi z indeksom usmerjenosti je mogoče potrditi le v polgluhem prostoru (glej točko 5.5).
Ta mednarodni standard določa tudi postopke za zagotavljanje podatkov za umerjanje ravni in negotovosti pri zvočnem viru, namenjenem za uporabo kot referenčni zvočni vir v smislu njegove ravni zvočne moči pod referenčnimi meteorološkimi pogoji, kot je določeno v točki 4 za oktavne in terčne pasove ter s frekvenčnim vrednotenjem A.
Ta mednarodni standard je poimenovan kot standard umerjanja, čeprav je metoda izvedena v laboratoriju za preskušanje in iz rezultatov umerjanja ravni ni mogoče neposredno ugotoviti državnih standardov mere v strogem meroslovnem smislu. Od laboratorijev za preskušanje, ki uporabljajo to metodo, se ne pričakuje izpolnjevanje vseh zahtev, ki so običajno povezane z laboratoriji za umerjanje.
OPOMBA: Standard ISO/IEC 17025[15] določa različne zahteve za usposobljenost laboratorijev za preskušanje in umerjanje. Laboratoriji, kjer se preskušajo referenčni viri zvoka v skladu s tem mednarodnim standardom, so običajno skladni z zahtevami za laboratorije za preskušanje, ne pa nujno z zahtevami za laboratorije za umerjanje.
Ta mednarodni standard določa metode za umerjanje referenčnih virov zvoka ne le v prostem polju nad odsevno ravnino, temveč tudi v prostorih za preskus odmevov pri različnih razdaljah od mejnih površin. Za položaj referenčnega vira zvoka na eni odsevni ravnini se zgoraj omenjeni različni okolji preskusa štejeta kot enakovredni pri frekvenčnih pasovih 200 Hz ali višjih. Pri 160 Hz in nižjih vrednostih je mogoče, da pride do nekaterih sistemskih razlik (glej točko 11.2). Za frekvence pod 100 Hz je na voljo drugačna metoda umerjanja z intenzivnostjo zvoka.
Zvočni vir je mogoče postaviti neposredno na tla ali na stojalo, ki se uporablja na določeni višini. Po tem mednarodnem standardu se viri na stojalu umerjajo v prostorih za preskus odmevov. Viri na tleh se umerjajo v polgluhih prostorih ali prostorih za preskus odmevov. Pri talnih virih v polgluhih prostorih ta mednarodni standard velja le za vire, katerih največja navpična dolžina je manjša od 0,5 m, največja vodoravna dolžina pa manjša od 0,8 m. Po tem mednarodnem standardu je mogoče pri izvajanju meritev na površini za merjenje uporabljati le talne referenčne vire zvoka. Za referenčne vire zvoka, ki se bodo uporabljali ali umerjali v prostoru, kjer je prisoten odmev, takšne omejitve ali največje dolžine ne veljajo.

SIST/TC EAL Električni alarmi

SIST-TS CLC/TS 50136-9:2021 SIST-TS CLC/TS 50136-9:2017
2021-01 (po) (en) 54 str. (J)
Alarmni sistemi - Sistemi in oprema za prenos alarma - 9. del: Zahteve za skupni protokol za prenos alarma po internetnem protokolu
Alarm systems - Alarm transmission systems and equipment - Part 9: Requirements for common protocol for alarm transmission using the Internet Protocol (IP)
Osnova: CLC/TS 50136-9:2020
ICS: 33.040.40, 13.320

This document specifies a protocol for point-to-point transmission of alarms and faults, as well as communications monitoring, between a Supervised Premises Transceiver and a Receiving Centre Transceiver using the Internet Protocol (IP).
The protocol is intended for use over any network that supports the transmission of IP data. These include Ethernet, xDSL, GPRS, WiFi, UMTS and WIMAX.
The system performance characteristics for alarm transmission are specified in EN 50136-1.
The performance characteristics of the supervised premises equipment should comply with the requirements of its associated alarm system standard and applies for transmission of all types of alarms including, but not limited to, fire, intrusion, access control and social alarms.
Compliance with this document is voluntary.

SIST/TC ELI Nizkonapetostne in komunikacijske električne inštalacije

SIST HD 60364-7-706:2007/A1:2021
2021-01 (po) (en) 11 str. (C)
Nizkonapetostne električne inštalacije - 7-706. del: Zahteve za posebne inštalacije ali lokacije - Omejeni prevodni prostori - Dopolnilo A1
Low-voltage electrical installations - Part 7-706: Requirements for special installations or locations - Conducting locations with restricted movement
Osnova: HD 60364-7-706:2007/A1:2020
ICS: 91.140.50

Dopolnilo A1:2021 je dodatek k standardu SIST HD 60364-7-706:2007.
The particular requirements of this part apply to fixed equipment in conducting locations where movement of persons is restricted by the location, and to supplies for portable equipment for use in such locations. A conducting location with restricted movement is comprised mainly of metallic or other conductive surrounding parts, within which it is likely that a person will come in contact through a substantial portion of his body with the metallic or other conductive surrounding parts and where the possibility of interrupting this contact is limited. The particular requirements of this part do not apply to location which allows a person freedom of bodily movement to work, enter, and leave the location without physical constraint.

SIST/TC EMC Elektromagnetna združljivost

SIST EN IEC 61000-4-3:2021

SIST EN 61000-4-3:2006
SIST EN 61000-4-3:2006/A1:2008
SIST EN 61000-4-3:2006/A2:2011
SIST EN 61000-4-3:2006/IS1:2009

2021-01 (po) (en) 84 str. (M)

Elektromagnetna združljivost (EMC) - 4-3. del: Preskusne in merilne tehnike - Preskušanje odpornosti proti sevanim radiofrekvenčnim elektromagnetnim poljem

Electromagnetic compatibility (EMC) - Part 4-3: Testing and measurement techniques - Radiated, radiofrequency, electromagnetic field immunity test

Osnova: EN IEC 61000-4-3:2020
ICS: 33.100.20

This part of IEC 61000 is applicable to the immunity requirements of electrical and electronic equipment to radiated electromagnetic energy. It establishes test levels and the required test procedures.
The object of this document is to establish a common reference for evaluating the immunity of electrical and electronic equipment when subjected to radiated, radio-frequency electromagnetic fields. The test method documented in this part of IEC 61000 describes a consistent method to assess the immunity of an equipment or system against RF electromagnetic fields from RF sources not in close proximity to the EUT. The test environment is specified in Clause 6.
NOTE 1 As described in IEC Guide 107, this is a basic EMC publication for use by product committees of the IEC.
As also stated in Guide 107, the IEC product committees are responsible for determining whether this immunity test standard should be applied or not, and if applied, they are responsible for determining the appropriate test levels and performance criteria. TC 77 and its sub-committees are prepared to co-operate with product committees in the evaluation of the value of particular immunity tests for their products.
NOTE 2 Immunity testing against RF sources in close proximity to the EUT is defined in IEC 61000-4-39.
Particular considerations are devoted to the protection against radio-frequency emissions from digital radiotelephones and other RF emitting devices.
NOTE 3 Test methods are defined in this part for evaluating the effect that electromagnetic radiation has on the equipment concerned. The simulation and measurement of electromagnetic radiation is not adequately exact for quantitative determination of effects. The test methods defined in this basic document have the primary objective of establishing an adequate reproducibility of testing configuration and repeatability of test results at various test facilities.
This document is an independent test method. It is not possible to use other test methods as substitutes for claiming compliance with this document.

SIST/TC EPR Električni pribor

SIST EN IEC 63172:2021

2021-01 (po) (en;fr;de) 21 str. (F)

Električna oprema - Metodologija za določanje razredov energijske učinkovitosti električne opreme (IEC 63172:2020)

Electrical accessories - Methodology for determining the energy efficiency class of elect rical accessories(IEC 63172:2020)

Osnova: EN IEC 63172:2020
ICS: 29.020, 27.015

This document provides a methodology for determining the energy efficiency class of electrical accessories, to enable the system designer to determine the most efficient components for an electrical installation, also considering all functionalities.

NOTE Functionalities are for example: wireless communication, network connectivity, timer, energy monitoring.
This methodology is based on the energy consumption, taking into account the individual functions of the accessory.
The energy efficiency class approach contributes to the overall reduction of the energy consumption of an electrical installation.

SIST EN IEC 63180:2021
2021-01 (po) (en;fr;de) 31 str. (G)
Metode merjenja in deklariranje območja zaznavanja detektorjev - Pasivni infrardeči javljalniki zaznavanja večjih in manjših gibov (IEC 63180:2020)
Methods of measurement and declaration of the detection range of detectors - Passive infrared detectors for major and minor motion detection (IEC 63180:2020)
Osnova: EN IEC 63180:2020
ICS: 29.120.40, 97.120, 13.320

This document provides a methodology and test procedures to be able to declare and verify the detection area for motion detectors using passive infrared technology in electronic control devices and appliance switches, whether stand-alone (direct control of one or more applications) or as part of home and building electronic systems or building automation control systems (HBES/BACS) or similar.
It also provides a uniform way to present the test results.
The purpose of these detectors is to detect the major and minor movements of persons.

SIST/TC FGA Funkcionalnost gospodinjskih aparatov

SIST EN 60436:2020/A11:2021
2021-01 (po) (en;fr) 6 str. (B)
Električni pomivalni stroji za gospodinjstva - Preskusne metode za merjenje lastnosti - Dopolnilo A11
Electric dishwashers for household use - Methods for measuring the performance
Osnova: EN 60436:2020/A11:2020
ICS: 97.040.40

Dopolnilo A11:2021 je dodatek k standardu SIST EN 60436:2020.
IEC 60436:2015 applies to electric dishwashers for household and similar use that are supplied with hot and/or cold water. The object is to state and define the principal performance characteristics of electric dishwashers for household and similar use and to describe the standard methods of measuring these characteristics. This standard is concerned neither with safety nor with minimum performance requirements. This edition constitutes a technical revision and includes the following significant technical changes with respect to the previous edition:
a) Addition of a specification of the reference dishwasher G1222, addition of the microwave oven 752C, inclusion of standby/low power modes and updated cutlery and tableware items.
b) Combined cleaning and drying: combining the cleaning and drying performance evaluations into one test, along with the energy and water consumption evaluation, prevents an opportunity for circumvention if tests were performed separately. A dishwasher can detect whether soil is present (cleaning evaluation) or not (drying evaluation) and adjust the cycle to favour performance; combining the tests addresses this.
c) New dish load items: new dish load items were incorporated which reflect consumer use. New items are: stainless pots, coffee mugs, melamine plastic items, and glass bowl. The new load items provide different shapes which challenge a dishwasher water spray patterns and provide additional surfaces for soil removal assessment.
d) Detergent: a new detergent "D" is specified which mirrors current tablet formulations available on the market. Detergent type D is phosphate free, with percarbonate instead of perborate bleach and more active enzymes.

e) Repeatability and reproducibility improvements.
f) Addition of annexes for the evaluation of soil sensing programmes, rinsing performance, dishwasher filtration and of an annex on the inlet water temperature influence on energy consumption.

SIST/TC IBLP Barve, laki in premazi

SIST EN ISO 22553-1:2021
2021-01 (po) (en;fr;de) 16 str. (D)
Barve in laki - Elektrodepozicijski premazi - 1. del: Slovar (ISO 22553-1:2019)
Paints and varnishes - Electro-deposition coatings - Part 1: Vocabulary (ISO 22553-1:2019)
Osnova: EN ISO 22553-1:2020
ICS: 01.040.87, 87.040

This document defines terms for electro-deposition coatings.
It is applicable to electro-deposition coatings for automotive industries and other general industrial applications, e.g. chiller units, consumer products, radiators, aerospace, agriculture.

SIST EN ISO 22553-2:2021
2021-01 (po) (en;fr;de) 22 str. (F)
Barve in laki - Elektrodepozicijski premazi - 2. del: Prodorna moč (ISO 22553-2:2019)
Paints and varnishes - Electro-deposition coatings - Part 2: Throwing power (ISO 22553-2:2019)
Osnova: EN ISO 22553-2:2020
ICS: 87.040

This document specifies two methods for the determination of the throwing power of electro-deposition coating materials.
It is applicable to electro-deposition coatings for automotive industries and other general industrial applications, e.g. chiller units, consumer products, radiators, aerospace, agriculture.

SIST EN ISO 22553-3:2021
2021-01 (po) (en;fr;de) 13 str. (D)
Barve in laki - Elektrodepozicijski premazi - 3. del: Združljivost elektrodepozicijskih premazov z referenčnim oljem (ISO 22553-3:2019)
Paints and varnishes - Electro-deposition coatings - Part 3: Compatibility of electro-deposition coating materials with a reference oil (ISO 22553-3:2019)
Osnova: EN ISO 22553-3:2020
ICS: 87.040

The document specifies a method for the determination of the compatibility of electro-deposition coating materials with a reference oil.
It is applicable to electro-deposition coatings for automotive industries and other general industrial applications, e.g. chiller units, consumer products, radiators, aerospace, agriculture.

SIST EN ISO 22553-4:2021
2021-01 (po) (en;fr;de) 18 str. (E)
Barve in laki - Elektrodepozicijski premazi - 4. del: Združljivost elektrodepozicijskih premazov s tekočinami, pastami in trdnimi snovmi (ISO 22553-4:2019)
Paints and varnishes - Electro-deposition coatings - Part 4: Compatibility of electro-deposition coating materials with liquid, paste-like and solid foreign materials (ISO 22553-4:2019)
Osnova: EN ISO 22553-4:2020
ICS: 87.040

This document specifies three different methods of electro-deposition coating material contamination with liquid, paste-like and solid foreign materials.
It is applicable to electro-deposition coatings for automotive industries and other general industrial applications, e.g. chiller units, consumer products, radiators, aerospace, agriculture.

SIST EN ISO 22553-5:2021
2021-01 (po) (en;fr;de) 12 str. (C)
Barve in laki - Elektrodepozicijski premazi - 5. del: Določevanje ostankov po sejanju (ISO 22553-5:2019)
Paints and varnishes - Electro-deposition coatings - Part 5: Determination of sieve residue (ISO 22553-5:2019)
Osnova: EN ISO 22553-5:2020
ICS: 87.040

This document specifies a method for the determination of soiling material, e.g. from previous processes, non-dispersed paint particles and other foreign material in the electro-deposition coating material.
It is applicable to electro-deposition coatings for automotive industries and other general industrial applications, e.g. chiller units, consumer products, radiators, aerospace, agriculture.
In practice, increased sieve residue can have different causes, such as metal particles, which are introduced together with the object to be coated, or clots.

SIST EN ISO 22553-6:2021
2021-01 (po) (en;fr;de) 13 str. (D)
Barve in laki - Elektrodepozicijski premazi - 6. del: Potopni markerji (ISO 22553-6:2019)
Paints and varnishes - Electro-deposition coatings - Part 6: Entry marks (ISO 22553-6:2019)
Osnova: EN ISO 22553-6:2020
ICS: 87.040

This document specifies a method for identifying entry marks, which can occur during electro-deposition coating. Entry marks can often occur in the form of streaks when the workpiece, either set as cathode or anode, is immersed in the electro-deposition tank under applied electric potential (relation of voltage and current). These marks occur parallel to the bath surface on the objects to be coated.
It is applicable to electro-deposition coatings for automotive industries and other general industrial applications, e.g. chiller units, consumer products, radiators, aerospace, agriculture.

SIST/TC IEHT Elektrotehnika - Hidravlične turbine

SIST EN IEC 61400-21-1:2019/A11:2021
2021-01 (po) (en;fr) 3 str. (A)
Sistemi za proizvodnjo energije na veter - 21-1. del: Merjenje in ocenjevanje električnih karakteristik - Vetrne turbine - Dopolnilo A11
Wind energy generation systems - Part 21-1: Measurement and assessment of electrical characteristics - Wind turbines
Osnova: EN IEC 61400-21-1:2019/A11:2020
ICS: 27.180

Dopolnilo A11:2021 je dodatek k standardu SIST EN IEC 61400-21-1:2019.
Ta del standarda IEC 61400 vključuje:
• opredelitev in specifikacijo količin, ki jih je treba določiti za opis električnih karakteristik vetrne turbine, povezane z omrežjem;
• merilne postopke za količinsko opredelitev električnih karakteristik;
• postopke za oceno skladnosti z zahtevami za električno povezavo, vključno z oceno pričakovane kakovosti električne energije glede na vrsto vetrne turbine, ko je nameščena na določenem mestu.

Postopki merjenja veljajo za enojne vetrne turbine s trifaznim omrežnim priključkom. Postopki merjenja veljajo za poljubno velikost vetrne turbine, čeprav ta del standarda IEC 61400 zahteva le preskus in karakterizacijo vetrnih turbin v skladu s tem delom standarda IEC 61400, ki so namenjene za povezavo z električnim omrežjem.
Izmerjene karakteristike veljajo za specifično konfiguracijo in način delovanja ocenjevane platforme vetrnih turbin. Če izmerjena lastnost temelji na regulacijskih parametrih in se na podlagi spremembe te lastnosti spremeni delovanje vetrne turbine, je to navedeno v poročilu o preskusu. Primer: Zaščita omrežja, pri kateri raven odklopa temelji na parametru in preskus preveri zgolj pravilno delovanje zaščite, ne pa specifične ravni.
Postopki merjenja so zasnovani tako, da so čim manj odvisni od mesta namestitve, tako da je električne karakteristike, izmerjene na primer na preskusnem mestu, mogoče obravnavati kot reprezentativne tudi za druga mesta.
Ta dokument je namenjen preskušanju vetrnih turbin; vsi postopki, meritve in preskusi v zvezi z vetrnimi elektrarnami so zajeti v standardu IEC 61400-21-2.
Postopki za oceno električnih karakteristik veljajo za vetrne turbine s priključkom na PCC v elektroenergetskih sistemih z nespremenljivo frekvenco omrežja.
OPOMBA:
V tem dokumentu se uporabljajo naslednji izrazi za napetost v omrežju:
– nizka napetost (LV) označuje Un ≤ 1 kV;
– srednja napetost (MV) označuje 1 kV < Un ≤ 35 kV;
– visoka napetost (HV) označuje 35 kV < Un ≤ 220 kV;
– zelo visoka napetost (EHV) označuje Un > 220 kV.

SIST EN IEC 61400-3-1:2019/A11:2021
2021-01 (po) (en;fr) 3 str. (A)
Sistemi za proizvodnjo energije na veter - 3-1. del: Zahteve za načrtovanje fiksnih vetrnih turbin na morju - Dopolnilo A11
Wind energy generation systems - Part 3-1: Design requirements for fixed offshore wind turbines
Osnova: EN IEC 61400-3-1:2019/A11:2020
ICS: 27.180

Dopolnilo A11:2021 je dodatek k standardu SIST EN IEC 61400-3-1:2019.
Ta dokument določa dodatne zahteve za ocenjevanje zunanjih pogojev na območju vetrnih turbin na morju in temeljne zahteve za načrtovanje, s katerimi se zagotovi inženirska celovitost fiksnih vetrnih turbin na morju. Njegov namen je zagotoviti ustrezno raven zaščite pred poškodbami zaradi vseh nevarnosti v predvideni življenjski dobi. Ta dokument se osredotoča na inženirsko celovitost sestavnih delov konstrukcije vetrne turbine na morju, obravnava pa tudi podsisteme, kot so nadzorni in zaščitni mehanizmi, notranji električni sistemi ter mehanski sistemi. Vetrno turbino je treba obravnavati kot fiksno vetrno turbino na morju, če je podporna konstrukcija podvržena hidrodinamični obremenitvi in ima temelje na morskem dnu. Zahteve za načrtovanje, ki so določene v tem dokumentu, ne zadostujejo za zagotovitev inženirske celovitosti plavajočih vetrnih turbin na morju. Za plavajoče namestitve je omenjen standard IEC 61400-3-2. V nadaljevanju tega dokumenta se izraz »vetrna turbina na morju« navezuje na vetrne turbine, ki so pritrjene na morsko dno. Ta dokument naj se uporablja skupaj z ustreznimi standardi IEC in ISO, omenjenimi v točki 2. Ta dokument je v celoti skladen z zahtevami iz standarda IEC 61400-1. Varnostna stopnja vetrne turbine na morju, načrtovane v skladu s tem dokumentom, mora biti enaka stopnji iz standarda IEC 61400-1 ali jo presegati. V nekaterih točkah, pri katerih obsežen opis zahtev pripomore k jasnosti, se ponavlja besedilo iz standarda IEC 61400-1.

SIST/TC IEKA Električni kabli

SIST EN 50397-1:2021 SIST EN 50397-1:2007
2021-01 (po) (en) 28 str. (G)
Oplaščeni vodniki za nadzemne vode in ustrezen pribor za naznačene izmenične napetosti nad 1 kV, ki ne presegajo 36 kV - 1. del: Oplaščeni vodniki
Covered conductors for overhead lines and the related accessories for rated voltages above 1 kV AC and not exceeding 36 kV AC - Part 1: Covered conductors
Osnova: EN 50397-1:2020
ICS: 29.060.20, 29.240.20

This document contains the requirements for covered conductors with or without integrated longitudinal watertightness and/or semi-conductive conductor screen for applications in overhead lines with rated voltages U above 1 kV a.c. and not exceeding 36 kV a.c.

SIST EN IEC 60332-3-10:2018/A11:2021
2021-01 (po) (en;fr) 3 str. (A)
Preskusi na električnih kablih in kablih iz optičnih vlaken v požarnih razmerah - 3-10. del: Preskus navpičnega širjenja ognja po navpično pritrjenih snopih žic ali kablov - Preskuševalna naprava - Dopolnilo A11
Tests on electric and optical fibre cables under fire conditions - Part 3-10: Test for vertical flame spread of vertically-mounted bunched wires or cables - Apparatus
Osnova: EN IEC 60332-3-10:2018/A11:2020
ICS: 29.060.20, 13.220.40

Dopolnilo A11:2021 je dodatek k standardu SIST EN IEC 60332-3-10:2018.
Ta del standarda IEC 60332 podrobno opisuje preskuševalno napravo ter njeno pripravo in umerjanje za preskusne metode za ocenjevanje navpičnega širjenja ognja po navpično pritrjenih snopih žic ali kablov, električnih ali iz optičnih vlaken, v določenih razmerah.
OPOMBA: Za namen tega dokumenta izraz »električna žica ali kabel« zajema vse izolirane kovinske vodnike, ki se uporabljajo za prenos energije ali signalov.

SIST/TC IMKF Magnetne komponente in feritni materiali

SIST EN IEC 63182-2:2021
2021-01 (po) (en) 14 str. (D)
Jedra iz magnetnih prahov - Smernice o merah in mejnih vrednostih površinskih nepravilnosti - 2. del: Obročasta jedra
Magnetic powder cores - Guidelines on dimensions and the limits of surface irregularities - Part 2: Ring-cores
Osnova: EN IEC 63182-2:2020
ICS: 29.100.10

This part of IEC 63182 specifies the dimensions that are of importance for mechanical interchangeability for a preferred range of ring-cores (also called toroids) made of magnetic powder, the effective parameter values to be used in calculations involving them, and gives guidelines on allowable limits of surface irregularities applicable to coated ring-cores.
The selection of core sizes for this document is based on the philosophy of including those sizes which are industrial standards, meaning that they are in broad-based use within the industry. This document is considered as a sectional specification useful in the negotiations between magnetic powder core manufacturers and users about surface irregularities.

SIST/TC IPMA Polimerni materiali in izdelki

SIST EN 17417:2021
2021-01 (po) (en;fr;de) 32 str. (G)
Ugotavljanje dokončne biorazgradnje plastičnih materialov v vodnem sistemu pri anoksičnih (denitrifikacijskih) pogojih - Metoda z meritvijo zviševanja tlaka
Determination of the ultimate biodegradation of plastics materials in an aqueous system under anoxic (denitrifying) conditions - Method by measurement of pressure increase
Osnova: EN 17417:2020
ICS: 83.080.01, 13.030.99

This document specifies a method for the determination of the ultimate anoxic biodegradability of plastics made of organic compounds, where the amount of the produced nitrogen and carbon dioxide at the end of the test is measured.
The test substance is exposed to an inoculum stemming from the denitrification tank of a wastewater treatment plant. Testing is performed under defined laboratory conditions.

SIST/TC ISTP Stavbno pohištvo

SIST EN 15684:2021 SIST EN 15684:2014
2021-01 (po) (en;fr;de) 52 str. (J)
Stavbno okovje - Mehatronski valji - Zahteve in preskusne metode
Building hardware - Mechatronic cylinders - Requirements and test methods
Osnova: EN 15684:2020
ICS: 91.190

This document specifies requirements for performance and testing of Mechatronic Cylinders and their keys and/or electronic keys.
It applies to cylinders for such locks designed to be normally used in buildings. It also applies to cylinders for use with other hardware products such as exit devices, door operators, etc. or monitoring facilities and alarm systems.
It establishes categories of use based on performance tests and grades of security based on design requirements and on performance tests that simulate attack.
This document includes assessment of additional features when they are included in the cylinder design.
This document does not cover any other element of a security system, other than those directly involved in the control of a cylinder.
The suitability of cylinders for use on fire or smoke-door assemblies is determined by fire performance tests conducted in addition to the performance testing specified by this document (see Annex A).

SIST/TC ITC Informacijska tehnologija

SIST EN ISO 12967-1:2021 SIST EN ISO 12967-1:2011
2021-01 (po) (en;fr;de) 78 str. (L)
Zdravstvena informatika - Arhitektura storitve - 1. del: Podjetniški vidik (ISO 12967-1:2020)
Health informatics - Service architecture (HISA) - Part 1: Enterprise viewpoint (ISO 12967-1:2020)
Osnova: EN ISO 12967-1:2020
ICS: 35.240.80

This document provides guidance and requirements for the description, planning and development of new systems, as well as for the integration of existing information systems, both within one enterprise and across different healthcare organizations, through an architecture integrating the common data and business logic into a specific architectural layer (i.e. the

middleware), distinct from individual applications and accessible throughout the whole information system through services, as shown in Figure 2.This document is also independent from, and does not imply either explicitly or implicitly, any specific technological solution or product for its deployment. Accordingly, the formalization of the architecture according to two lower levels of the ODP reference model, the engineering and technology viewpoints, is outside the scope of this document.
The language and notations used here for specifying the architecture are based on UML (Unified Modeling Language) complemented by case studies and other paradigms widely utilized by other standards in health informatics. The level of the specification is complete and non-ambiguous enough to allow its implementation into the specific physical and technological scenarios adopted by the various healthcare organizations and vendors. Accordingly, methodology formalized by the Engineering and Technology viewpoints of the RM ODP Reference Model can be followed for the implementation.

SIST EN ISO 12967-2:2021 SIST EN ISO 12967-2:2011
2021-01 (po) (en;fr;de) 63 str. (K)
Zdravstvena informatika - Arhitektura storitve - 2. del: Informacijski vidik (ISO 12967-2:2020)
Health informatics - Service Architecture (HISA) - Part 2: Information viewpoint (ISO 12967-2:2020)
Osnova: EN ISO 12967-2:2020
ICS: 35.240.80

This document specifies the fundamental characteristics of the information model implemented by a specific architectural layer (i.e. the service architecture) of the information system to provide a comprehensive and integrated storage of the common enterprise data and to support the fundamental business processes of the healthcare organization, as defined in ISO 12967-1.
The information model is specified in this document without any explicit or implicit assumption on the physical technologies, tools or solutions to adopt for its physical implementation in the various target scenarios. The specification is nevertheless formal, complete and non-ambiguous enough to allow implementers to derive an efficient design of the system in the specific technological environment that will be selected for the physical implementation.
This document does not aim at representing a fixed, complete, specification of all possible data that can be necessary for any requirement of any healthcare enterprise. It specifies only a set of characteristics, in terms of overall organization and individual information objects, identified as fundamental and common to all healthcare organizations, and that is satisfied by the information model implemented by the service architecture.
Preserving consistency with the provisions of this document, physical implementations are allowed extensions to the standard information model in order to support additional and local requirements. Extensions include both the definition of additional attributes in the objects of the standard model, and the implementation of entirely new objects.
Also, this document specification is extensible over time according to the evolution of the applicable standardization initiatives.
The specification of extensions is carried out according to the methodology defined in ISO 12967-1:2020,
Clause 7.

SIST EN ISO 12967-3:2021 SIST EN ISO 12967-3:2011
2021-01 (po) (en;fr;de) 42 str. (I)
Zdravstvena informatika - Arhitektura storitve - 3. del: Računalniški vidik (ISO 12967-3:2020)
Health informatics - Service Architecture (HISA) - Part 3: Computational viewpoint (ISO 12967-3:2020)
Osnova: EN ISO 12967-3:2020
ICS: 35.240.80

This document specifies the fundamental characteristics of the computational model implemented by a specific architectural layer of the information system (i.e. the service architecture) to provide a comprehensive and integrated interface to the common enterprise information and to support the

fundamental business processes of the healthcare organization, as defined in ISO 12967-1. The computational model is specified without any explicit or implicit assumption about the physical technologies, tools or solutions to adopt for its physical implementation in the various target scenarios.
The specification is nevertheless formal, complete and non-ambiguous enough to allow implementers to derive an efficient design of the system in the specific technological environment which will be selected for the physical implementation.
The computational model specified in this document provides the basis for ensuring consistency between different engineering and technology specifications (including programming languages and communication mechanisms) since they are intended to be consistent with the same computational object model. This consistency allows open inter-working and portability of components in the resulting implementation.
This document does not aim at representing a fixed, complete, specification of all possible interfaces that might be necessary for any requirement of any healthcare enterprise. It specifies only a set of characteristics — in terms of overall organization and individual computational objects, identified as fundamental and common to all healthcare organizations, and that are satisfied by the computational model implemented by the service architecture.
Preserving consistency with the provisions of this document, physical implementations of the computational model specified in this document can allow extensions in order to support additional and local requirements. Extensions can include both the definition of additional properties of the objects of the computational model specified in this document and the implementation of entirely new objects. Also, the computational model specified in this document can be extendable over time according to the evolution of the applicable standardization initiatives, in accordance to the methodology defined in ISO 12967-1:2020, Clause 7, which identifies a set of healthcare common information services, describing the requirements behind them and the methodology through which they will be used.
The information services specified in this document are only the minimal set identifiable according to the identified requirements of the healthcare enterprise, and constituting the service architecture (i.e. the integration platform) to serve as the basis for healthcare applications, e.g. EHR or patient administration.

SIST EN ISO 13143-1:2021 SIST EN ISO 13143-1:2017
2021-01 (po) (en;fr;de) 78 str. (L)
Elektronsko pobiranje pristojbin - Ugotavljanje skladnosti opreme v vozilu in obcestni napravi s standardom ISO 12813 - 1. del: Zgradba preskuševalnega niza in namen preskušanja (ISO 13143-1:2020)
Electronic fee collection - Evaluation of onboard and roadside equipment for conformity to ISO 12813 - Part 1: Test suite structure and test purposes (ISO 13143-1:2020)
Osnova: EN ISO 13143-1:2020
ICS: 43.040.15, 35.240.60, 03.220.20

This document specifies the test suite structure (TSS) and test purposes (TPs) for evaluating the conformity of on-board equipment (OBE) and roadside equipment (RSE) to ISO 12813.
It provides a basis for conformance tests for dedicated short-range communication (DSRC) OBE and RSE to support interoperability between different equipment supplied by different manufacturers.
ISO 12813 defines requirements on the compliance check communication (CCC) interface level, but not for the RSE or OBE internal functional behaviour. Consequently, tests regarding OBE and/or RSE functional behaviour remain outside the scope of this document.

SIST-TP CEN/TR 17546:2021
2021-01 (po) (en;fr;de) 36 str. (H)
Elektronsko pobiranje pristojbin - Analiza vrzeli EETS in predlagan akcijski načrt za standardizacijo
Electronic fee collection - EETS gap analysis and proposed standards roadmap
Osnova: CEN/TR 17546:2020
ICS: 01.120, 35.240.60

This document provides an EETS gap analysis with the aim to identify the need for new or updated standards to provide an enhanced support of the recast of the EU EETS legislation [29], [31], [32].

SIST-TS CEN ISO/TS 16791:2021 SIST-TS CEN ISO/TS 16791:2015
2021-01 (po) (en;fr;de) 44 str. (I)
Zdravstvena informatika - Zahteve za mednarodne strojno berljive kode za pakiranje zdravil (ISO/TS 16791:2020)
Health informatics – Requirements for international machine-readable coding of medicinal product package identifiers (ISO/TS 16791:2020)
Osnova: CEN ISO/TS 16791:2020
ICS: 35.040.50, 35.240.80

This document provides guidelines on identification and labelling of medicinal products from the point of manufacture of packaged medicinal product to the point of dispensing the product.
This document outlines best practice for AIDC barcoding solutions for applications. Users can, however, consider the coding interoperability requirements for other AIDC technologies, e.g. Radio Frequency Identification (RFID).

SIST-TS CEN ISO/TS 19321:2021 SIST-TS CEN ISO/TS 19321:2015
2021-01 (po) (en;fr;de) 58 str. (J)
Inteligentni transportni sistemi - Kooperativni sistem (ITS) - Podatkovni slovar informacijskih struktur v vozilih (IVI) (ISO/TS 19321:2020)
Intelligent transport systems - Cooperative ITS - Dictionary of in-vehicle information (IVI) data structures (ISO/TS 19321:2020)
Osnova: CEN ISO/TS 19321:2020
ICS: 35.240.60, 43.040.15

This document specifies the in-vehicle information (IVI) data structures that are required by different intelligent transport system (ITS) services for exchanging information between ITS Stations (ITS-S).
A general, extensible data structure is specified, which is split into structures called containers to accommodate current-day information. Transmitted information includes IVI such as contextual speed, road works warnings, vehicle restrictions, lane restrictions, road hazard warnings, locationbased services, re-routing. The information in the containers is organized in sub-structures called data frames and data elements, which are described in terms of its content and its syntax.
The data structures are specified as communications agnostic. This document does not provide the communication protocols. This document provides scenarios for usage of the data structure, e.g. in case of real time, short-range communications.

SIST/TC ITEK Tekstil in tekstilni izdelki

SIST EN 12225:2021 SIST EN 12225:2001
2021-01 (po) (en;fr;de) 8 str. (B)
Geosintetika - Metoda ugotavljanja mikrobiološke odpornosti s preskusom zakopavanja v zemljo
Geosynthetics - Method for determining the microbiological resistance by a soil burial test
Osnova: EN 12225:2020
ICS: 59.080.70, 07.100.99

This standard specifies a method for the determination of the microbiological resistance of geotextiles and geotextile-related products by a soil burial test. It does not specify for which products or in which applications the soil burial test is required. Further reference should be made to CR ISO 13434.

SIST EN ISO 10874:2012/A1:2021
2021-01 (po) (en;fr;de) 8 str. (B)
Netekstilne, tekstilne in laminatne talne obloge - Razvrščanje - Dopolnilo A1: Izločitev razreda 22+ (ISO 10874:2009/Amd 1:2020)
Resilient, textile and laminate floor coverings - Classification - Amendment 1: Elimination of class 22+ (ISO 10874:2009/Amd 1:2020)
Osnova: EN ISO 10874:2012/A1:2020
ICS: 97.150

Dopolnilo A1:2021 je dodatek k standardu SIST EN ISO 10874:2012.
Ta mednarodni standard vzpostavlja sistem razvrščanja za netekstilne, tekstilne in laminatne talne obloge. To razvrščanje temelji na praktičnih zahtevah glede področij in intenzivnosti uporabe. Te zahteve so povezane z zahtevami, določenimi v mednarodnem standardu za posamezno vrsto talnih oblog. Ta standard zagotavlja tudi navodila za proizvajalce, naročnike in potrošnike, da lažje izberejo ustrezni razred talnih oblog za določeno področje uporabe ali določen prostor.
OPOMBA Na vrhnjo plast in videz talnih oblog vplivajo standardi namestitve in vzdrževanja, stanje tal pod oblogami in vrsta uporabe (vrsta obutve, visoka koncentracija lokaliziranega prometa itd.). Pri uporabi sistema razvrščanja je treba upoštevati te dejavnike.

SIST EN ISO 12945-1:2021 SIST EN ISO 12945-1:2001
2021-01 (po) (en;fr;de) 16 str. (D)
Tekstilije - Ugotavljanje nagnjenja tekstilij k površinskemu pilingu, razvlaknjanju ali zapletanju - 1. del: Metoda s pilingom posode (ISO 12945-1:2020)
Textiles - Determination of fabric propensity to surface pilling, fuzzing or matting - Part 1: Pilling box method (ISO 12945-1:2020)
Osnova: EN ISO 12945-1:2020
ICS: 59.080.01

This document specifies a method for the determination of the resistance to pilling, fuzzing, and matting of textile fabrics using a rotating pilling box apparatus.

SIST EN ISO 12945-2:2021 SIST EN ISO 12945-2:2000
2021-01 (po) (en;fr;de) 21 str. (F)
Tekstilije - Ugotavljanje nagnjenja tekstilij k površinskemu pilingu, razvlaknjanju ali zapletanju - 2. del: Prilagojena Martindalova metoda (ISO 12945-2:2020)
Textiles - Determination of fabric propensity to surface pilling, fuzzing or matting - Part 2: Modified Martindale method (ISO 12945-2:2020)
Osnova: EN ISO 12945-2:2020
ICS: 59.080.01

This document specifies a method for the determination of the resistance to pilling, fuzzing, and matting of textile fabrics using a modified Martindale method.

SIST EN ISO 12945-3:2021 SIST EN ISO 12945-3:2014
2021-01 (po) (en;fr;de) 20 str. (E)
Tekstilije - Ugotavljanje nagnjenja tekstilij k površinskemu pilingu, razvlaknjanju ali zapletanju - 3. del: Naključna metoda s pilingom bobna (ISO 12945-3:2020)
Textiles- Determination of the fabric propensity to surface pilling, fuzzing or matting - Part 3: Random tumble pilling method (ISO 12945-3:2020)
Osnova: EN ISO 12945-3:2020
ICS: 59.080.01

This document specifies a method for the determination of the resistance to pilling, fuzzing, and matting of textile fabrics using the random tumble pilling tester. This method is applicable to most of woven and knitted fabrics, including napped fabrics (fleeces, inlay fabrics).
This method is not applicable to fabrics which cannot tumble freely.

SIST EN ISO 12945-4:2021
2021-01 (po) (en;fr;de) 13 str. (D)
Tekstilije - Ugotavljanje nagnjenja tekstilij k površinskemu pilingu, razvlaknjanju ali zapletanju - 4. del: Ocenjevanje pilinga, razvlaknjanja ali zapletanja z vizualno analizo (ISO 12945-4:2020)
Textiles - Determination of fabric propensity to surface pilling, fuzzing or matting - Part 4: Assessment of pilling, fuzzing or matting by visual analysis (ISO 12945-4:2020)
Osnova: EN ISO 12945-4:2020
ICS: 59.080.01

This document specifies a method for the visual assessment of pilling, fuzzing, and matting respectively of textile fabrics. This method is applicable to most of woven and knitted fabrics, including napped fabrics (fleeces, inlay fabrics).

SIST EN ISO 12958-1:2021 SIST EN ISO 12958:2012
2021-01 (po) (en;fr;de) 21 str. (F)
Geotekstilije in geotekstilijam sorodni izdelki - Ugotavljanje zmogljivosti pretoka vode v ravnini - 1. del: Indeksni preskus (ISO 12958-1:2020)
Geotextiles and geotextile-related products - Determination of water flow capacity in their plane - Part 1: Index test (ISO 12958-1:2020)
Osnova: EN ISO 12958-1:2020
ICS: 59.080.70

This document specifies a method for determining the constant-head water flow capacity within the plane of a geotextile or geotextile-related product. This document describes the in-plane water flow index test, only applicable to factory-assembled products. For the in-plane water flow performance test, see ISO 12958-2.

SIST EN ISO 12958-2:2021 SIST EN ISO 12958:2012
2021-01 (po) (en;fr;de) 24 str. (F)
Geotekstilije in geotekstilijam sorodni izdelki - Ugotavljanje zmogljivosti pretoka vode v ravnini - 2. del: Preskus lastnosti (ISO 12958-2:2020)
Geotextiles and geotextile-related products - Determination of water flow capacity in their plane - Part 2: Performance test (ISO 12958-2:2020)
Osnova: EN ISO 12958-2:2020
ICS: 59.080.70

This document specifies a method for determining the constant-head water flow capacity within the plane of a geotextile or geotextile-related product, using boundary materials and test conditions of interest. A standard series of test conditions are proposed, involving soil confinement, low hydraulic gradients, seating times and an array of normal loads.

SIST EN ISO 5079:2021 SIST EN ISO 5079:1999
2021-01 (po) (en;fr;de) 20 str. (E)
Tekstilna vlakna - Ugotavljanje pretržne sile in pretržnega raztezka posameznih vlaken (ISO 5079:2020)
Textile fibres - Determination of breaking force and elongation at break of individual fibres (ISO 5079:2020)
Osnova: EN ISO 5079:2020
ICS: 59.060.01

This document specifies the method and conditions of test for the determination of the breaking force and elongation at break of individual fibres in the conditioned or wet state.
The determination of these fibre properties, when carried out on different kinds of testing equipment, will not generally give identical results. To avoid such differences, this document is restricted to the use of constant-rate-of-extension testing machine.
It is applicable to all fibres, including crimped fibres, provided that the length of fibre available enables the gauge length specified in this document.
NOTE For natural fibres (especially wool and cotton), the breaking test most commonly performed is that of bundles of fibres (see ISO 3060 and IWTO 32-82).

SIST/TC IŽNP Železniške naprave

SIST EN 13231-2:2021 SIST EN 13231-3:2012
SIST EN 13231-4:2013

2021-01 (po) (en;fr;de) 58 str. (J)

Železniške naprave - Zgornji ustroj proge - Prevzem del - 2. del: Prevzem reprofiliranih tirov na odprti progi, ostric, prehodov in razširjevalnih naprav

Railway applications - Track - Acceptance of works - Part 2: Acceptance of reprofiling rails in plain line, switches, crossings and expansion devices

Osnova: EN 13231-2:2020
ICS: 45.080, 93.100

This part of EN 13231 series defines the technical requirements and measurements for the acceptance of works for longitudinal and / or transverse reprofiling of railway rail heads in plain line, switches and crossings and expansion devices.
It applies to Vignole rails of 46 kg/m and above according to EN 13674 1.

SIST EN 13848-2:2021 SIST EN 13848-2:2006

2021-01 (po) (en;fr;de) 44 str. (I)

Železniške naprave - Zgornji ustroj proge - Kakovost tirne geometrije - 2. del: Merilni sistemi - Merilna vozila

Railway applications - Track - Track geometry quality - Part 2: Measuring systems - Track recording vehicles

Osnova: EN 13848-2:2020
ICS: 45.080, 93.100

This European Standard specifies the minimum requirements for track geometry measuring principles and systems in order to produce comparable results when measuring the same track. It applies to all measuring systems, attended or unattended, fitted on any vehicle, except track construction and maintenance machines. Only systems put into service after the standard comes into force are concerned.
This standard does not define the requirements for vehicle acceptance.
This standard does not apply to measuring systems dedicated to urban rail such as tramways, light rail or similar networks.

SIST EN 13848-6:2014+A1:2021 SIST EN 13848-6:2014
SIST EN 13848-6:2014/kFprA1:2020

2021-01 (po) (en;fr;de) 30 str. (G)

Železniške naprave - Zgornji ustroj proge - Kakovost tirne geometrije - 6. del: Karakterizacija kakovosti tirne geometrije

Railway applications - Track - Track geometry quality - Part 6: Characterisation of track geometry quality

Osnova: EN 13848-6:2014+A1:2020
ICS: 45.080, 93.100

This European Standard characterizes the quality of track geometry based on parameters defined in EN 13848 1 and specifies the different track geometry classes which should be considered.
This European Standard covers the following topics:
- description of track geometry quality;
- classification of track quality according to track geometry parameters;
- considerations on how this classification can be used;
- this European Standard applies to high-speed and conventional lines of 1 435 mm and wider gauge;
- this European Standard forms an integral part of EN 13848 series.

SIST EN 17397-1:2021
2021-01 (po) (en;fr;de) 69 str. (K)
Železniške naprave - Napake na progi - 1. del: Upravljanje železniških napak
Railway applications - Rail defects - Part 1: Rail defect management
Osnova: EN 17397-1:2020
ICS: 93.100

This Standard specifies the defect management system the infrastructure manager uses to control the risk of severe accidents due to degradation of internal or surface defects on rails complying with EN 13674-1, EN 13674-2, EN 13674-4 and EN 15689 (excluding grooved rails EN 14811 - which need alternative systems).

SIST/TC KAT Karakterizacija tal, odpadkov in blata

SIST EN 17411:2021
2021-01 (po) (en;fr;de) 10 str. (C)
Gnojila - Določevanje perklorata v mineralnih gnojilih s tekočinsko kromatografijo in tandemsko masno spektrometrijo (LC-MS/MS)
Fertilizers - Determination of perchlorate in mineral fertilizers by liquid chromatography and tandem mass spectrometry detection (LC-MS/MS)
Osnova: EN 17411:2020
ICS: 71.040.50, 65.080

This document specifies a method for the determination of traces of perchlorate with liquid chromatography and tandem mass spectrometry detection (LC-MS/MS). The method is applicable to mineral fertilizers.

SIST EN ISO 23753-1:2019/A1:2021
2021-01 (po) (en;fr;de) 7 str. (B)
Kakovost tal - Določevanje aktivnosti dehidrogenaze v tleh - 1. del: Metoda s trifeniltetrazolijevim kloridom (TTC) - Dopolnilo A1 (ISO 23753-1:2019/Amd 1:2020)
Soil quality - Determination of dehydrogenases activity in soils - Part 1: Method using triphenyltetrazolium chloride (TTC) - Amendment 1 (ISO 23753-1:2019/Amd 1:2020)
Osnova: EN ISO 23753-1:2019/A1:2020
ICS: 13.080.30

Dopolnilo A1:2021 je dodatek k standardu SIST EN ISO 23753-1:2019.
Ta dokument določa metodo za določevanje aktivnosti dehidrogenaze encimov v tleh z uporabo 2,3,5-trifeniltetrazolijevega klorida (TTC).

SIST EN ISO 23753-2:2019/A1:2021
2021-01 (po) (en;fr;de) 7 str. (B)
Kakovost tal - Določevanje aktivnosti dehidrogenaze v tleh - 2. del: Metoda z jodotetrazolijevim kloridom (INT) - Dopolnilo A1 (ISO 23753-2:2019/Amd 1:2020)
Soil quality - Determination of dehydrogenases activity in soils - Part 2: Method using iodotetrazolium chloride (INT) - Amendment 1 (ISO 23753-2:2019/Amd 1:2020)
Osnova: EN ISO 23753-2:2019/A1:2020
ICS: 13.080.30

Dopolnilo A1:2021 je dodatek k standardu SIST EN ISO 23753-2:2019.
Ta dokument določa metodo za določevanje aktivnosti dehidrogenaz v tleh z uporabo 2-(4-jodofenil)-3-(4-nitrofenil)-5-feniltetrazolijevega klorida (INT)[1]-[5]. Ker je redukcija INT manj občutljiva na O2, je metoda bolj robustna kot metoda TTC, opisana v standardu ISO 23753-1.

SIST/TC KAV Kakovost vode

SIST EN 14614:2021 SIST EN 14614:2005
2021-01 (po) (en;fr;de) 50 str. (I)
Kakovost vode - Navodilo za ocenjevanje hidromorfoloških značilnosti vodotokov
Water quality - Guidance standard for assessing the hydromorphological features of rivers
Osnova: EN 14614:2020
ICS: 13.060.10, 13.060.70, 07.060

This document is focused on the structural features of rivers, on geomorphological and hydrological processes, and on river continuity. It provides guidance on the features and processes to be taken into account when characterizing and assessing the hydromorphology of rivers. It is based on methods developed, tested, and compared in Europe. Its main aim is to improve the comparability of hydromorphological assessment methods, data processing and interpretation. Although it has particular importance for the WFD by providing guidance on assessing hydromorphological quality, it has considerably wider scope for other applications. In addition, while recognizing the important influence of hydromorphology on plant and animal ecology, no attempt is made to provide guidance in this area, but where the biota have an important influence on hydromorphology these influences are included.
NOTE A case study illustrating the application of this standard is given in Gurnell and Grabowski[1].

SIST EN ISO 13161:2021 SIST EN ISO 13161:2016
SIST ISO 13161:2013
2021-01 (po) (en;fr;de) 28 str. (G)
Kakovost vode - Polonij Po-210 - Preskusna metoda z alfa spektrometrijo (ISO 13161:2020)
Water quality - Polonium 210 - Test method using alpha spectrometry (ISO 13161:2020)
Osnova: EN ISO 13161:2020
ICS: 17.240, 13.060.60

This document specifies a method for the measurement of 210Po in all types of waters by alpha spectrometry.
The method is applicable to test samples of supply/drinking water, rainwater, surface and ground water, marine water, as well as cooling water, industrial water, domestic, and industrial wastewater after proper sampling and handling, and test sample preparation. Filtration of the test sample may be required.
The detection limit depends on the sample volume, the instrument used, the counting time, the background count rate, the detection efficiency and the chemical yield. The method described in this document, using currently available alpha spectrometry apparatus, has a detection limit of approximately 5 mBq l−1, which is lower than the WHO criteria for safe consumption of drinking water (100 mBq l−1). This value can be achieved with a counting time of 24 h for a sample volume of 500 ml.

The method described in this document is also applicable in an emergency situation.
The analysis of 210Po adsorbed to suspended matter in the sample is not covered by this method.
If suspended material has to be removed or analysed, filtration using a 0,45 μm filter is recommended.
The analysis of the insoluble fraction requires a mineralization step that is not covered by this document [13]. In this case, the measurement is made on the different phases obtained. The final activity is the sum of all the measured activity concentrations.
It is the user's responsibility to ensure the validity of this test method for the water samples tested.

SIST EN ISO 22017:2021
2021-01 (po) (en;fr;de) 29 str. (G)
Kakovost vode - Navodilo za hitre meritve radioaktivnosti v nujnih primerih (ISO 22017:2020)
Water quality - Guidance for rapid radioactivity measurements in nuclear or radiological emergency situation (ISO 22017:2020)
Osnova: EN ISO 22017:2020
ICS: 17.240, 13.280, 13.060.60

This standard describes the requirements for rapid testing of water samples under emergency situations in laboratories:
- taking into account a special context for analyses, e.g. an unknown and unusual contamination;
- using or adapting if possible radioactivity measurements methods used in routine to get a result rapidly or applying specific rapid methods previously tested by the laboratory, e.g. for 89Sr determination;
- preparing the laboratory to analyse a large number of potentially contaminated samples.
The focus thereby is on cases where rapid radioactivity test methods are applied for all kind of waters. The first steps of the analytical strategy is often based on gross alpha and gross beta as screening methods (adaptation of ISO 10704 and ISO 11704) and gamma spectrometry (adaptation of ISO 10703). Then if necessary, specific radionuclides standards are adapted and applied (for example, Strontium 90 measurement following ISO 13160).
This guideline refers to a number of ISO standards. If appropriate, it will also refer to national or other publically available standards.
Screening techniques that can be carried out on site are not part of this guide.

SIST ISO 5667-10:2021 SIST ISO 5667-10:1996
2021-01 (po) (en) 50 str. (I)
Kakovost vode - Vzorčenje - 10. del: Navodilo za vzorčenje odpadne vode
Water quality - Sampling - Part 10: Guidance on sampling of waste waters
Osnova: ISO 5667-10:2020
ICS: 13.060.45, 13.060.30

This document contains details on the sampling of domestic and industrial waste water, i.e. the design of sampling programmes and techniques for the collection of samples. It covers waste water in all its forms, i.e. industrial waste water, radioactive waste water, cooling water, raw and treated domestic waste water.
It deals with various sampling techniques used and the rules to be applied so as to ensure the samples are representative.
Sampling of accidental spillages is not included, although the methods described in certain cases may also be applicable to spillages.

SIST/TC KAZ Kakovost zraka

SIST EN ISO 22065:2021 SIST EN ISO 22065:2019
2021-01 (po) (en;fr;de) 46 str. (I)
Zrak na delovnem mestu - Plini in pare - Zahteve za vrednotenje postopkov za merjenje z vzorčevalniki s črpanjem (ISO 22065:2020)
Workplace air - Gases and vapours - Requirements for evaluation of measuring procedures using pumped samplers (ISO 22065:2020)
Osnova: EN ISO 22065:2020
ICS: 13.040.30

This document specifies performance requirements and test methods under prescribed laboratory conditions for the evaluation of pumped samplers used in conjunction with an air sampling pump and of procedures using these samplers for the determination of gases and vapours in workplace atmospheres.
This document addresses requirements for method developers and/or manufacturers.
NOTE 1 For the purposes of this document, a manufacturer can be any commercial or non-commercial entity.
NOTE 2 For the sampling of semi-volatile compounds which can appear as a mixture of vapours and airborne
particles in workplace atmospheres see EN 13936.
This document is applicable to pumped samplers and measuring procedures using these samplers in which sampling and analysis are carried out in separate stages.
This document is not applicable to:
— pumped samplers which are used for the direct determination of concentrations, for example, length-of-stain detector tubes;
— samplers which rely on sorption into a liquid, and subsequent analysis of the solution (bubblers).

SIST-TP CEN/TR 17554:2021
2021-01 (po) (en;fr;de) 21 str. (F)
Zunanji zrak - Uporaba standarda EN 16909 za določevanje elementarnega ogljika (EC) in organskega ogljika (OC) v frakcijah PM10 in grobih delcev
Ambient air - Application of EN 16909 for the determination of elemental carbon (EC) and organic carbon (OC) in PM10 and PMcoarse
Osnova: CEN/TR 17554:2020
ICS: 13.040.20

This document describes procedures to assess the applicability of the standard method EN 16909 (determination of OC and EC deposited on filters) to particle size fractions up to 10 µm in aerodynamic diameter (50 % cut off).

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

SIST EN 12472:2021 SIST EN 12472:2006+A1:2009
2021-01 (po) (en;fr;de) 16 str. (D)
Metoda za simulacijo pospešene obrabe in korozije za zaznavanje sproščanja niklja iz prevlečenih predmetov
Method for the simulation of accelerated wear and corrosion for the detection of nickel release from coated items
Osnova: EN 12472:2020
ICS: 39.060

This document specifies a method for the simulation of accelerated wear and corrosion, to be used prior to the detection of nickel release from coated articles that come into direct and prolonged contact with the skin. According to the Commission Regulation (EC) No 1907/2006 (REACH), articles with an outer coating containing nickel and those which are inserted into pierced ears and other parts of the human body are excluded from the scope of this document.

SIST EN 13623:2021 SIST EN 13623:2010
2021-01 (po) (en;fr;de) 38 str. (H)
Kemična razkužila in antiseptiki - Kvantitativni suspenzijski preskus za vrednotenje baktericidnega delovanja kemičnih razkužil za razkuževanje vode na bakterijo Legionella - Preskusna metoda in zahteve (faza 2, stopnja 1)
Chemical disinfectants and antiseptics - Quantitative suspension test for the evaluation of bactericidal activity against Legionella of chemical disinfectants for aqueous systems - Test method and requirements (phase 2, step 1)
Osnova: EN 13623:2020
ICS: 71.100.35

This EN specifies a test method and the minimum requirements for bactericidal activity of chemical disinfectant products intended to be used for treatment in aqueous systems against Legionella pneumophila that form a homogeneous, physically stable preparation when diluted with buffered ferrous hard water or hard water. Whenever Legionella pneumophila poses a risk to human health, this method is suitable for water used in cooling towers and water for general purposes, like spas, pools, showers and other uses. The method is not suitable for electro-chemical disinfection. The European Standard applies to products used to treat water in order to kill Legionella pneumophila.
NOTE 1 The method described is intended to determine the activity of commercial formulations or active substances under the conditions in which they are used.
NOTE 2 This method corresponds to a phase 2 step 1 test .
NOTE 3 This method does not take into account the fact that Legionella pneumophila is often found in cells of amoebae and/or biofilms and that thereby a product's activity against the bacteria may be reduced.
EN 14885 specifies in detail the relationship of the various tests to one another and to "use recommendation".

SIST ISO 18861:2021
2021-01 (po) (en) 16 str. (D)
Kozmetika - Preskusne metode za zaščito pred soncem - Odstotek vodoodpornosti
Cosmetics - Sun protection test methods - Percentage of water resistance
Osnova: ISO 18861:2020
ICS: 71.100.70

This document specifies a procedure for evaluating the water resistance retention percentage, by comparing the sun protection factor (SPF) before water immersion (hereafter referred to as the "static" SPF) and after a fixed period of water immersion (hereafter referred to as the "wet" SPF).

SIST/TC KON.007 Geotehnika - EC 7

SIST EN 12715:2021 SIST EN 12715:2002
2021-01 (po) (en;fr;de) 51 str. (J)
Izvedba posebnih geotehničnih del - Injektiranje
Execution of special geotechnical work - Grouting
Osnova: EN 12715:2020
ICS: 93.020

This document is applicable to the execution, testing and monitoring of geotechnical grouting work.

Grouting for geotechnical purposes (geotechnical grouting) is a process in which the remote placement of a pumpable material in the ground is indirectly controlled by adjusting its rheological characteristics and by the manipulation of the placement parameters (pressure, volume and the flow rate).

The following principles and methods of geotechnical grouting are covered by this document:

- displacement grouting (compaction and compensation grouting);
- grouting without displacement of the host material (permeation, fissure/rock grouting, bulk filling).

The principal objectives of geotechnical grouting are:

- the modification of the hydraulic/hydrogeological characteristics the ground;
- the modification of the mechanical properties of the ground;
- the filling of natural cavities, mine workings, voids adjacent to structures;
- inducing displacement to compensate for ground loss or to stabilize and lift footings, slabs and pavements.

Specialized grouting activities, generally associated with structural and/or emergency works, are not covered by this document.

The execution, testing and monitoring of jet grouting work is not covered by this document and is covered by EN 12716.

SIST/TC KŽP Kmetijski pridelki in živilski proizvodi

SIST EN 14105:2021 SIST EN 14105:2011

2021-01 (po) (en;fr;de) 27 str. (G)

Derivati maščob in olj - Metil estri maščobnih kislin (FAME) - Določevanje prostega in celotnega glicerola ter mono-, di- in trigliceridov

Fat and oil derivatives - Fatty Acid Methyl Esters (FAME) - Determination of free and total glycerol and mono-, di-, triglyceride contents

Osnova: EN 14105:2020

ICS: 67.200.10

The purpose of this European Standard is to determine the free glycerol and residual mono-, di- and triglyceride contents in fatty acid methyl esters (FAME) intended for addition to mineral oils. The total glycerol content is then calculated from the obtained results.

Under the conditions described, the quantification limits are 0,001 % (m/m) for free glycerol, 0,10 % (m/m) for all glycerides (mono-, di- and tri-). This method is suitable for FAME prepared from rapeseed, sunflower, soybean, palm, animal oils and fats and mixture of them. It is not suitable for FAME produced from or containing coconut and palm kernel oils derivatives because of overlapping of different glyceride peaks.

NOTE For the purposes of this European Standard, the term "% (m/m)" is used to represent respectively the mass fraction.

WARNING - The use of this method may involve hazardous equipment, materials and operations. This method does not purport to address to all of the safety problems associated with its use. It is the responsibility of the user of this standard to take appropriate measures to ensure the safety and health of personnel prior to application of the standard, and fulfil statutory and regulatory requirements for this purpose.

SIST EN 14112:2021 SIST EN 14112:2016

2021-01 (po) (en;fr;de) 18 str. (E)

Derivati maščob in olj - Metilni estri maščobnih kislin (FAME) - Določevanje oksidativne stabilnosti (metoda s pospešeno oksidacijo)

Fat and oil derivatives - Fatty Acid Methyl Esters (FAME) - Determination of oxidation stability (accelerated oxidation test)

Osnova: EN 14112:2020

ICS: 67.200.10

This European Standard specifies a method for the determination of the oxidation stability of fatty acid methyl esters (FAME) at 110 °C, by means of measuring the induction period up to 48 h.
NOTE 1 EN 15751 [1] describes a similar test method for oxidation stability determination of pure fatty acid methyl esters and of blends of FAME with petroleum-based diesel containing 2 % (V/V) of FAME at minimum.
NOTE 2 The precision statement of this test method was determined in a Round Robin exercise with induction periods up to 8,5 h, thus covering the limit value in EN 14214. Results from precision studies on EN 15751 indicate that the precision statement is valid for induction periods up to 48 h but not for higher values.
NOTE 3 Limited studies on EN 15751 with EHN (2-ethyl hexyl nitrate) on FAME blends indicated that the stability is reduced to an extent which is within the reproducibility of the test method. It is likely that the oxidation stability of pure FAMEs is also reduced in the presence of EHN when EN 14112 is used for testing.

SIST EN 17424:2021
2021-01 (po) (en;fr;de) 31 str. (G)
Živila - Določevanje aflatoksina v začimbah, razen v papriki, z IAC-čiščenjem in HPLC-FLD s postkolonsko derivatizacijo
Foodstuffs - Determination of aflatoxins in spices other than paprika by IAC clean-up and HPLC-FLD with post-column derivatization
Osnova: EN 17424:2020
ICS: 67.220.10, 67.050

This document describes a procedure for the determination of aflatoxins B1, B2, G1 and G2 and total aflatoxins (sum of B1, B2, G1 and G2) in spices for which EU maximum levels are established, other than paprika, by high performance liquid chromatography (HPLC) with post-column derivatization (PCD) and fluorescence detection (FLD) after immunoaffinity column clean-up.
The method is applicable to the spices capsicum, pepper, nutmeg, ginger, turmeric and mixtures thereof.
The method has been validated for aflatoxins B1, B2, G1 and G2 and total aflatoxins in a range of test samples that comprised: ginger, pepper, nutmeg, chilli, turmeric as individual spices and mixed pepper+chilli+nutmeg (90+5+5, m+m+m), mixed spice+ginger (6+4, m+m) mixed spice, mixed turmeric+ginger (2+8, m+m).
The validation was carried out over the following concentration ranges: aflatoxin B1 = 1 µg/kg to 16 µg/kg and total aflatoxins = 2,46 µg/kg to 36,1 µg/kg.

SIST/TC MOC Mobilne komunikacije

SIST EN IEC 60794-6:2021
2021-01 (po) (en) 13 str. (D)
Optični kabli - 6. del: Notranji ali zunanji kabli - Oddelčna specifikacija za kable za notranjo ali zunanjo uporabo (IEC 60794-6:2020)
Optical fibre cables - Part 6: Indoor-outdoor cables - Sectional specification for indoor-outdoor cables (IEC 60794-6:2020)
Osnova: EN IEC 60794-6:2020
ICS: 33.180.10

This part of IEC 60794 is a sectional specification covering general features of optical fibre cables applicable to outdoor as well as indoor environments, called "indoor-outdoor cables".
Indoor-outdoor cables are deployed in outside plant environments as well as in premises thus fulfilling outdoor as well as indoor requirements. Typical application spaces are, for example, extension of a duct cable into a building or using this design for centralized cabling in the central

office, the premises or local area network where the same cable is used for the entire length of the cabling link including both the indoor as well as the outdoor portions.
Cables which generally possess the characteristics associated with outdoor cable designs having the thermal and mechanical robustness that makes them suitable for use in the outside plant, while simultaneously being relatively flexible, compact and lightweight and exhibiting the fire performance required in indoor premises are specified in IEC 60794-6-10.
Flame retardant outdoor cables as specified in IEC 60794-6-20 are used when most of the cable length is deployed as an outdoor cable with a part of its length deployed indoors. The cable design can be derived from a typical outdoor cable design according to the product specifications described in IEC 60794-3. The specific performance related to bend radii according to the installation situation and fire performance according to the regional legislation mainly requires the appropriate selection of the jacket material in combination with other material and/or design considerations. Because of the use in buildings with tighter space restrictions, higher flexibility of the cable is often required for the installation. Often, smaller diameter cables are preferred. Indoor cables which are weatherised as specified in (IEC 60794-6-30) are used when an indoor cable is used outdoors over a short distance (few meters), for example when the network access point (NAP) is very close to the building. The indoor-outdoor fibre optical cable design can be derived from an indoor design (see IEC 60794-2 and IEC TR 62901 for typical applications) with specific outdoor performance features added. Critical parameters are UV stability, and resistance against exposure to humidity.

SIST EN IEC 60794-6-10:2021
2021-01 (po) (en) 26 str. (F)
Optični kabli - 6-10. del: Notranji ali zunanji kabli - Skupinska specifikacija za univerzalne notranje ali zunanje kable (IEC 60794-6-10:2020)
Optical fibre cables - Part 6-10: Indoor-outdoor cables - Family specification for universal indoor-outdoor cables (IEC 60794-6-10:2020)
Osnova: EN IEC 60794-6-10:2020
ICS: 33.180.10

This part of IEC 60794 is a family specification covering features of optical fibre cables applicable to outdoor as well as indoor environments, called "universal indoor-outdoor cables". These cables generally possess the characteristics associated with outdoor cable designs (according to IEC 60794-3, however typically less stringent, and typically "non armoured") having the thermal and mechanical robustness that makes them suitable for use in the outside plant, while simultaneously being flexible enough, compact and lightweight and exhibiting the fire performance required in indoor premises. A typical application is for example the centralized cabling in central office and the premises or local area network where the same cable design is used for the entire length of the cabling link including both the indoor as well as the outdoor portions.

SIST EN IEC 60794-6-20:2021
2021-01 (po) (en) 24 str. (F)
Optični kabli - 6-20. del: Notranji ali zunanji kabli - Skupinska specifikacija za zunanje kable, ki zavirajo gorenje (IEC 60794-6-20:2020)
Optical fibre cables - Part 6-20: Indoor-outdoor cables - Family specification for flame retardant outdoor cables (IEC 60794-6-20:2020)
Osnova: EN IEC 60794-6-20:2020
ICS: 33.180.10

This part of IEC 60794 is a family specification covering optical fibre outdoor cables which are flame retardant and thus also applicable to indoor environments. These cables generally possess the characteristics associated with outdoor cable designs having similar thermal and mechanical robustness that makes them suitable for use in the outside plant, while simultaneously exhibiting the fire performance required in indoor premises. A typical application is for example the extension of a "shorter length" of an outdoor cable into the building.

SIST EN IEC 60794-6-30:2021
2021-01 (po) (en) 27 str. (G)
Optični kabli - 6-30. del: Notranji ali zunanji kabli - Skupinska specifikacija za vremensko odporne notranje kable (IEC 60794-6-30:2020)
Optical fibre cables - Part 6-30: Indoor-outdoor cables - Family specification for weatherised indoor cables (IEC 60794-6-30:2020)
Osnova: EN IEC 60794-6-30:2020
ICS: 33.180.10

This part of IEC 60794 is a family specification covering optical fibre indoor cables that are deployed in short length (≤ 10 m) outdoor environments. These cables generally possess the characteristics associated with indoor cable designs having the appropriate fire performance and flexibility that makes them suitable for use in premises. Because of its predicted use outdoors, stability against environmental attack, for example UV radiation and humidity (see IEC 60794-6:2020, Table 1), is important. Typical application spaces include the extension of a short length of indoor cable outside the building such as to a NAP mounted outside the building at the house wall.

SIST EN IEC 61290-1-1:2021 SIST EN 61290-1-1:2015
2021-01 (po) (en) 22 str. (F)
Optični ojačevalniki - Preskusne metode - 1-1. del: Močnostni in ojačevalni parametri - Metoda z analizatorjem optičnega spektra (IEC 61290-1-1:2020)
Optical amplifiers - Test methods - Part 1-1: Power and gain parameters - Optical spectrum analyzer method (IEC 61290-1-1:2020)
Osnova: EN IEC 61290-1-1:2020
ICS: 33.180.30

This part of IEC 61290 applies to all commercially available optical amplifiers (OAs) and optically amplified modules. It applies to OAs using optical fibre amplifiers (OFAs) based on either rare-earth doped fibres or on the Raman effect, semiconductor OAs (SOAs) and planar optical waveguide amplifiers (POWAs).
The object of this document is to establish uniform requirements for accurate and reliable measurements, by means of the optical spectrum analyzer (OSA) test method, of the following OA parameters, as defined in IEC 61291-1:
a) nominal output signal power;
b) gain;
c) polarization-dependent gain (PDG);
d) maximum output signal power;
e) maximum total output power.
In addition, this document provides the test method of:
f) gain ripple (for SOAs).
NOTE All numerical values followed by (‡) are suggested values for which the measurement is assured.
The object of this document is specifically directed to single-channel amplifiers. Test methods for multichannel amplifiers are standardized in IEC 61290-10 (all parts) [1]1.

SIST EN IEC 61753-071-2:2021 SIST EN 61753-071-2:2014
2021-01 (po) (en) 19 str. (E)
Optični spojni elementi in pasivne komponente - Tehnični standard - 071-2. del: Prostorska stikala brez konektorjev, 1 × 2 in 2 × 2, za enorodovna optična vlakna za kategorijo C - Nadzorovana okolja (IEC 61753-071-02:2020)
Fibre optic interconnecting devices and passive components - Performance standard - Part 071-02: Non-connectorized single-mode fibre optic 1 × 2 and 2 × 2 spatial switches for category C - Controlled environments (IEC 61753-071-02:2020)
Osnova: EN IEC 61753-071-02:2020
ICS: 33.180.20

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

SIST/TC NVV Nadzemni vodi in vodniki

SIST EN IEC 61854:2021 SIST EN 61854:1999
2021-01 (po) (en;fr;de) 51 str. (J)
Nadzemni vodi - Zahteve in preskusi za distančnike (IEC 61854:2020)
Overhead lines - Requirements and tests for spacers (IEC 61854:2020)
Osnova: EN IEC 61854:2020
ICS: 29.240.20

This document applies to spacers for conductor bundles of overhead lines. It covers rigid spacers, flexible spacers and spacer dampers.
It does not apply to interphase spacers, hoop spacers and bonding spacers.
NOTE This document is written to cover the line design practices and spacers most commonly used at the time of writing. There may be other spacers available for which the specific tests reported in this document may not be applicable.
In some cases, test procedures and test values are left to agreement between purchaser and supplier and are stated in the procurement contract. The purchaser is best able to evaluate the intended service conditions, which should be the basis for establishing the test severity.
In Annex A, the minimum technical details to be agreed between purchaser and supplier are listed.

SIST EN IEC 61897:2021 SIST EN 61897:1999
2021-01 (po) (en;fr;de) 32 str. (G)
Nadzemni vodi - Zahteve in preskusi za dušilnike vetrnih vibracij (IEC 61897:2020)
Overhead lines - Requirements and tests for Aeolian vibration dampers (IEC 61897:2020)
Osnova: EN IEC 61897:2020
ICS: 29.240.20

This document applies to aeolian vibration dampers intended for single conductors or earth wires or conductor bundles where dampers are directly attached to each subconductor. The purchaser may adopt part(s) of this document when specifying requirements for cables different from those mentioned above (e.g. optical ground wires (OPGW), all dielectric selfsupporting optical cables (ADSS)). In some cases, test procedures and test values are left to agreement between the purchaser and the supplier and are stated in the procurement contract.
Annex A lists the minimum technical details to be agreed between purchaser and supplier.
Throughout this document, the word "conductor" is used when the test applies to dampers for conductors or earth wires.

SIST/TC OGS Ogrevanje, hlajenje in prezračevanje stavb

SIST EN 13141-5:2021 SIST EN 13141-5:2005
2021-01 (po) (en;fr;de) 29 str. (G)
Prezračevanje stavb - Preskušanje lastnosti sestavnih delov/izdelkov za prezračevanje stanovanjskih stavb - 5. del: Prezračevalne kape in strešni iztoki na strehah
Ventilation for buildings - Performance testing of components/products for residential ventilation - Part 5: Cowls, assisted cowls and roof outlet terminal devices
Osnova: EN 13141-5:2020
ICS: 91.140.30

This document specifies methods for measuring the aerodynamic and acoustic characteristics of cowls and roof outlets used in both natural and mechanical ventilation. Only those cowls and roof outlets fitted onto ducts which project above the roof surface are covered by the present standard.
Regarding the assisted cowls, only the fan assisted cowls are covered by the present standard, other types (such as injection assisted cowls) being too recent to be adequately considered for the time being.
The performance testing of the "assistance" provided by the auxiliary fan of an assisted cowl is excluded for the scope of this standard.

SIST EN 17423:2021
2021-01 (po) (en;fr;de) 45 str. (I)
Energijske lastnosti stavb - Določanje in poročanje o faktorjih primarne energije (PEF) in emisijskem koeficientu CO2 - Splošna načela - Modul M1-7
Energy performance of buildings - Determination and reporting of Primary Energy Factors (PEF) and CO2 emission coefficient - General Principles, Module M1-7
Osnova: EN 17423:2020
ICS: 91.120.10, 13.040.01

This document provides a transparent framework for reporting on the choices related to the procedure to determine primary energy factors (PEFs) and CO2 emission coefficients for energy delivered to and exported from the buildings as described in EN ISO 52000-1. This document specifies the choices to be made to calculate the PEF(s) and CO2 emission coefficients related to different energy carriers. PEFs and CO2 emission coefficients for exported energy can be different from those chosen for delivered energy. This document is primarily intended for supporting and complementing EN ISO 52000-1, as the latter requires values for the PEFs and CO2 emission coefficients to complete the EPB calculation. But it can also be used for other applications.
NOTE The CO2 emission coefficients allow calculating greenhouse gas emissions. According to the choices made, the CO2 emission coefficients represent only CO2 emissions or also other greenhouse gases.
Table 1 shows the position (marked by "X") of this document within the modular structure as set out in EN ISO 52000-1.
The modules represent EPB standards, although one EPB standard may cover more than one module and one module may be covered by more than one EPB standard, for instance a simplified and a detailed method respectively.

SIST/TC OVP Osebna varovalna oprema

SIST EN 13819-1:2021 SIST EN 13819-1:2003
2021-01 (po) (en;fr;de) 52 str. (J)
Varovala sluha - Preskušanje - 1. del: Fizikalne preskusne metode
Hearing protectors - Testing - Part 1: Physical test methods
Osnova: EN 13819-1:2020
ICS: 13.340.20

This European Standard EN 13819-1 specifies physical test methods for hearing protectors. The purpose of these tests is to enable assessment of the performance of the hearing protector as specified in the appropriate product standard.

SIST EN 13819-2:2021 SIST EN 13819-2:2003
2021-01 (po) (en;fr;de) 13 str. (D)
Varovala sluha - Preskušanje - 2. del: Akustične preskusne metode
Hearing protectors - Testing - Part 2: Acoustic test methods
Osnova: EN 13819-2:2020
ICS: 13.340.20

This European Standard EN 13819-2 specifies acoustic test methods for hearing protectors. The purpose of these tests is to enable assessment of the performance of the hearing protector as specified in the appropriate product standard.

SIST EN ISO 20349-1:2017/A1:2021
2021-01 (po) (en) 11 str. (C)
Osebna varovalna oprema - Obutev za zaščito pred tveganji v livarnah in pri varjenju - 1. del: Zahteve in preskusne metode za zaščito pred tveganji v livarnah - Dopolnilo A1 (ISO 20349-1:2017/Amd 1:2020)
Personal protective equipment - Footwear protecting against risks in foundries and welding - Part 1: Requirements and test methods for protection against risks in foundries - Amendment 1 (ISO 20349-1:2017/Amd 1:2020)
Osnova: EN ISO 20349-1:2017/A1:2020
ICS: 13.340.50

Dopolnilo A1:2021 je dodatek k standardu SIST EN ISO 20349-1:2017.
Ta dokument določa zahteve in preskusne metode za obutev, ki ščiti uporabnike pred tveganji, kot so tveganja v livarnah.
Obutev, ki je v skladu s tem dokumentom, omogoča tudi drugo zaščito, kot je opredeljeno v standardu ISO 20345.
OPOMBA Gamaše, ki prekrivajo obutev in oblačila, namenjena zaščiti stopal in nog pred staljeno kovino, so obravnavane v standardu ISO 11612.

SIST EN ISO 20349-2:2017/A1:2021
2021-01 (po) (en) 11 str. (C)
Osebna varovalna oprema - Obutev za zaščito pred tveganji v livarnah in pri varjenju - 2. del: Zahteve in preskusne metode za zaščito pred tveganji pri varjenju in sorodnih postopkih - Dopolnilo A1 (ISO 20349-2:2017/Amd 1:2020)
Personal protective equipment - Footwear protecting against risks in foundries and welding - Part 2: Requirements and test methods for protection against risks in welding and allied processes - Amendment 1 (ISO 20349-2:2017/Amd 1:2020)
Osnova: EN ISO 20349-2:2017/A1:2020
ICS: 13.340.50

Dopolnilo A1:2021 je dodatek k standardu SIST EN ISO 20349-2:2017.
Ta mednarodni standard določa zahteve in preskusne metode za obutev, ki varuje uporabnike pred tveganji pri varjenju in sorodn

SIST/TC PCV Polimerne cevi, fitingi in ventili

SIST EN 1329-1:2021 SIST EN 1329-1:2014+A1:2018
2021-01 (po) (en;fr;de) 46 str. (I)
Cevni sistemi iz polimernih materialov za nizko- in visokotemperaturne odvodne sisteme v zgradbah - Nemehčan polivinilklorid (PVC-U) - 1. del: Zahteve za cevi, fitinge in sistem
Plastics piping systems for soil and waste discharge (low and high temperature) within the building structure - Unplasticized poly(vinyl chloride) (PVC-U) - Part 1: Specifications for pipes, fittings and the system
Osnova: EN 1329-1:2020
ICS: 91.140.80, 23.040.20

This document specifies the requirements for solid wall pipes with smooth internal and external surfaces, extruded from the same formulation throughout the wall, fittings and the system of

unplasticized poly(vinyl chloride) (PVC-U) piping systems intended for soil and waste discharge applications (low and high temperature):
- inside buildings (application area code "B");
- for both inside buildings and buried in ground within the building structure (application area code "BD").
NOTE 1 The intended use is reflected in the marking of products by "B" or "BD".
NOTE 2 Multilayer pipes with different formulations throughout the wall and foamed core pipes are covered by EN 1453-1 [1].
NOTE 3 For use buried in ground within the building structure are intended only those components (marked with "BD") with nominal outside diameters equal to or greater than 75 mm.
NOTE 4 EN 476 [2] specifies the general requirements for components used in discharge pipes, drains and sewers for gravity systems. Pipes and fittings conforming to this standard fully meet these requirements.
This document is also applicable to PVC-U pipes, fittings and the system intended for the following purposes:
- ventilating part of the pipework in association with discharge applications;
- rainwater pipework within the building structure.
This document also specifies the test parameters for the test method that are referred to.
This document covers a range of nominal sizes, a range of pipes and fittings series and gives recommendations concerning colours.
NOTE 5 It is the responsibility of the purchaser or specifier to make the appropriate selections from these aspects, taking into account their particular requirements and any relevant national regulations and installation practices or codes.
For external above ground application additional requirements depending on the climate should be agreed between the manufacturer and the user.
NOTE 6 Pipes, fittings and other components conforming to any of the plastics product standards listed in Annex B can be used with pipes and fittings conforming to this document, provided they conform to the requirements for joint dimensions given in Clause 6 and to the requirements of Table 25.

SIST EN ISO 15494:2018/A1:2021
2021-01 (po) (en) 8 str. (B)
Cevni sistemi iz polimernih materialov za uporabo v industriji - Polibuten (PB), polietilen (PE), polietilen s povišano temperaturno odpornostjo (PE-RT), zamreženi polietilen (PE-X), polipropilen (PP) - Metrične serije za zahteve za dele cevovoda in cevni sistem - Dopolnilo A1 (ISO 15494:2015/Amd 1:2020)
Plastics piping systems for industrial applications - Polybutene (PB), polyethylene (PE), polyethylene of raised temperature resistance (PE-RT), crosslinked polyethylene (PE-X), polypropylene (PP) - Metric series for specifications for components and the system - Amendment 1 (ISO 15494:2015/Amd 1:2020)
Osnova: EN ISO 15494:2018/A1:2020
ICS: 23.040.01

Dopolnilo A1:2021 je dodatek k standardu SIST EN ISO 15494:2018.
Standard ISO 15494:2015 določa karakteristike in zahteve za dele cevovoda, kot so cevi, fitingi in ventili iz naslednjih materialov, ki so namenjeni uporabi za plastomerne cevne sisteme za nadzemno in podzemno uporabo v industriji:
– polibuten (PB);
– polietilen (PE);
– polietilen s povišano temperaturno odpornostjo (PE-RT);
– zamreženi polietilen (PE-X);
– polipropilen (PP).
OPOMBA 1: Zahteve za industrijske ventile so podane v tem mednarodnem standardu in/ali v drugih standardih. Ventili se uporabljajo z deli, ki ustrezajo temu mednarodnemu standardu, v kolikor ustrezajo tudi relevantnim zahtevam tega mednarodnega standarda.
Ta mednarodni standard se uporablja za cevi, fitinge in ventile iz polibutena, polietilena, polietilena s povišano temperaturno odpornostjo, zamreženega polietilena ali polipropilena ter njihove spoje ali spoje z deli iz drugih polimernih in nepolimernih materialov, odvisno od

ustreznosti, ki so namenjeni za prevajanje tekočine in plinastih tekočin ter trdne snovi v tekočinah za uporabo v industriji, kar vključuje:
– kemične tovarne;
– industrijsko kanalizacijsko inženirstvo;
– energetsko inženirstvo (voda za hlajenje in splošne namene);
– rudarstvo;
– obrate za galvaniziranje in luženje;
– polprevodniško industrijo;
– kmetijske proizvodne obrate;
– gasilsko industrijo;
– obrate za čiščenje vode;
– geotermalno industrijo.
OPOMBA 2: Kjer je primerno, se uporabljajo nacionalni predpisi (npr. obrati za čiščenje vode).
Druga področja uporabe so dopustna, če so izpolnjene zahteve tega mednarodnega standarda in/ali ustrezne nacionalne zahteve.
Uporabljajo se nacionalni predpisi v povezavi s tveganjem pri obnašanju ognja in eksplozijah.
Deli cevovoda morajo prenesti pričakovane mehanske, toplotne in kemijske zahteve ter biti odporni proti tekočinam, ki se bodo prevajale.

SIST-TS CEN ISO/TS 23818-1:2021
2021-01 (po) (en;fr;de) 54 str. (J)
Ugotavljanje skladnosti cevnih sistemov iz polimernih materialov za obnovo obstoječih cevovodov - 1. del: Polietilen (PE) (ISO/TS 23818-1:2020)
Assessment of conformity of plastics piping systems for the rehabilitation of existing pipelines - Part 1: Polyethylene (PE) material (ISO/TS 23818-1:2020)
Osnova: CEN ISO/TS 23818-1:2020
ICS: 83.140.40, 23.040.20

This document provides a scheme for the assessment of conformity of PE products and assemblies for the rehabilitation of existing pipelines, in accordance with the applicable parts of ISO 11296, ISO 11297, ISO 11298, ISO 11299 and ISO 21225, and intended to be included in the manufacturer's quality plan as part of the quality management system and for the establishment of certification procedures.
NOTE In order to help the reader, summary tables of overall scheme requirements are provided in Annex E.

SIST/TC PVS Fotonapetostni sistemi

SIST EN 62788-1-4:2017/A1:2021
2021-01 (po) (en) 9 str. (C)
Merilni postopki za materiale, uporabljene v fotonapetostnih modulih - 1-4. del: Enkapsulanti - Meritev optične prosojnosti in izračun solarno uteženе prosojnosti, indeks porumenelosti in ultravijolične mejne frekvence - Dopolnilo A1
Measurement procedures for materials used in photovoltaic modules - Part 1-4: Encapsulants - Measurement of optical transmittance and calculation of the solar-weighted photon transmittance, yellowness index, and UV cut-off wavelength
Osnova: EN 62788-1-4:2016/A1:2020
ICS: 17.180.99, 27.160

Dopolnilo A1:2021 je dodatek k standardu SIST EN 62788-1-4:2017.
Ta del standarda IEC 62788 določa metodo za merjenje optične prosojnosti materialov za enkapsulacijo, ki se uporabljajo za fotonapetostne (PV) module. Standardizirane meritve v tem postopku količinsko opredeljujejo pričakovano prosojnost enkapsulacije na fotonapetostni celici.
Posledični izračun solarno uteženе prosojnosti omogoča medsebojno primerjavo različnih materialov. Rezultati za materiale, ki niso bili izpostavljeni vremenskim vplivom, se lahko

uporabljajo za tehnične liste proizvajalca za enkapsulacijo, za razvoj procesov ali materiala proizvajalca, za nadzor kakovosti proizvodnje (sprejemljivost materiala) ali za analizo učinkovitosti modula.
To merilno metodo je mogoče uporabljati tudi za nadzor učinkovitosti materialov za enkapsulacijo po izpostavljenosti vremenskim vplivom, na podlagi česar se poda ocena trajnosti. Namen standardiziranih meritev je preverjanje notranjega območja fotonapetostnega modula, npr. brez učinkov difuzije kisika okoli robov celic. Posledični izračun indeksa porumenelosti omogoča količinsko opredelitev trajnosti in upoštevanje videza. Spremembo prosojnosti, indeksa porumenelosti in ultravijolične (UV) mejne valovne dolžine lahko uporabljajo proizvajalci enkapsulacije ali modulov za primerjavo trajnosti različnih materialov.

SIST EN IEC 60904-1:2021 SIST EN 60904-1:2007
2021-01 (po) (en) 37 str. (H)
Fotonapetostne naprave - 1. del: Merjenje fotonapetostnih tokovno napetostnih karakteristik
Photovoltaic devices - Part 1: Measurement of photovoltaic current-voltage characteristics
Osnova: EN IEC 60904-1:2020
ICS: 27.160

This part of IEC 60904 describes procedures for the measurement of current-voltage characteristics (*I-V* curves) of photovoltaic (PV) devices in natural or simulated sunlight. These procedures are applicable to a single PV solar cell, a sub-assembly of PV solar cells, or a PV module. They are applicable to single-junction mono-facial PV devices. For other device types, reference is made to the respective documents, in particular for multi-junction devices to IEC 60904-1-1 and for bifacial devices to IEC TS 60904-1-2. Additionally informative annexes are provided concerning area measurement of PV devices (Annex A), PV devices with capacitance (Annex B), measurement of dark current-voltage characteristics (dark *I-V* curves) (Annex C) and effects of spatial non-uniformity of irradiance (Annex D).
NOTE The methods provided in this document can also be used as guidance for taking *I-V* curves of PV arrays. For on-site measurement refer to IEC 61829.
This document is applicable to non-concentrating PV devices for use in terrestrial environments, with reference to (usually but not exclusively) the global reference spectral irradiance AM1.5 defined in IEC 60904-3. It may also be applicable to PV devices for use under concentratedrradiation if the application uses direct sunlight and reference is instead made to the direct reference spectral irradiance AM1.5d in IEC 60904-3. The purposes of this document are to lay down basic requirements for the measurement of *I-V* curves of PV devices, to define procedures for different measuring techniques in use and to show practices for minimising measurement uncertainty. It is applicable to the measurement of *I-V* curves in general. *I-V* measurements can have various purposes, such as calibration (i.e. traceable measurement with stated uncertainty, usually performed at standard test conditions) of a PV device under test against a reference device, performance measurement under various conditions (e.g. for device temperature and irradiance) such as those required by IEC 60891 (for determination of temperature coefficients or internal series resistance), by IEC 61853-1 (power rating of PV devices) or by IEC 60904-10 (for determination of output's linear dependence and linearity with respect to a particular test parameter). *I-V* measurements are also important in industrial environments such as PV module production facilities, and for testing in the field. Further guidance on *I-V* measurements in production facilities is provided in IEC TR 60904-14. The actual requirements depend on the end-use. Other standards referring to IEC 60904-1 can stipulate specific requirements. Where those requirements are in conflict with this document, the specific requirements take precedence.

SIST EN IEC 60904-10:2021 SIST EN 60904-10:2011
2021-01 (po) (en) 31 str. (G)
Fotonapetostne naprave - 10. del: Metode merjenja linearne odvisnosti in linearnosti
Photovoltaic devices - Part 10: Methods of linear dependence and linearity measurements
Osnova: EN IEC 60904-10:2020
ICS: 27.160

This part of IEC 60904 describes the procedures used to measure the dependence of any electrical parameter (*Y*) of a photovoltaic (PV) device with respect to a test parameter (*X*) and to determine the degree at which this dependence is close to an ideal linear (straight-line) function. It also gives guidance on how to consider deviations from the ideal linear dependence and in general on how to deal with non-linearities of PV device electrical parameters. Typical device parameters are the short-circuit current *I*SC, the open-circuit voltage *V*OC and the maximum power *P*max. Typical test parameters are the temperature *T* and the irradiance *G*. However, the same principles described in this document can be applied to any other test parameter with proper adjustment of the procedure used to vary the parameter itself.

Performance evaluations of PV modules and systems, as well as performance translations from one set of temperature and irradiance to another, frequently rely on the use of linear equations (see for example IEC 60891, IEC 61853-1, IEC 61829 and IEC 61724-1). This document lays down the requirements for linear dependence test methods, data analysis and acceptance limits of results to ensure that these linear equations will give satisfactory results. Such requirements prescribe also the range of the temperature and irradiance over which the linear equations may be used. This document gives also a procedure on how to correct for deviations of the short-circuit current *I*SC from the ideal linear dependence on irradiance (linearity) for PV devices, regardless of whether they are classified linear or non-linear according to the limits set in 9.7. The impact of spectral irradiance distribution and spectral mismatch is considered for measurements using solar simulators as well as under natural sunlight.

The measurement methods described herein apply to all PV devices, with some caution to be used for multi-junction PV devices, and are intended to be carried out on a device, or in some cases on an equivalent device of identical technology, that is stable according to the criteria set in the relevant part of IEC 61215. These measurements are meant to be performed prior to all measurements and correction procedures that require a linear device or that prescribe restrictions for non-linear devices.

The main methodology used in this document is based on a fitting procedure in which a linear (straight-line) function is fitted to a set of measured data points {*X*i,*Y*i}. The linear function uses a least-squares fit calculation routine, which in the most advanced analysis also accounts for the expanded combined uncertainty (k=2) of the measurements. The linear function crosses the origin in the case of short-circuit current data versus irradiance. The deviation of the measured data from the ideal linear function is also calculated and limits are prescribed for the permissible percentage deviation.

Procedures to determine the deviation of the *Y*(*X*) dependence from the linear (straight-line) function are described in Clause 6 (measurements under natural sunlight and with solar simulator), Clause 7 (differential spectral responsivity measurements) and Clause 8 (measurements via two-lamp and N-lamp method). Data analyses to determine the deviations from the linear function are given in Clause 9.

A device is considered linear for the specific measured dependence *Y*(*X*), when it meets the requirements of 9.7.

SIST EN IEC 60904-9:2021 SIST EN 60904-9:2008
2021-01 (po) (en) 32 str. (G)
Fotonapetostne naprave - 9. del: Klasifikacija lastnosti sončnega simulatorja
Photovoltaic devices - Part 9: Classification of solar simulator characteristics
Osnova: EN IEC 60904-9:2020
ICS: 27.160

IEC standards for photovoltaic devices require the use of specific classes of solar simulators deemed appropriate for specific tests. Solar simulators can be either used for performance measurements of PV devices or endurance irradiation tests. This part of IEC 60904 provides the definitions of and means for determining simulator classifications at the required irradiance levels used for electrical stabilization and characterisation of PV devices. This document is applicable for solar simulators used in PV test and calibration laboratories and in manufacturing lines of solar cells and PV modules. The A+ category is primarily intended for calibration laboratories and is not considered necessary for power measurements in PV manufacturing and in

qualification testing. Class A+ has been introduced because it allows for reduction in the uncertainty of secondary reference device calibration, which is usually performed in a calibration laboratory. Measurement uncertainty in PV production lines will directly benefit from a lower uncertainty of calibration, because production line measurements are performed using secondary reference devices. In the case of PV performance measurements, using a solar simulator of a particular class does not eliminate the need to quantify the influence of the simulator on the measurement by making spectral mismatch corrections and analysing the influences of spatial non-uniformity of irradiance in the test plane and temporal stability of irradiance on that measurement. Test reports for PV devices tested with the simulator report the class of simulator used for the measurement and the method used to quantify the simulator's effect on the results. The purpose of this document is to define classifications of solar simulators for use in indoor measurements of terrestrial photovoltaic devices. Solar simulators are classified as A+, A, B or C based on criteria of spectral distribution match, irradiance non-uniformity in the test plane and temporal instability of irradiance. This document provides the required methodologies for determining the classification of solar simulators in each of the categories. A solar simulator which does not meet the minimum requirements of class C cannot be classified according to this document.

For spectral match classification a new procedure has been added. This procedure addresses the actual need for an extended wavelength range, which is arising from advances in solar cell technology (such as increased spectral responsivity below 400 nm) as well as solar simulator technology (use of component LEDs). The procedure of the second edition of this standard is still valid, but is only applied if backward compatibility of classification for solar simulators already in use and for solar simulators in production/sale is required. This document is referred to by other IEC standards, in which class requirements are laid down for the use of solar simulators. The solar simulator characteristics described in this document are not used in isolation to imply any level of measurement confidence or measurement uncertainty for a solar simulator application (for example, PV module power measurement).

Measurement uncertainties in each application depend on many factors, several of which are outside the scope of this document:

- **Characteristics of the solar simulator, possibly including characteristics not covered by this document;**
- **Methods used to calibrate and operate the solar simulator;**
- **Characteristics of the device(s) under test (for example, size and spectral responsivity);**
- **Quantities measured from the device(s) under test, including equipment and methods used for measurement;**
- **Possible corrections applied to measured quantities.**

When applications require a certain solar simulator characteristic, it is preferable to specify a numerical value rather than a letter classification (for example, "≤ 5 % non-uniformity of irradiance" rather than "C

SIST/TC SPO Šport

SIST EN 13451-1:2021 SIST EN 13451-1:2011+A1:2017
2021-01 (po) (en;fr;de) 38 str. (H)

Oprema za plavalne bazene - 1. del: Splošne varnostne zahteve in preskusne metode za opremo, vgrajeno v javne plavalne bazene

Swimming pool equipment - Part 1: General safety requirements and test methods for equipment installed in pools for public use

Osnova: EN 13451-1:2020
ICS: 97.220.10

This European Standard specifies general safety requirements and test methods for equipment used in classified swimming pools as specified in EN 15288-1 and EN 15288-2.Where specific standards exist, this general standard should not be used alone.

Special care is required in applying this general standard alone to equipment for which no product specific standard has yet been published.

SIST/TC STZ Zaščita pred delovanjem strele

SIST EN IEC 62793:2021 SIST EN IEC 62793:2018
2021-01 (po) (en) 46 str. (I)
Zaščita pred delovanjem strele - Sistemi za opozarjanje pred nevihtami
Protection against lightning - Thunderstorm warning systems
Osnova: EN IEC 62793:2020
ICS: 91.120.40

This document describes the characteristics of thunderstorm warning systems (TWSs) in order to implement lightning hazard preventive measures.
Single sensors and/or a network of sensors (e.g. lightning location system) can be used as a TWS. This document provides requirements for sensors and networks collecting accurate data of the relevant parameters, giving real-time information on lightning and atmospheric electric activity. It describes the application of the data collected by these sensors and networks in the form of warnings and historical data.
This document includes:
• a general description of available techniques for TWSs;
• guidelines for alarming methods;
• informative examples of possible preventive actions.
The following aspects are outside the scope of this document:
a) lightning protection systems: such systems are covered by IEC 62305 (all parts) [1]1;
b) other thunderstorm related phenomena such as rain, hail, wind;
c) satellite and radar based thunderstorm detection techniques;
d) portable devices (a device where the sensor is not fixed).
NOTE It is possible that calibration and testing of portable devices will not be sufficient to provide fficient warning.

SIST/TC TOP Toplota

SIST EN 16977:2021
2021-01 (po) (en;fr;de) 34 str. (H)
Toplotnoizolacijski proizvodi za stavbe - Industrijsko izdelani proizvodi iz kalcijevih silikatov (CS) - Specifikacija
Thermal insulation products for buildings - Factory made calcium silicate (CS) products - Specification
Osnova: EN 16977:2020
ICS: 91.100.60

This draft European Standard specifies the requirements for factory made calcium silicate products with or without lamination or coating which are used for the thermal insulation of buildings.
Calcium silicate products have also the capability to regulate air moisture in building rooms, which means to absorb moisture from the air and opposite to give the moisture back to the room due to the capillarity of the product.
Calcium silicate insulation material comprising hydrated calcium silicate, normally reinforced by incorporated fibres. The main crystal phases are Xonotlite, Tobermorite with or without Wollastonite.
The products are manufactured in the form of boards, segments and prefabricated ware.
This draft European Standard describes product characteristics and includes procedures for testing, evaluation of conformity, marking and labelling.
This draft European Standard does not specify the required level or class of a given property that shall be achieved by a product to demonstrate fitness for purpose in a particular application. The levels required for a given application can be found in regulations and invitations to tender.
This draft European Standard is not valid for products with declared thermal resistance lower than 0,13 m2 K/W or a declared thermal conductivity greater than 0,075 W/(mK) at 10 °C.

This draft European Standard does not cover aerated concrete, autoclaved aerated concrete, mineral foam insulating products and sand-lime bricks as well as in situ insulation products and products intended to be used for the insulation of the building equipment and industrial installations.

SIST EN 17140:2021
2021-01 (po) (en;fr;de) 63 str. (K)
Toplotnoizolacijski proizvodi za stavbe - Industrijsko izdelani vakuumski izolacijski paneli (VIP) - Specifikacija
Thermal insulation products for buildings - Factory made Vacuum Insulation Panels (VIP) - Specification
Osnova: EN 17140:2020
ICS: 91.100.60

This draft European Standard specifies the requirements for factory made calcium silicate products with or without lamination or coating which are used for the thermal insulation of buildings.
Calcium silicate products have also the capability to regulate air moisture in building rooms, which means to absorb moisture from the air and opposite to give the moisture back to the room due to the capillarity of the product.
Calcium silicate insulation material comprising hydrated calcium silicate, normally reinforced by incorporated fibres. The main crystal phases are Xonotlite, Tobermorite with or without Wollastonite.
The products are manufactured in the form of boards, segments and prefabricated ware.
This draft European Standard describes product characteristics and includes procedures for testing, evaluation of conformity, marking and labelling.
This draft European Standard does not specify the required level or class of a given property that shall be achieved by a product to demonstrate fitness for purpose in a particular application. The levels required for a given application can be found in regulations and invitations to tender.
This draft European Standard is not valid for products with declared thermal resistance lower than 0,13 m2 K/W or a declared thermal conductivity greater than 0,075 W/(mK) at 10 °C.
This draft European Standard does not cover aerated concrete, autoclaved aerated concrete, mineral foam insulating products and sand-lime bricks as well as in situ insulation products and products intended to be used for the insulation of the building equipment and industrial installations.

SIST/TC VAZ Varovanje zdravja

SIST EN ISO 11553-1:2020/A11:2021
2021-01 (po) (en;fr;de) 4 str. (A)
Varnost strojev - Laserski obdelovalni stroji - 1. del: Varnostne zahteve za laser (ISO 11553-1:2020)
Safety of machinery - Laser processing machines - Part 1: Laser safety requirements (ISO 11553-1:2020)
Osnova: EN ISO 11553-1:2020/A11:2020
ICS: 31.260, 13.110

Dopolnilo A11:2021 je dodatek k standardu SIST EN ISO 11553-1:2020.
EN-ISO 11553-1 describes laser radiation hazards arising in laser processing machines, as defined in 3.7. It also specifies the safety requirements relating to laser radiation hazards, as well as the information to be supplied by the manufacturers of such equipment (in addition to that prescribed by IEC 60825).Requirements dealing with noise as a hazard from laser processing machines are included in ISO 11553-3:2013.This document is applicable to machines using laser radiation to process materials.It is not applicable to laser products, or equipment containing such products, which are manufactured solely and expressly for the following applications:- photolithography;- stereolithography;- holography;- medical applications (per IEC 60601-2-22);- data storage.

SIST EN ISO 15004-1:2021 SIST EN ISO 15004-1:2009
2021-01 (po) (en) 14 str. (D)
Oftalmični instrumenti - Temeljne zahteve in preskusne metode - 1. del: Splošne zahteve, uporabne za vse oftalmične instrumente (ISO 15004-1:2020)
Ophthalmic instruments - Fundamental requirements and test methods - Part 1: General requirements applicable to all ophthalmic instruments (ISO 15004-1:2020)
Osnova: EN ISO 15004-1:2020
ICS: 11.040.70

This document specifies fundamental requirements for non-invasive, active and non-active ophthalmic instruments and to devices for enhancing low vision. This document is also applicable to tonometers,
but not to other ophthalmic instruments which are used in contact with the globe of the eye.
This document is not applicable to operation microscopes, endoscopes and devices intended for laser investigation or laser treatment of the eye.

SIST EN ISO 20888:2021
2021-01 (po) (en) 63 str. (K)
Zobozdravstvo - Slovar in sistem označevanja forenzičnih ortodentalnih podatkov (ISO 20888:2020)
Dentistry - Vocabulary and designation system for forensic oro-dental data (ISO 20888:2020)
Osnova: EN ISO 20888:2020
ICS: 01.040.11, 07.140, 11.060.01

The purpose of this standard is to develop uniform nomenclature for the description of forensic dental data and define a standardized set of uniform terms to convey this information. The goal of the standard is not to define the extent of information collected, only to be certain that common terms are used in order to aid in an identifying human remains or a living amnesiac.

SIST EN ISO 80601-2-67:2021 SIST EN ISO 18779:2005
2021-01 (po) (en) 67 str. (K)
Medicinska električna oprema - 2-67. del: Posebne zahteve za osnovno varnost in bistvene lastnosti opreme za shranjevanje kisika (ISO 80601-2-67:2020)
Medical electrical equipment - Part 2-67: Particular requirements for basic safety and essential performance of oxygen-conserving equipment (ISO 80601-2-67:2020)
Osnova: EN ISO 80601-2-67:2020
ICS: 11.040.10

This particular standard is applicable to the basic safety and essential performance of oxygen conserving equipment, hereafter referred to as me equipment, in combination with its accessories intended to conserve supplemental oxygen by delivering gas intermittently and synchronized with the patient's inspiratory cycle, when used in the home healthcare environment. Oxygen conserving equipment is typically used by a lay operator.
This particular standard is also applicable to those accessories intended by their manufacturer to be connected to conserving equipment, where the characteristics of those accessories can affect the basic safety or essential performance of the conserving equipment.
This particular standard is only applicable to active devices (e.g. Pneumatically or electrically powered) and is not applicable to non-active devices (e.g. Reservoir cannulas).

SIST EN ISO 80601-2-69:2021 SIST EN ISO 80601-2-69:2014
2021-01 (po) (en) 73 str. (L)
Medicinska električna oprema - 2-69. del: Posebne zahteve za osnovno varnost in bistvene lastnosti naprav za koncentriranje kisika (ISO 80601-2-69:2020)
Medical electrical equipment - Part 2-69: Particular requirements for the basic safety and essential performance of oxygen concentrator equipment (ISO 80601-2-69:2020)
Osnova: EN ISO 80601-2-69:2020
ICS: 11.040.10

This document specifies requirements for the basic safety and essential performance of an oxygen concentrator in combination with its accessories, hereafter referred to as ME equipment, intended to increase the oxygen concentration of gas intended to be delivered to a single patient. Such oxygen concentrators are typically intended for use in the home healthcare environment by a single patient in various environments including any private and public transportation as well as in commercial aircraft.
NOTE 1 Such oxygen concentrators can also be used in professional healthcare facilities.
This document is applicable to a transit-operable and non-transit-operable oxygen concentrator. This document is applicable to an oxygen concentrator integrated into or used with other medical devices, ME equipment or ME systems.
EXAMPLE 1 An oxygen concentrator with integrated oxygen conserving equipment function or humidifier function.
EXAMPLE 2 An oxygen concentrator used with a flowmeter stand.
EXAMPLE 3 An oxygen concentrator as part of an anaesthetic system for use in areas with limited logistical supplies of electricity and anaesthetic gases[2].
EXAMPLE 4 An oxygen concentrator with an integrated liquid reservoir function or gas cylinder filling system function.
This document is also applicable to those accessories intended by their manufacturer to be connected to an oxygen concentrator, where the characteristics of those accessories can affect the basic safety or essential performance of the oxygen concentrator.
NOTE 2 Such accessories can include, but are not limited to, masks, cannulae, extension tubing, humidifiers, carts, carrying cases, external power sources and oxygen conserving equipment.
This document does not specify requirements for oxygen concentrators for use with a medical gas pipeline system.
If a clause or subclause is specifically intended to be applicable to ME equipment only, or to ME systems only, the title and content of that clause or subclause will say so. If that is not the case, the clause or subclause applies both to ME equipment and to ME systems, as relevant.
Hazards inherent in the intended physiological function of ME equipment or ME systems within the scope of this document are not covered by specific requirements in this document except in 7.2.13 and 8.4.1 of the general standard.
NOTE 3 See also 4.2 of the general standard.

SIST EN ISO 80601-2-70:2021 SIST EN ISO 17510-1:2009
2021-01 (po) (en) 79 str. (L)
Medicinska električna oprema - 2-70. del: Posebne zahteve za osnovno varnost in bistvene lastnosti opreme za zdravljenje prenehanja dihanja v spanju (ISO 80601-2-70:2020)
Medical electrical equipment - Part 2-70: Particular requirements for the basic safety and essential performance of sleep apnoea breathing therapy equipment (ISO 80601-2-70:2020)
Osnova: EN ISO 80601-2-70:2020
ICS: 11.040.10

This particular standard is applicable to the basic safety and essential performance of sleep apnoea breathing therapy equipment, hereafter referred to as ME equipment, intended to alleviate the symptoms of patients who suffer from obstructive sleep apnoea by delivering a therapeutic breathing pressure to the patient. Sleep apnoea breathing therapy equipment is intended for use in the home healthcare environment by lay operators as well as in professional healthcare institutions.

This particular standard excludes sleep apnoea breathing therapy equipment intended for use with neonates.

This particular standard is applicable to me equipment or an ME system intended for those patients who are not dependent on mechanical ventilation such as patients with central sleep apnoea.

This particular standard is also applicable to those accessories intended by their manufacturer to be connected to sleep apnoea breathing therapy equipment, where the characteristics of those accessories can affect the basic safety or essential performance of the sleep apnoea breathing therapy equipment.

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

SIST EN 60335-2-5:2015/A1:2021
2021-01 (po) (en) 9 str. (C)
Gospodinjski in podobni električni aparati - Varnost - 2-5. del: Posebne zahteve za pomivalne stroje - Dopolnilo A1
Household and similar electrical appliances - Safety - Part 2-5: Particular requirements for dishwashers
Osnova: EN 60335-2-5:2015/A1:2020
ICS: 13.120, 97.040.40

Dopolnilo A1:2021 je dodatek k standardu SIST EN 60335-2-5:2015.
Besedilo se zamenja z naslednjim:
To točko 1. dela nadomešča naslednje besedilo. Ta evropski standard obravnava varnost električnih pomivalnih strojev za gospodinjske in podobne namene, kot so pranje in spiranje posode, jedilnega pribora ter drugih pripomočkov, katerih nazivna napetost ne presega 250 V za enofazne aparate in 480 V za druge aparate. Področje uporabe tega evropskega standarda zajema aparate, ki so namenjeni za laično uporabo v trgovinah in drugih objektih za običajne gospodinjske namene.
OPOMBA Z101: Primeri aparatov za uporabo v gospodinjstvu so aparati za običajne gospodinjske funkcije, ki se uporabljajo v gospodinjstvu in jih lahko uporabljajo tudi neprofesionalni uporabniki za opravljanje običajnih gospodinjskih funkcij:
– v trgovinah in drugih podobnih delovnih okoljih;
– na kmetijah;
– s strani strank v hotelih, motelih in drugih stanovanjskih okoljih;
– v gostiščih.
OPOMBA Z102: Gospodinjstva vključujejo stanovanjske in povezane zgradbe, vrt itd. Ta evropski standard v največji možni meri obravnava splošne nevarnosti, ki jih predstavljajo aparati ter s katerimi se srečujejo osebe doma in v podobnih okoljih. Vendar na splošno ne vključuje primerov:
– otrok, ki se z napravo igrajo,
– zelo majhnih otrok, ki uporabljajo aparate,
– majhnih otrok, ki aparate uporabljajo brez nadzora,
– uporabniškega vzdrževanja, vključno s čiščenjem aparata, ki ga izvajajo otroci.
Ugotovljeno je, da imajo lahko zelo ranljive osebe potrebe, ki presegajo raven, obravnavano v tem evropskem standardu. Ta evropski standard se ne uporablja za:
– komercialne električne pomivalne stroje (EN 60335-2-58),
– aparate za izključno industrijske namene,
– aparate, ki so namenjeni za uporabo na lokacijah, kjer veljajo posebne razmere, kot je prisotnost korozivne ali eksplozivne atmosfere (prah, hlapi ali plin).
OPOMBA Z103: Upoštevati je treba tudi, da:
– so za aparate, ki so namenjeni za uporabo v vozilih ali na krovu ladij ali letal, morda potrebne dodatne zahteve;
– v številnih državah nacionalni zdravstveni organi, nacionalni organi, odgovorni za varstvo pri delu, nacionalni organi za oskrbo z vodo ter drugi podobni organi določajo dodatne zahteve.

SIST EN IEC 60335-2-43:2021 SIST EN 60335-2-43:2003
SIST EN 60335-2-43:2003/A1:2007
SIST EN 60335-2-43:2003/A2:2009

2021-01 (po) (en) 18 str. (E)

Gospodinjski in podobni električni aparati - Varnost - 2-43. del: Posebne zahteve za sušilnike oblačil in brisač

Household and similar electrical appliances - Safety - Part 2-43: Particular clothes dryers and towel rails

Osnova: EN IEC 60335-2-43:2020
ICS: 97.060, 13.120

This European Standard deals with the safety of electric clothes dryers for drying textiles on racks located in a warm airflow, clothes dryers intended for drying footwear or gloves and to electric towel rails, for household and similar purposes, their rated voltage being not more than 250 V.

SIST EN IEC 60335-2-43:2021/A11:2021

2021-01 (po) (en,fr) 5 str. (B)

Gospodinjski in podobni električni aparati - Varnost - 2-43. del: Posebne zahteve za sušilnike oblačil in brisač - Dopolnilo A11

Household and similar electrical appliances - Safety - Part 2-43: Particular clothes dryers and towel rails

Osnova: EN IEC 60335-2-43:2020/A11:2020
ICS: 97.060, 13.120

Dopolnilo A11:2021 je dodatek k standardu SIST EN IEC 60335-2-43:2021.

This European Standard deals with the safety of electric clothes dryers for drying textiles on racks located in a warm airflow, clothes dryers intended for drying footwear or gloves and to electric towel rails, for household and similar purposes, their rated voltage being not more than 250 V.

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

SIST EN IEC 62566-2:2021

2021-01 (po) (en) 61 str. (K)

Jedrske elektrarne - Merilna in nadzorna oprema za zagotavljanje varnosti - Razvoj HDL-programiranih integriranih vezij - 2. del: HDL-programirana integrirana vezja za sisteme, ki izvajajo funkcije kategorije B ali C (IEC 62566-2:2020)

Nuclear power plants - Instrumentation and control systems important to safety - Development of HDL-programmed integrated circuits - Part 2: HDL-programmed integrated circuits for systems performing category B or C functions (IEC 62566-2:2020)

Osnova: EN IEC 62566-2:2020
ICS: 31.200, 27.120.20

This part of IEC 62566 provides requirements for achieving highly reliable HDL-Programmed Devices (HPDs), for use in I&C systems of nuclear power plants performing functions of safety category B or C as defined by IEC 61226.

The programming of HPDs relies on Hardware Description Languages (HDL) and related software tools. They are typically based on blank Field Programmable Gate Arrays (FPGAs) or similar micro-electronic technologies such as Programmable Logic Devices (PLD), Complex Programmable Logic Devices (CPLDs), etc. General purpose integrated circuits such as microprocessors are not HPDs. Annex B.8 provides descriptions of a number of different types
of integrated circuits.

This document provides requirements on:

a) a dedicated HPD life-cycle addressing each phase of the development of HPDs, including specification of requirements, design, implementation, integration and validation, as well as

verification activities associated with each phase, b) planning and complementary activities such as modification and production,
c) selection of pre-developed components. This includes micro-electronic technologies and Pre-Developed Blocks (PDBs),
d) tools used to design, implement and verify HPDs.
This document does not put requirements on the development of the micro-electronic technologies, which are usually available as "commercial off-the-shelf" items and are not developed under nuclear quality assurance standards. It addresses the developments made with these micro-electronic technologies in an I&C project with HDLs and related tools.
This document provides guidance to avoid as far as possible latent faults remaining in HPDs, and to reduce the susceptibility to single failures as well as to potential Common Cause Failures (CCFs).
Reliability aspects related to environmental qualification and failures due to ageing or physical degradation are not handled in this document. Other standards, especially IEC 60987, IEC/IEEE 60780-323 and IEC 62342, address these topics.
This document does not cover cybersecurity for HDL aspects of I&C systems. IEC 62645 provides requirements for security programmes for I&C programmable digital systems.
This document provides guidance and requirements to produce verifiable HPD designs and implementations requiring justification due for their role in carrying out category B or C safety functions. This document describes the activities to develop HPDs, organized in the framework of a dedicated life-cycle. It also describes activities and guidelines to be used in addition to the requirements of IEC 61226 for system classification and IEC 61513 for system integration and validation when HPDs are included.

SIST EN 17419-1:2021
2021-01 (po) (en;fr;de) 65 str. (K)
Digitalna izmenjava informacij v zavarovalniški dejavnosti - Prenos elektronskih dokumentov - 1. del: Procesni in podatkovni model
Digital Information Interchange in the Insurance Industry - Transfer of electronic documents - Part 1: Process and Data Model
Osnova: EN 17419-1:2020
ICS: 35.240.20, 03.060

The standard defines the transfer of electronic documents (for example insurance policy, claim notification industry (for example between insurer and intermediary).
The standard specifies:
• the semantic process for the transfer of documents (for example insurance policy, claim notification, confirmation) and
• a limited number of meta data describing the document (for example type of document, identification of insurer, intermediary and client, policy number, claim number).

SIST EN 50699:2021
2021-01 (po) (en) 35 str. (H)
Ponavljalni preskus električne opreme
Recurrent Test of Electrical Equipment
Osnova: EN 50699:2020
ICS: 29.020

This document specifies the requirements of the test procedures to be applied for recurrent tests of current-using electrical equipment and appliances for the verification of the effectiveness of the protective measures and the permissible limits for product compliance.
This procedure is applicable to current-using electrical equipment connected to final circuits. They can be either pluggable equipment type A connected to final circuits at work places via a plug or permanently connected equipment, with a rated voltage above 25 V AC and 60 V DC up to 1 000 V AC and 1 500 V DC, and currents up to 63A.

This document does not cover:
— Test after repair defined in FprEN 50678;
— type tests, routine tests, sample tests, special tests and acceptance tests for product safety nor for product functional requirements.

This document does not apply to:
— devices and equipment that are part of the fixed electrical installations defined in HD 60364 (all parts);
— uninterruptible Power Supply (UPS), photovoltaic inverters and power converters, e.g. AC/DC converters;
— charging stations for electro-mobility;
— stationary power supplies (generators);
— programmable Logic Controllers (PLC);
— power Drives;
— devices for EX-zones or for mining applications in general;
— products already covered by standards addressing similar topics such as:
— medical equipment covered by EN 60601 1. For these devices, EN 62353 applies;
— arc welding equipment covered by EN 60974 1. For these devices, EN 60974 4 applies;
— Machinery covered by EN 60204 1. For these devices, EN 60204 1 applies.

SIST EN IEC 60603-7:2021 SIST EN 60603-7:2010
SIST EN 60603-7:2010/A1:2012
SIST EN 60603-7:2010/A2:2019

2021-01 (po) (en) 58 str. (J)

Konektorji za elektronsko opremo - 7. del: Podrobna specifikacija za 8-redne, nezaslonjene, proste in fiksne konektorje (IEC 60603-7:2020)

Connectors for electronic equipment - Part 7: Detail specification for 8-way, unshielded, free and fixed connectors (IEC 60603-7:2020)

Osnova: EN IEC 60603-7:2020
ICS: 31.220.10

This part of IEC 60603-7 covers 8-way, unshielded, free and fixed connectors and is intended to specify the common dimensions (interface dimensions), mechanical, electrical and environmental characteristics and tests for the family of IEC 60603-7-x connectors.
These connectors are intermateable (according to IEC 61076-1 level 2) and interoperable with other IEC 60603-7 series connectors.

SIST EN IEC 60645-3:2021 SIST EN 60645-3:2008

2021-01 (po) (en) 17 str. (E)

Elektroakustika - Avdiometrična oprema - 3. del: Kratkotrajni preskušalni signali (IEC 60645-3:2020)

Electroacoustics - Audiometric equipment - Part 3: Test signals of short duration (IEC 60645-3:2020)

Osnova: EN IEC 60645-3:2020
ICS: 17.140.50

This part of IEC 60645 specifies a means of describing the physical characteristics, in terms of electrical waveforms, of audiometric reference and test signals of short duration and methods for their measurement.
The object of this document is to ensure that audiometric stimuli of short duration are specified and measured in the same way and that the calibration of equipment using such signals is carried out using defined methods.
This document does not describe the method of use of short-duration test signals.

SIST EN IEC 60747-17:2021
2021-01 (po) (en) 55 str. (J)
Polprevodniški elementi - 17. del: Magnetni in kapacitivni spojnik za osnovno in ojačeno izolacijo (IEC 60747-17:2020)
Semiconductor devices - Part 17: Magnetic and capacitive coupler for basic and reinforced insulation (IEC 60747-17:2020)
Osnova: EN IEC 60747-17:2020
ICS: 31.080.01

This part of IEC 60747 specifies the terminology, essential ratings, characteristics, safety test and the measuring methods of magnetic coupler and capacitive coupler.
It specifies the principles and requirements of insulation and isolation characteristics for magnetic and capacitive couplers for basic insulation and reinforced insulation.

SIST EN IEC 61076-2-114:2021
2021-01 (po) (en) 51 str. (J)
Konektorji za električno in elektronsko opremo - Zahteve za izdelek - 2-114. del: Okrogli konektorji - Podrobna specifikacija za konektorje z vijačno zaporo M8 s tokovnimi in signalnimi kontakti za prenos podatkov do 100 MHz (IEC 61076-2-114:2020)
Connectors for electrical and electronic equipment - Product requirements - Part 2-114: Circular connectors - Detail specification for connectors with M8 screw-locking with power contacts and signal contacts for data transmission up to 100 MHz (IEC 61076-2-114:2020)
Osnova: EN IEC 61076-2-114:2020
ICS: 31.220.10

This part of IEC 61076 describes circular connectors with M8 screw locking typically used for data and power transmissions in industrial applications. These connectors consist of fixed and free connectors that are either rewireable or non-rewireable. Data transmission performance is for Category 5 up to 100 MHz.
Two coded versions, identified as D-coded and P-coded, are provided that differ by their pin size and optionally by number of poles, hence by the function provided for field applications. Male connectors have round contacts Ř 0,8 mm for D-coded, and Ř 1 mm for P-coded connectors.
The coding provided by this document prevents the mating of accordingly coded male or female connectors to any other similarly sized interfaces covered by other standards.
NOTE M8 is the dimension of the thread of the screw-locking mechanism of these circular connectors.

SIST EN IEC 61837-2:2018/A1:2021
2021-01 (po) (en) 26 str. (F)
Površinsko nameščeni piezoelektrični elementi za krmiljenje in izbiranje (filtriranje) frekvenc - Standardne mere in priključni kontakti - 2. del: Keramični okrovi - Dopolnilo A1 (IEC 61837-2:2018/A1:2020)
Surface mounted piezoelectric devices for frequency control and selection - Standard outlines and terminal lead connections - Part 2: Ceramic enclosures (IEC 61837-2:2018/A1:2020)
Osnova: EN IEC 61837-2:2018/A1:2020
ICS: 31.140

Dopolnilo A1:2021 je dodatek k standardu SIST EN IEC 61837-2:2018.
Ta del standarda IEC 61837 obravnava standardne mere in priključne kontakte, ki se uporabljajo pri površinsko nameščenih elementih (SMD) za regulacijo in izbiranje frekvence na keramičnih okrovih, ter temelji na standardu IEC 61240:2016.

SIST EN IEC 62433-6:2021
2021-01 (po) (en) 58 str. (J)
Modeliranje integriranih vezij (IC) za elektromagnetno združljivost (EMC) - 6. del: Modeli integriranih vezij za simulacijo impulzno odpornega obnašanja - Modeliranje impulzne odpornosti (ICIM-CPI) (IEC 62433-6:2020)
EMC IC modelling - Part 6: Models of integrated circuits for pulse immunity behavioural simulation - Conducted pulse immunity modelling (ICIM-CPI) (IEC 62433-6:2020)
Osnova: EN IEC 62433-6:2020
ICS: 31.200, 33.100.20

The objective of this part of IEC 62433 is to describe the extraction flow for deriving an immunity macro-model of an Integrated Circuit (IC) against conducted Electrostatic Discharge (ESD) according to IEC 61000-4-2 and Electrical Fast Transients (EFT) according to IEC 61000-4-4.
The model addresses physical damages due to overvoltage, thermal damage and other failure modes. Functional failures can also be addressed.
This model allows the immunity simulation of the IC in an application. This model is commonly called "Integrated Circuit Immunity Model Conducted Pulse Immunity", ICIM-CPI.
The described approach is suitable for modelling analogue, digital and mixed-signal ICs. Several terminals of an IC can be part of a single model (e.g. input, output and supply pins). The implementation of the model is capable of representing the non-linear behaviour of overvoltage protection circuits.
The model can be implemented for the use in different software tools for circuit simulation in time-domain. The described modelling approach allows simulating device failure due to ESD or EFT at component and system level considering all components necessary for the immunity simulation of an IC, such as a PCB or external protection elements.
This document demonstrates, in detail, the construction of models in a defined XML-based format which is suitable for the exchange of models without any deeper knowledge of the semiconductor circuit. However, the model functionality can be implemented in different formats including, but not limited to, tables, SPICE[1] 1 netlists, hardware description languages such as VHDL-AMS [2] and Verilog-AMS [3].
This document provides:
• the description of ICIM-CPI macro-model elements representing electrical, thermal or logical behaviour of the IC.
• a universal data exchange format based on XML.

SIST-V CEN/CLC Guide 23:2021 SIST CEN/CLC Guide 23:2013
2021-01 (po) (en;fr;de) 16 str. (D)
Raziskovalni konzorcij Bridge - Raziskava obravnavanja in inoviranja pri evropskih standardizacijskih dejavnostih in pričakovani rezultati
Research Consortium Bridge - Addressing Research and Innovation in European Standardization activities and deliverables
Osnova: CEN/CLC Guide 23:2020
ICS: 01.120

This document provides guidance on addressing research and innovation (R&I) in European standardization activities and deliverables.
Secretaries and chairpersons of CEN/CENELEC Technical Bodies as well as CEN/CENELEC national members are encouraged to actively promote the application of this document.

SS SPL Strokovni svet SIST za splošno področje

SIST EN 1004-1:2021 SIST EN 1004:2005
2021-01 (po) (en;fr;de) 40 str. (H)
Pomični delovni odri na kolesih iz predizdelanih tipskih elementov - 1. del: Materiali, mere, obtežbe in varnostne zahteve
Mobile access and working towers made of prefabricated elements - Part 1: Materials, dimensions, design loads, safety and performance requirements
Osnova: EN 1004-1:2020
ICS: 91.220

This document applies to the design of mobile access and working towers made of prefabricated elements with dimensions which are fixed by the design and with a height up to 12 m (indoors) and up to 8 m (outdoors). This document applies to mobile access and working towers used as temporary work equipment.
This document:
- gives guidelines for the choice of the main dimensions and stabilizing methods,
- gives safety and performance requirements; and
- gives information on complete towers.
This product standard does not apply to scaffolds according to EN 12810-1 and EN 12811-1.

SIST EN 15512:2021 SIST EN 15512:2009
2021-01 (po) (en;fr;de) 184 str. (R)
Stabilni jekleni sistemi za skladiščenje - Sistemi za nastavljive regale za palete - Načela dimenzioniranja
Steel static storage systems - Adjustable pallet racking systems - Principles for structural design
Osnova: EN 15512:2020
ICS: 53.080

This European Standard specifies the structural design requirements applicable to all types of adjustable beam pallet rack systems fabricated from steel members intended for the storage of unit loads and subject to predominantly static loads. Both un-braced and braced systems are included.
This European Standard gives guidelines for the design of clad rack buildings where requirements are not covered in EN 1993. The requirements of this European Standard also apply to ancillary structures, where rack components are employed as the main structural members.
This European Standard does not cover other generic types of storage structures. Specifically, this European Standard does not apply to mobile storage systems, drive-in, drive-through and cantilever racks or static steel shelving systems, nor does this European Standard establish specific design rules for the assessment of racking in seismic areas.

SIST EN 15571:2021 SIST EN 15571:2015
2021-01 (po) (en;fr;de) 57 str. (J)
Stroji in obrati za pridobivanje in obdelavo naravnega kamna - Varnost - Zahteve za stroje za dodelavo površine
Machines and plants for mining and tooling of natural stone - Safety - Requirements for surface-finishing machines
Osnova: EN 15571:2020
ICS: 73.120, 25.080.50

This document applies to stationary surface-finishing machines with stationary work piece (see 3.1) or with moving work piece (see 3.2) which are used to grind or polish horizontal surfaces of slabs, strips or tiles of natural stone and engineered stone (e.g. agglomerated stone) as defined by EN 14618:2009.

This document deals with all significant hazards, hazardous situations and events relevant to surface-finishing machines, when they are used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer (see Clause 4).
This document specifies the appropriate technical measures to eliminate or reduce risks arising from the significant hazards.
This document deals with the foreseeable lifetime of the machinery including the phases of transport, assembly, dismantling, disabling and scrapping.
This document does not deal with:
- hand-held grinding machines;
- machines intended for operation in a potentially explosive atmosphere;
- operation in severe environmental conditions (e.g. extreme temperatures, corrosive environment);
- machines intended for outdoor operation.
This document is not applicable to machinery which is manufactured before the date of publication of this document by CEN.

SIST EN 16564:2021 SIST EN 16564:2015
2021-01 (po) (en;fr;de) 62 str. (K)
Stroji in obrati za pridobivanje in obdelavo naravnega kamna - Varnost - Zahteve za žage/frezalne stroje, ki vključujejo računalniško krmiljenje (NC/CNC)
Machines and plants for mining and tooling of natural stone - Safety - Requirements for bridge type sawing/milling machines, included numerical control (NC/CNC) versions
Osnova: EN 16564:2020
ICS: 73.120, 25.080.60, 25.080.20

This document deals with all significant hazards, hazardous situations and events which are relevant to:
- bridge sawing machines;
- bridge sawing and milling machines;
- numerical control bridge sawing/milling machines.
These machines are designed to saw and mill natural stone and engineered/agglomerated stone as defined by EN 14618:2009, when they are used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer (see Clause 4).
This document specifies the appropriate technical measures to eliminate or reduce risks arising from the significant hazards.
This document deals with the foreseeable lifetime of the machinery including the phases of transport, assembly, dismantling, disabling and scrapping.
This document also applies to machines fitted with the following facilities/devices:
- mechanical, pneumatic, hydraulic or vacuum workpiece clamping;
- automatic tool change;
- loading and unloading conveyor system;
- tilting and/or rotating head axis;
- rotating workpiece support(s);
- tilting workpiece support(s) when loading;
- lathe unit;
- undercut grooving unit;
- axes operating in accordance with an NC work programme.
This document does not apply to:
- machines intended for operation in a potentially explosive atmosphere;
- machines operating in severe environmental conditions (e.g. extreme temperatures, corrosive environment);
- machines intended for outdoor operation;
- machines which are manufactured before the date of their publication as EN.

SIST EN 378-1:2017+A1:2021 SIST EN 378-1:2017
SIST EN 378-1:2017/kFprA1:2020

2021-01 (po) (en;fr;de) 76 str. (L)

Hladilni sistemi in toplotne črpalke - Varnostnotehnične in okoljevarstvene zahteve - 1. del: Osnovne zahteve, definicije, razvrstitev in kriteriji za izbiro

Refrigerating systems and heat pumps - Safety and environmental requirements - Part 1: Basic requirements, definitions, classification and selection criteria

Osnova: EN 378-1:2016+A1:2020
ICS: 27.200, 27.080, 01.040.27

This European Standard specifies the requirements for the safety of persons and property, provides guidance for the protection of the environment and establishes procedures for the operation, maintenance and repair of refrigerating systems and the recovery of refrigerants.
The term “refrigerating system” used in this European Standard includes heat pumps.
This part of EN 378 specifies the classification and selection criteria applicable to refrigerating systems. These classification and selection criteria are used in parts 2, 3 and 4.
This standard applies:
a) to refrigerating systems, stationary or mobile, of all sizes except to vehicle air conditioning systems covered by a specific product standard e.g. ISO 13043;
b) to secondary cooling or heating systems;
c) to the location of the refrigerating systems;
d) to replaced parts and added components after adoption of this standard if they are not identical in function and in the capacity;
Systems using refrigerants other than those listed in Annex E of this European Standard are not covered by this standard.
Annex C specifies how to determine the amount of refrigerant permitted in a given space, which when exceeded, requires additional protective measures to reduce the risk.
Annex E specifies criteria for safety and environmental considerations of different refrigerants used in refrigeration and air conditioning.
This standard is not applicable to refrigerating systems and heat pumps which were manufactured before the date of its publication as a European Standard except for extensions and modifications to the system which were implemented after publication.
This standard is applicable to new refrigerating systems, extensions or modifications of already existing systems, and for existing stationary systems, being transferred to and operated on another site.
This standard also applies in the case of the conversion of a system to another refrigerant type, in which case conformity to the relevant clauses of parts 1 to 4 of the standard shall be assessed.
Product family standards dealing with the safety of refrigerating systems takes precedence over horizontal and generic standards covering the same subject.

SIST EN 378-3:2017+A1:2021 SIST EN 378-3:2017
SIST EN 378-3:2017/kFprA1:2020

2021-01 (po) (en;fr;de) 25 str. (F)

Hladilni sistemi in toplotne črpalke - Varnostnotehnične in okoljevarstvene zahteve - 3. del: Mesto postavitve in zaščita oseb

Refrigerating systems and heat pumps - Safety and environmental requirements - Part 3: Installation site and personal protection

Osnova: EN 378-3:2016+A1:2020
ICS: 27.200, 27.080

This European Standard specifies the requirements for the safety of persons and property, provides guidance for the protection of the environment and establishes procedures for the operation, maintenance and repair of refrigerating systems and the recovery of refrigerants.
The term “refrigerating system” used in this European Standard includes heat pumps.
This Part 3 of the European Standard is applicable to the installation site (plant space and services). It specifies requirements on the site for safety, which may be needed because of, but not directly connected with, the refrigerating system and its ancillary components.

This standard applies:
a) to refrigerating systems, stationary or mobile, of all sizes except to vehicle air conditioning systems covered by a specific product standard e.g. ISO 13043;
b) to secondary cooling or heating systems;
c) to the location of the refrigerating systems;
d) to replaced parts and added components after adoption of this standard if they are not identical in function and in the capacity.
Systems using refrigerants other than those listed in of !EN 378 1:2016+A1:2020", Annex E are not covered by this standard.
This standard does not apply to goods in storage.
This standard is not applicable to refrigerating systems which were manufactured before the date of its publication as a European Standard except for extensions and modifications to the system which were implemented after publication.
This standard is applicable to new refrigerating systems, extensions or modifications of already existing systems, and for existing stationary systems, being transferred to and operated on another site.
This standard also applies in the case of the conversion of a system for another refrigerant type, in which case conformity with the relevant clauses of parts 1 to 4 of the standard shall be assessed.

SIST EN 6057:2021
2021-01 (po) (en;fr;de) 15 str. (D)
Aeronavtika - Končnik z očesom in ležajem po EN 4265 iz korozijsko odpornega jekla, z zunanjo navojno ročico - Mere in obremenitve - Palčne mere
Aerospace series - Rod-end with bearing EN 4265 in corrosion resisting steel, internal threaded shank - Dimensions and loads, Inch series
Osnova: EN 6057:2020
ICS: 49.025.10, 49.035

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

SIST EN 840-1:2020/AC:2021
2021-01 (po) (en;fr;de) 2 str. (AC)
Premični zabojniki za odpadke in za recikliranje - 1. del: Zabojniki na dveh kolesih s prostornino do 400 l za iztresalnike z glavnikom - Mere in oblika - Popravek AC
Mobile waste and recycling containers - Part 1: Containers with 2 wheels with a capacity up to 400 l for comb lifting devices - Dimensions and design
Osnova: EN 840-1:2020/AC:2020
ICS: 13.030.40

Popravek k standardu SIST EN 840-1:2020.
This European Standard specifies dimensions and design requirements of mobile waste and recycling containers with 2 wheels, with capacity up to 400 l to be used by comb lifting devices.

SIST EN ISO 11591:2021 SIST EN ISO 11591:2019
2021-01 (po) (en;fr;de) 15 str. (D)
Mala plovila - Vidno polje izza krmila (ISO 11591:2020)
Small craft - Field of vision from the steering position (ISO 11591:2020)
Osnova: EN ISO 11591:2020
ICS: 47.080

This document specifies requirements for the field of vision from the steering position, forward (horizontally and vertically) and astern, for small craft up to 24 m length of hull (*L*H) in accordance with ISO 8666:2016.

SIST EN ISO 12215-10:2021
2021-01 (po) (en;fr;de) 87 str. (M)
Mala plovila - Konstrukcija trupa in zahtevane lastnosti - 10. del: Obremenitve in pritrditve ladijske opreme na jadrnici (ISO 12215-10:2020)
Small craft - Hull construction and scantlings - Part 10: Rig loads and rig attachment in sailing craft (ISO 12215-10:2020)
Osnova: EN ISO 12215-10:2020
ICS: 47.020.10, 47.080

This document specifies methods for the determination of:
— the design loads and design stresses on rig elements; and
— the loads and scantlings of rig attachments and mast steps/pillars;
on monohull and multihulls sailing craft.
It also gives, in Annexes, "established practices" for the assessment of mast steps/pillars or chainplates
NOTE 1 Other engineering methods can be used provided the design loads and design stresses are used.
This document is applicable to craft with a hull length LH up to 24 m but it can also be applied to craft up to 24 m load line length.
NOTE 2 The load line length is defined in the OMI "International Load Lines Convention 1966/2005", it is smaller than LH. This length also sets up, at 24 m, the lower limit of several IMO conventions.
Scantlings derived from this document are primarily intended to apply to recreational craft, including charter vessels.
This document is not applicable to racing craft designed only for professional racing.
This document only considers the loads exerted when sailing. Any loads that may result from other situations are not considered in this document.
Throughout this document, and unless otherwise specified, dimensions are in (m), areas in (m2), masses in (kg), forces in (N), moments in (N m), stresses and elastic modulus in N/mm2 (1 N / mm2 = 1 Mpa).
Unless otherwise stated, the craft is assessed in fully loaded ready for use condition.

SIST EN ISO 15156-1:2021 **SIST EN ISO 15156-1:2015**
2021-01 (po) (en;fr;de) 19 str. (E)
Industrija za predelavo nafte in zemeljskega plina - Materiali za uporabo v okoljih s H2S v proizvodnji olja in plina - 1. del: Splošna načela za izbiro materialov, odpornih proti razpokam (ISO 15156-1:2020)
Petroleum and natural gas industries - Materials for use in H2S-containing environments in oil and gas production - Part 1: General principles for selection of cracking-resistant materials (ISO 15156-1:2020)
Osnova: EN ISO 15156-1:2020
ICS: 77.060, 75.180.10

This document describes general principles and gives requirements and recommendations for the selection and qualification of metallic materials for service in equipment used in oil and gas production and in natural-gas sweetening plants in H2S-containing environments, where the failure of such equipment can pose a risk to the health and safety of the public and personnel or to the environment.
It can be applied to help to avoid costly corrosion damage to the equipment itself. It supplements, but does not replace, the materials requirements given in the appropriate design codes, standards, or regulations.
This document addresses all mechanisms of cracking that can be caused by H2S, including sulfide stress cracking, stress corrosion cracking, hydrogen-induced cracking and stepwise cracking,

stress-oriented hydrogen-induced cracking, soft zone cracking, and galvanically induced hydrogen stress cracking.
Table 1 provides a non-exhaustive list of equipment to which this document is applicable, including exclusions.
This document applies to the qualification and selection of materials for equipment designed and constructed using load controlled design methods. For design utilizing strain-based design methods, see Clause 5.
This document is not necessarily applicable to equipment used in refining or downstream processes and equipment.

SIST EN ISO 15156-2:2021 SIST EN ISO 15156-2:2015
2021-01 (po) (en;fr;de) 56 str. (J)
Industrija za predelavo nafte in zemeljskega plina - Materiali za uporabo v okoljih s H2S v proizvodnji olja in plina - 2. del: Proti razpokam odporna ogljikova in malolegirana jekla ter uporaba litega železa (ISO 15156-2:2020)
Petroleum and natural gas industries - Materials for use in H2S-containing environments in oil and gas production - Part 2: Cracking-resistant carbon and low-alloy steels, and the use of cast irons (ISO 15156-2:2020)
Osnova: EN ISO 15156-2:2020
ICS: 75.180.10, 77.060

This document gives requirements and recommendations for the selection and qualification of carbon and low-alloy steels for service in equipment used in oil and natural gas production and natural gas treatment plants in H2S-containing environments, whose failure can pose a risk to the health and safety of the public and personnel or to the environment. It can be applied to help to avoid costly corrosion damage to the equipment itself. It supplements, but does not replace, the materials requirements of the appropriate design codes, standards or regulations.
This document addresses the resistance of these steels to damage that can be caused by sulfide stress cracking (SSC) and the related phenomena of stress-oriented hydrogen-induced cracking (SOHIC) and soft-zone cracking (SZC).
This document also addresses the resistance of these steels to hydrogen-induced cracking (HIC) and its possible development into stepwise cracking (SWC).
This document is concerned only with cracking. Loss of material by general (mass loss) or localized corrosion is not addressed.
Table 1 provides a non-exhaustive list of equipment to which this document is applicable, including exclusions.
This document applies to the qualification and selection of materials for equipment designed and constructed using load controlled design methods. For design utilizing strain-based design methods, see ISO 15156-1:2020, Clause 5.
Annex A lists SSC-resistant carbon and low alloy steels, and A.2.4 includes requirements for the use of cast irons.
This document is not necessarily suitable for application to equipment used in refining or downstream processes and equipment.

SIST EN ISO 15156-3:2021 SIST EN ISO 15156-3:2015
2021-01 (po) (en;fr;de) 80 str. (L)
Industrija za predelavo nafte in zemeljskega plina - Materiali za uporabo v okoljih s H2S v proizvodnji olja in plina - 3. del: Visokolegirana jekla (CRAs) in druge zlitine (ISO 15156-3:2020)
Petroleum and natural gas industries - Materials for use in H2S-containing environments in oil and gas production - Part 3: Cracking-resistant CRAs (corrosion-resistant alloys) and other alloys (ISO 15156-3:2020)
Osnova: EN ISO 15156-3:2020
ICS: 75.180.10, 77.060

This document gives requirements and recommendations for the selection and qualification of CRAs (corrosion-resistant alloys) and other alloys for service in equipment used in oil and natural gas production and natural gas treatment plants in H2S-containing environments whose failure can pose a risk to the health and safety of the public and personnel or to the environment. It can be applied to help avoid costly corrosion damage to the equipment itself. It supplements, but does not replace, the materials requirements of the appropriate design codes, standards, or regulations.
This document addresses the resistance of these materials to damage that can be caused by sulfide stress cracking (SSC), stress corrosion cracking (SCC), and galvanically induced hydrogen stress cracking (GHSC).
This document is concerned only with cracking. Loss of material by general (mass loss) or localized corrosion is not addressed.
Table 1 provides a non-exhaustive list of equipment to which this document is applicable, including exclusions.
This document applies to the qualification and selection of materials for equipment designed and constructed using load controlled design methods. For design utilizing strain-based design methods, see ISO 15156-1:2020, Clause 5.
This document is not necessarily suitable for application to equipment used in refining or downstream processes and equipment.

SIST EN ISO 19902:2021 SIST EN ISO 19902:2008
SIST EN ISO 19902:2008/A1:2014

2021-01 (po) (en;fr;de) 585 str. (2D)

Industrija za predelavo nafte in zemeljskega plina - Varjene jeklene konstrukcije naftnih ploščadi (ISO 19902:2020)

Petroleum and natural gas industries - Fixed steel offshore structures (ISO 19902:2020)

Osnova: EN ISO 19902:2020
ICS: 91.080.13, 75.180.10

This document specifies requirements and provides recommendations applicable to the following types of fixed steel offshore structures for the petroleum and natural gas industries:
— caissons, free-standing and braced;
— jackets;
— monotowers;
— towers.
In addition, it is applicable to compliant bottom founded structures, steel gravity structures, jack-ups, other bottom founded structures and other structures related to offshore structures (such as underwater oil storage tanks, bridges and connecting structures).
This document contains requirements for planning and engineering of the design, fabrication, transportation and installation of new structures as well as, if relevant, their future removal. NOTE 1 Specific requirements for the design of fixed steel offshore structures in arctic environments are presented in ISO 19906.
NOTE 2 Requirements for topsides structures are presented in ISO 19901-3; for marine operations in, ISO 19901-6; for structural integrity management, in ISO 19901-9 and for the site-specific assessment of jack-ups, in ISO 19905-1.

SIST EN ISO 24263:2021

2021-01 (po) (en;fr;de) 13 str. (D)

Obutev - Pritrdilna trdnost jermenov, trakov in dodatnih delov (ISO 24263:2020)

Footwear - Attachment strength of straps, trims and accessories (ISO 24263:2020)

Osnova: EN ISO 24263:2020
ICS: 61.060

This standard describes a method for determining the attachment strength of footwear upper straps joined to the sole, upper decorations, hooks, eyelets and trims.

SIST EN ISO 24265:2021
2021-01 (po) (en;fr;de) 13 str. (D)
Obutev - Metode za preskušanje zgornjih delov - Odpornost proti drgnjenju z gumijastim trakom (ISO 24265:2020)
Footwear - Test methods for uppers - Resistance to rubbing using a rubber strip (ISO 24265:2020)
Osnova: EN ISO 24265:2020
ICS: 61.060

This Standard specifies a method for the determination of the rubbing resistance of leather and synthetic materials using rubber.
The method is aimed to establish testing conditions that are similar to those of the practical use of footwear subjected to drastic stress, as is the case of hiking or children's footwear, where the upper of one of the shoes is expected to rub with the sole of the other. This method is applicable to all types of leather and synthetic materials intended for shoe uppers.

SIST EN ISO 24266:2021
2021-01 (po) (en;fr;de) 18 str. (E)
Obutev - Preskusne metode za celoten čevelj - Vzdržljivost upogiba (ISO 24266:2020)
Footwear - Test methods for whole shoe - flexing durability (ISO 24266:2020)
Osnova: EN ISO 24266:2020
ICS: 61.060

This International Standard specifies two test methods for the determination of the flexing durability of whole shoes. The two methods may not give comparable results.
These methods are not applicable to the whole shoes with heel height more than 70 mm, or the thickness of flexing area of the soles more than 25 mm, or flexing angle less than 45° according to ISO 17707:2005 clause 6 rigidity test.

SIST EN ISO 24267:2021
2021-01 (po) (en;fr;de) 16 str. (D)
Obutev - Določanje koeficienta trenja za obutev in sestavne dele podplata - Preskusne metode (ISO 24267:2020)
Footwear - Determination of coefficient of friction for footwear and sole components - Test method (ISO 24267:2020)
Osnova: EN ISO 24267:2020
ICS: 61.060

This method determines the coefficient of friction between footwear and floorings under conditions simulating those experienced in the phases of a typical walking step when slip is most likely to occur.
The method is applicable to all types of footwear, outsole units, heel top pieces (top lifts) and sheet soling materials.

SIST EN ISO 8666:2021 SIST EN ISO 8666:2018
2021-01 (po) (en;fr;de) 33 str. (H)
Mala plovila - Osnovni podatki (ISO 8666:2020)
Small craft - Principal data (ISO 8666:2020)
Osnova: EN ISO 8666:2020
ICS: 47.080

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

SIST EN ISO/ASTM 52941:2021
2021-01 (po) (en;fr;de) 19 str. (E)
Aditivna proizvodnja - Delovanje in zanesljivost sistema - Preskusi sprejemljivosti za lasersko kovinsko fuzijo plasti kovinskih prašnih delcev za uporabo v aeronavtiki(ISO/ASTM 52941:2020)
Additive manufacturing - System performance and reliability - Acceptance tests for laser metal powder-bed fusion machines for metallic materials for aerospace application (ISO/ASTM 52941:2020)
Osnova: EN ISO/ASTM 52941:2020
ICS: 49.025.01, 25.030

This document specifies requirements and test methods for the qualification of laser beam machines for metal powder bed additive manufacturing for aerospace applications.

SIST-TP CEN/TR 17535:2021
2021-01 (po) (en;fr;de) 53 str. (J)
Zahteve za povezovanje, dostop, sodelovanje in nadaljnji razvoj odprtih svetovnih omrežij in sistemov za poštne operaterje in na splošno zainteresirane strani v poštnem sektorju
Requirements to connect, access, participate and further develop open global networks and systems, for postal operators and the wider postal sector players
Osnova: CEN/TR 17535:2020
ICS: 35.240.69, 03.240

The current and future infrastructure to satisfy the changing needs of citizens in the EU will grant access to wider postal stakeholders, including customers, postal suppliers, supply chain service providers, (i.e. customs, fiscal authorities collecting VAT and related duties, transport providers like airlines or rail road and other transport mode operators, non-profit organisations supporting supply chain traceability, etc.) non-designated economic postal operators (Courier-, Express-, and Parcel delivery operators) that use, or may wish to use products, services and solutions currently restricted to designated operators.
This document aims at the provision of a Single Digital Market in Europe is at the focus within CEN, in particular:
• maintaining the integrity and independence of the European and worldwide delivery network
• no unfair advantage to any group or individual player, and thereby providing a level playing field
• clear delineation of the responsibilities and roles of all entities involved
• transparent management, control and integration of the postal supply chain as legally described in EU legislation (EU Regulation 2018/644 on cross-border parcel delivery services)
• reciprocity of interconnection with other stakeholder networks, as applicable
• proper security mechanisms in place to ensure data protection and privacy
to provide the necessary implementation guidance of EAD for fiscal duties (VAT et al.), customs and transport security.
The current MoU between the UPU and CEN offers the foundation to convert UPU specifications only applicable to designated postal operators into open CEN specifications. The creation of a digital single market has significant implications on cross border commerce and related delivery of merchandise.
This document provides the necessary implementation guidance. It is based on be the technical report "Postal Services — Electronic advanced data (EAD) in postal operations compliant to security and customs requirements".
The document is based on the semantic mapping description of information on the characteristics or attributes of Low Value Consignments (LVC) which parties in the digital commercial value chain acrossborders are called upon to handle, compliant to the EU VAT Ecommerce Package as well as the UPU-WCO customs model. It gives guidance by defining the use of unique transport identifiers, unique transaction identifiers and the IOSS VAT Identification number.

SIST-TP CEN/TR 17536:2021
2021-01 (po) (en;fr;de) 93 str. (M)
Zahteve za napredne elektronske podatke (EDA) pri poštnem poslovanju, skladnem z varnostnimi in carinskimi zahtevami
Requirements for electronic advanced data (EDA) in postal operations, in particular compliant to security and customs requirements
Osnova: CEN/TR 17536:2020
ICS: 03.240, 35.240.69

This document provides the semantic mapping description of information on the characteristics or attributes of Low Value Consignments (LVC) which parties in the digital commercial value chain acrossborders are called upon to handle, compliant to the EU VAT Ecommerce Package as well as the UPU-WCO customs model.
This document is limited to LVC, the logical definition of an electronic message, which supports the communication of information about postal items with a unique transport unit identifier.
While different customs processes apply to LVC (goods ≤ 150), and consignments exceeding an intrinsic value of > 150, this technical specification only applies to LVC. Therefore, it applies to the collection of import duties (VAT) and not to customs fees.
The document defines both EDIFACT directory 00A and XML implementations to bridge in a semantic mapping between UPU M33 ITMATT messages and the EU customs data model and its super-reduced data set, that can be used to convey item-level data for use in customs processing applications.
The document specifies that the supply of certain attribute values, segments and tags is mandatory (M), hilst the supply of other attributes, segments and tags is specified as optional (O).
This document separates the financial, the data-elements and the physical flow of low value consignments. Further it defines the use of unique transport identifiers, unique transaction identifiers and the IOSS VAT Identification number.

SIST-TS CEN ISO/TS 80004-3:2021 SIST-TS CEN ISO/TS 80004-3:2015
2021-01 (po) (en;fr;de) 19 str. (E)
Nanotehnologije - Slovar - 3. del: Ogljikovi nanogradniki (ISO/TS 80004-3:2020)
Nanotechnologies - Vocabulary - Part 3: Carbon nano-objects (ISO/TS 80004-3:2020)
Osnova: CEN ISO/TS 80004-3:2020
ICS: 07.120, 01.040.07

This document defines terms related to carbon nano-objects in the field of nanotechnologies. It is intended to facilitate communication between organizations' and individuals' research, industry and other interested parties and those who interact with them. Additional terms and definitions for graphene and two-dimensional materials (2D) materials are provided in ISO/TS 80004-13.
Related carbon nanoscale materials are given in Annex A.

SIST-TS CEN/TS 17135:2021
2021-01 (po) (en,fr,de) 36 str. (H)
Ohranjanje kulturne dediščine - Splošni izrazi za opisovanje sprememb predmetov
Conservation of cultural heritage - Generale terms for describing the alterations of objects
Osnova: CEN/TS 17135:2020
ICS: 97.195

This document defines terms used in the field of conservation of cultural heritage for the description of alteration of objects with particular attention to those terms which
are applied to many types of objects.This document applies to all types of material changes that can be observed.

NAROČILNICA ZA SLOVENSKE STANDARDE IN DRUGE PUBLIKACIJE

N – IZO 01/2021

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.