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Objava novih slovenskih nacionalnih standardov

SIST/TC AKU Akustika

SIST EN ISO 16283-2:2018 SIST EN ISO 16283-2:2016
2018-12 (po) (en) 53 str. (J)
Akustika - Terenska merjenja zvočne izolirnosti v stavbah in zvočne izolirnosti stavbnih elementov - 2. del: Izolirnost pred udarnim zvokom (ISO 16283-2:2018)
Acoustics - Field measurement of sound insulation in buildings and of building elements - Part 2: Impact sound insulation (ISO 16283-2:2018)
Osnova: EN ISO 16283-2:2018
ICS: 17.140.01, 91.120.20

This document specifies procedures to determine the impact sound insulation using sound pressure measurements with an impact source operating on a floor or stairs in a building. These procedures are intended for room volumes in the range from 10 m3 to 250 m3 in the frequency range from 50 Hz to 5 000 Hz. The test results can be used to quantify, assess and compare the impact sound insulation in unfurnished or furnished rooms where the sound field can approximate to a diffuse field.

SIST/TC BBB Beton, armirani beton in prednapeti beton

SIST EN 13892-9:2018
2018-12 (po) (en;fr;de) 13 str. (D)
Metode preskušanja mešanice za estrih - 9. del: Dimenzijska stabilnost
Methods of test for screed materials - Part 9: Dimensional stability
Osnova: EN 13892-9:2018
ICS: 91.100.10

This European Standard specifies a method for determining the dimensional stability (i. e. the shrinkage and swelling) of cementitious screed, calcium sulfate screed, magnesite screed and synthetic resin screed materials made in accordance with EN 13892-1.

SIST/TC DPL Oskrba s plinom

SIST EN 12405-1:2018 SIST EN 12405-1:2005+A2:2010
2018-12 (po) (en;fr;de) 106 str. (N)
Plinomeri - Korektorji - 1. del: Volumska korekcija
Gas meters - Conversion devices - Part 1: Volume conversion
Osnova: EN 12405-1:2018
ICS: 91.140.40

To revise the Annex ZA, and the associated body text only, of EN 12405-1 to ensure the alignment with the Directive 2014/32/EU.

SIST EN 14236:2018 SIST EN 14236:2007
2018-12 (po) (en;fr;de) 79 str. (L)
Ultrazvočni plinomeri za gospodinjstva
Ultrasonic domestic gas meters
Osnova: EN 14236:2018
ICS: 91.140.40

To revise the Annex ZA, and the associated body text only, of EN 14236 to ensure the alignment with the Directive 2014/32/EU.

SIST EN 16726:2016+A1:2018 SIST EN 16726:2016
2018-12 (po) (en;fr;de) 48 str. (I)
Infrastruktura za plin - Kakovost plina - Skupina H (vključno z dopolnilom A1)
Gas infrastructure - Quality of gas - Group H
Osnova: EN 16726:2015+A1:2018
ICS: 75.060

This European standard specifies gas quality characteristics, parameters and their limits, for gases classified as group H that are to be transmitted, injected into and from storages, distributed and utilized.
NOTE For information on gas families and gas groups see EN 437.
This European standard does not cover gases conveyed on isolated networks.
For biomethane, additional requirements indicated in prEN 16723 1 apply.

SIST EN ISO 20765-1:2018
2018-12 (po) (en;fr;de) 50 str. (I)
Zemeljski plin - Izračun termodinamičnih lastnosti - 1. del: Lastnosti plinaste faze za prenos in distribucijo (ISO 20765-1:2005)
Natural gas - Calculation of thermodynamic properties - Part 1: Gas phase properties for transmission and distribution applications (ISO 20765-1:2005)
Osnova: EN ISO 20765-1:2018
ICS: 75.060

This part of ISO 20765 specifies a method of calculation for the volumetric and caloric properties of natural gases, natural gases containing synthetic admixture and similar mixtures, at conditions where the mixture can exist only as a gas.
The method is applicable to pipeline-quality gases within the ranges of pressure and temperature at which transmission and distribution operations normally take place. For volumetric properties (compression factor and density), the uncertainty of calculation is about ± 0,1 % (95 % confidence interval). For caloric properties (for example enthalpy, heat capacity, Joule-Thomson coefficient, speed of sound), the uncertainty of calculation is usually greater.

SIST EN ISO 20765-2:2018
2018-12 (po) (en;fr;de) 68 str. (K)
Zemeljski plin - Izračun termodinamičnih lastnosti - 2. del: Lastnosti enofaznih sistemov (plin, tekočina in gosta tekočina) za razširjen obseg uporabe (ISO 20765-2:2015)
Natural gas - Calculation of thermodynamic properties - Part 2: Single-phase properties (gas, liquid, and dense fluid) for extended ranges of application (ISO 20765-2:2015)
Osnova: EN ISO 20765-2:2018
ICS: 71.040.40, 75.060

ISO 20765-2:2015 specifies a method to calculate volumetric and caloric properties of natural gases, manufactured fuel gases, and similar mixtures, at conditions where the mixture may be in either the homogeneous (single-phase) gas state, the homogeneous liquid state, or the homogeneous supercritical (dense-fluid) state.

SIST EN ISO 23874:2018
2018-12 (po) (en;fr;de) 33 str. (H)
Zemeljski plin - Zahteve plinske kromatografije za izračun rosišča ogljikovodikov (ISO 23874:2006)
Natural gas - Gas chromatographic requirements for hydrocarbon dewpoint calculation (ISO 23874:2006)
Osnova: EN ISO 23874:2018
ICS: 71.040.50, 75.060

ISO 23874:2006 describes the performance requirements for analysis of treated natural gas of transmission or pipeline quality in sufficient detail so that the hydrocarbon dewpoint temperature can be calculated using an appropriate equation of state. ISO 23874:2006 can be applied to gases that have maximum dewpoint temperatures (cricondentherms) between 0 °C and - 50 °C. The pressures at which these maximum dewpoint temperatures are calculated are in the range 2 MPa (20 bar) to 5 MPa (50 bar).
The procedure given in ISO 23874:2006 covers the measurement of hydrocarbons in the range C5 to C12. n-Pentane, which is quantitatively measured using ISO 6974 (all parts), is used as a bridge component and all C6 and higher hydrocarbons are measured relative to n-pentane. Major components are measured using ISO 6974 (all parts) and the ranges of components that can be measured are as defined in ISO 6974-1.

SIST-TP CEN/TR 17238:2018
2018-12 (po) (en) 27 str. (G)
Predlagane mejne vrednosti za onesnaževala v biometanu na podlagi meril zdravstvene presoje
Proposed limit values for contaminants in biomethane based on health assessment criteria
Osnova: CEN/TR 17238:2018
ICS: 27.190, 75.060

This document explains an approach for assessment of limit values for contaminants that may be found in biomethane. Limit values are generally required as an adjunct to a biomethane specification (such as parts 1 and 2 of EN 16723, or an equivalent National specification) or as part of a Network Entry Agreement for injection of biomethane into gas networks.
The methodology employed will permit derivation of limit values based solely on consideration of potential for impact on human health and does not consider other impacts, such as integrity and operation of plant and pipelines used to convey biomethane or appliances involved in its combustion or other regulations like CLP regulation. Where consideration of such impacts would result in proposing lower limit values than those based on health impacts, then the lowest limit values should generally be proposed.

SIST/TC EAL Električni alarmi

SIST EN 50136-1:2012/A1:2018
2018-12 (po) (en;fr) 9 str. (C)
Alarmni sistemi - Sistemi in oprema za prenos alarma - 1. del: Splošne zahteve za sisteme za prenos alarmov - Dopolnilo A1
Alarm systems - Alarm transmission systems and equipment - Part 1: General requirements for alarm transmission systems
Osnova: EN 50136-1:2012/A1:2018
ICS: 13.320

Dopolnilo A1:2018 je dodatek k standardu SIST EN 50136-1:2012.
Ta evropski standard določa zahteve za značilnosti delovanja, zanesljivosti in varnosti sistemov za prenos alarma. Standard določa zahteve za sisteme za prenos alarma, ki omogočajo prenos alarma med alarmnim sistemom na varovanem območju in opozorilno opremo v sprejemnem centru za alarme. Ta evropski standard se uporablja za sisteme za prenos vseh vrst alarmnih sporočil, kot so sporočila v primeru ognja ali vdora, sporočila v zvezi z nadzorom dostopa, sporočila socialnega alarma itd. Različne vrste alarmnih sistemov lahko poleg alarmnih sporočil pošiljajo tudi druge vrste sporočil, npr. sporočila o napakah in stanju. V okviru tega standarda tudi ta sporočila veljajo za alarmna sporočila. Izraz alarm se v tako širokem smislu uporablja v celotnem dokumentu. Dodatne zahteve v zvezi s prenosom alarma za posebne vrste alarmnih sistemov so navedene v ustreznih evropskih standardih.

SIST/TC EMC Elektromagnetna združljivost

SIST EN 55016-4-2:2011/A2:2018
2018-12 (po) (en) 22 str. (F)
Specifikacija za merilne naprave in metode za merjenje radijskih motenj in odpornosti - 4-2. del: Modeliranje negotovosti, statistike in mejnih vrednosti - Negotovost merilnih instrumentov - Dopolnilo A2
Specification for radio disturbance and immunity measuring apparatus and methods - Part 4-2: Uncertainties, statistics and limit modelling - Measurement instrumentation uncertainty - Conducted disturbance measurements
Osnova: EN 55016-4-2:2011/A2:2018
ICS: 33.100.01, 17.220.20

Dopolnilo A2:2018 je dodatek k standardu SIST EN 55016-4-2:2011.
Ta del CISPR 16-4 določa metodo za uporabo negotovosti merilnih instrumentov (MIU) pri določanju skladnosti z mejami motenj po CISPR. Gradivo je pomembno tudi za vse preskuse EMC, pri katerih na razlago rezultatov in zaključke vpliva negotovost merilnih instrumentov, uporabljenih med preskušanjem.
OPOMBA: V skladu z Vodilom IEC 107 je CISPR 16-4-2 osnovni standard EMC, ki ga uporabljajo odbori za proizvode IEC. Kot je navedeno v Vodilu 107, so odbori za proizvode odgovorni za določevanje uporabe tega standarda EMC. CISPR in njegovi pododbori so pripravljeni sodelovati s tehničnimi odbori in odbori za proizvode pri ocenjevanju uporabnosti tega standarda za določene proizvode. Dodatki vsebujejo temeljno gradivo, ki se uporablja pri podajanju velikosti MIU, ugotovljene pri nastajanju vrednosti CISPR, prikazanih v točkah od 4 do 8, in so zato koristno temeljno gradivo za tiste, ki potrebujejo začetne in nadaljnje informacije o MIU in informacije o tem, kako v verigi meritev upoštevati posamezne negotovosti. Dodatki niso mišljeni kot priročniki za vajo ali uporabo ali za kopiranje pri izračunavanju negotovosti. V ta namen se lahko uporabljajo reference, navedene v bibliografiji, ali drugi splošno priznani dokumenti.
Specifikacije merilnih instrumentov so podane v seriji CISPR 16-1, merilne metode pa zajema serija CISPR 16-2. Nadaljnje informacije in ozadje o CISPR in radijskih motnjah so navedeni v CISPR 16-3. Drugi deli serije CISPR 16-4 vsebujejo več informacij o negotovosti na splošno, statistiki in modeliranju mejnih vrednosti. Za več informacij o ozadju in o vsebini serije CISPR 16-4 glejte uvod tega dela.

SIST/TC EPO Embalaža - prodajna in ovojna

SIST EN 12726:2018 SIST EN 12726:2001
2018-12 (po) (en;fr;de) 7 str. (B)
Embalaža - Grlo za plutovinaste zamaške z notranjim premerom 18,5 mm in za tulce, varne pred posegom
Packaging - Cork mouth finish with a bore diameter of 18,5 mm for corks and tamper evident capsules
Osnova: EN 12726:2018
ICS: 55.100

This European Standard specifies the dimensions of a cork mouth finish for corks and capsules for glass bottles, for wine that has a carbonation pressure not exceeding 2.0 g CO2/l, for use with natural corks.

SIST EN 15507:2018 SIST EN 15507:2009
2018-12 (po) (en;fr;de) 12 str. (C)
Embalaža - Transportna embalaža za nevarno blago - Preskušanje in primerjava kakovosti polietilena
Packaging - Transport packaging for dangerous goods - Comparative material testing of polyethylene grades
Osnova: EN 15507:2017
ICS: 55.040, 13.300

This European Standard specifies material parameters, test requirements and procedures for the comparative testing of grades of high molecular weight high density polyethylene (PE-HD-HMW) and medium molecular weight high density polyethylene (PE-HD-MMW), used for the manufacture of packagings and IBCs for the transport of dangerous goods. It is intended to be used in conjunction with selective testing for packagings for liquids. The standard is not intended to be used for comparative testing of recycled plastics material.
NOTE This European Standard is intended to be used in conjunction with one or more of the international regulations set out in the Bibliography.

SIST EN ISO 17480:2018 SIST-TS CEN/TS 15945:2011
2018-12 (po) (en;fr;de) 50 str. (I)
Embalaža - Dostopno načrtovanje - Enostavnost odpiranja (ISO 17480:2015)
Packaging - Accessible design - Ease of opening (ISO 17480:2015)
Osnova: EN ISO 17480:2018
ICS: 55.020

ISO 17480:2015 specifies requirements and recommendations for the accessible design for packaging with a focus on ease of opening. It applies to reclosable and non-reclosable consumer packaging without using any other mechanical means. This International Standard covers the design aspects addressing openability including opening location, opening methods, as well as evaluation techniques, both instrumented and user-based. This International Standard is primarily for designers, developers, and evaluators of packaging and will also be useful for other disciplines.
For products regulated for safety or other reasons (e.g. toxic or dangerous goods and substances, medicinal products, and medical devices), those regulations take precedence.

SIST EN ISO 8442-9:2018
2018-12 (po) (en;fr;de) 16 str. (D)
Materiali in predmeti v stiku z živili - Pribor in namizna posoda - 9. del: Zahteve za keramične nože (ISO 8442-9:2018)
Materials and articles in contact with foodstuffs - Cutlery and table holloware - Part 9: Requirements for ceramic knives (ISO 8442-9:2018)
Osnova: EN ISO 8442-9:2018
ICS: 97.040.60, 67.250

This part specifies requirements and test methods for ceramic knives.

SIST/TC EXP Električni aparati za eksplozivne atmosfere

SIST EN 60079-1:2015/AC:2018
2018-12 (po) (en,fr) 3 str. (AC)
Eksplozivne atmosfere - 1. del: Zaščita opreme z neprodirnim okrovom "d" - Popravek AC (IEC 60079-1:2014/COR1:2018)
Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d" (IEC 60079-1:2014/COR1:2018)
Osnova: EN 60079-1:2014/AC:2018-09
ICS: 29.260.20

Popravek k standardu SIST EN 60079-1:2015.
Ta del standarda IEC 60079 vsebuje specifične zahteve za konstrukcijo in preskušanje zaščite električne opreme z neprodirnim okrovom "d", ki je namenjena za uporabo v eksplozivnih plinskih atmosferah.
Ta standard dopolnjuje in spreminja splošne zahteve standarda IEC 60079-0. Kadar je zahteva iz tega standarda v nasprotju z zahtevo iz standarda IEC 60079-0, ima prednost zahteva iz tega standarda.

SIST EN 60079-18:2015/AC:2018
2018-12 (po) (en;fr;de) 3 str. (AC)
Eksplozivne atmosfere - 18. del: Zaščita opreme z zalivanjem z zalivno maso "m" - Popravek AC (IEC 60079-18:2014/COR1:2018)
Explosive atmospheres - Part 18: Equipment protection by encapsulation "m" (IEC 60079-18:2014/COR1:2018)
Osnova: EN 60079-18:2015/AC:2018-09
ICS: 29.260.20

Popravek k standardu SIST EN 60079-18:2015.
Ta del standarda IEC 60079 vsebuje posebne zahteve za konstrukcijo, preskušanje in označevanje električne opreme, delov električne opreme in komponent Ex s tipom zaščitne enkapsulacije »m«, ki je namenjena za uporabo v eksplozivnih plinskih atmosferah ali eksplozivnih prašnih atmosferah.
Ta del se uporablja samo za enkapsulirano električno opremo, enkapsulirane dele električne opreme in enkapsulirane komponente Ex (v nadaljnjem besedilu vedno imenovane oprema »m«), pri katerih nazivna napetost ne presega 11 kV. Uporaba električne opreme v atmosferah, ki lahko hkrati vsebujejo eksploziven plin in gorljivi prah, lahko zahteva dodatne zaščitne ukrepe.
Ta standard se ne uporablja za prah eksplozivov, ki za zgorevanje ne potrebujejo atmosferskega kisika, ali za piroforne snovi.
Ta standard ne upošteva nobenega tveganja zaradi emisije vnetljivega ali strupenega plina iz prahu.
Ta standard dopolnjuje in spreminja splošne zahteve standarda IEC 60079-0. Kadar je zahteva iz tega standarda v nasprotju z zahtevo iz standarda IEC 60079-0, ima prednost zahteva iz tega standarda.

SIST/TC FGA Funkcionalnost gospodinjskih aparatov

SIST EN 60675:1998/A2:2018
2018-12 (po) (en) 5 str. (B)
Gospodinjski sobni neposredni grelniki - Metode za merjenje funkcionalnosti - Dopolnilo A2
Household electric direct-acting room heaters - Methods for measuring performance
Osnova: EN 60675:1995/A2:2018
ICS: 97.100.10

Dopolnilo A2:2018 je dodatek k standardu SIST EN 60675:1998.
This standard applies to electric direct -acting room heaters. They may be portable, stationary, fixed, or built-in.It does not apply to:
— thermal-storage room heaters (IEC 531);
- heating appliances incorporated in the building structure;

- central heating systems;
— heaters connected to an air duct;
- wall-paper, carpets or drapes incorporating flexible heating elements.
This standard defines the main performance characteristics of direct-acting room heaters and specifies methods for measuring these characteristics, for the information of users.
This standard does not specify values for performance characteristics.
NOTE - This standard does not deal with:
- safety requirements (IEC 335-2-30);
acoustical noise of fan heaters (IEC 704-2-2).

SIST EN IEC 62885-5:2018
2018-12 (po) (en) 15 str. (D)
Naprave za površinsko čiščenje - 5. del: Visokotlačni in parni čistilniki za gospodinjsko in komercialno uporabo - Metode za merjenje učinkovitosti
Surface cleaning appliances - Part 5: High pressure cleaners and steam cleaners for household and commercial use - Methods for measuring performance
Osnova: EN IEC 62885-5:2018
ICS: 97.080

IEC 62885-5:2018 lists the characteristic performance parameters for high pressure cleaners and steam cleaners in accordance with IEC 60335-2-79.
The intent is to serve the manufacturers in describing parameters that fit in their manuals and in their literature. This can include all or some of the parameters listed in this definition document.

SIST/TC IBLP Barve, laki in premazi

SIST EN ISO 10927:2018 SIST EN ISO 10927:2011
2018-12 (po) (en;fr;de) 21 str. (F)
Polimerni materiali - Ugotavljanje molekulske mase in porazdelitve molekulske mase polimerov z masno spektrometrijo po laserski desorpciji/ionizaciji v nosilcu (matriksu) (MALDI-TOF-MS) (ISO 10927:2018)
Plastics - Determination of the molecular mass and molecular mass distribution of polymer species by matrix-assisted laser desorption/ionization time-of-flight mass spectrometry (MALDI-TOF-MS) (ISO 10927:2018)
Osnova: EN ISO 10927:2018
ICS: 71.040.50, 83.080.01

This document specifies a general method for determining the average molecular mass and molecular mass distribution of polymers (see Reference [1]) from 2 000 g · mol−1 to 20 000 g · mol−1 by matrixassisted laser desorption/ionization time-of-flight mass spectrometry (MALDI-TOF-MS).
The average molecular masses and molecular mass distributions are calculated from a calibration curve constructed using synthetic-polymer and/or biopolymer standards. This method is therefore classified as a relative method.
The method is not applicable to polyolefins or to polymers with a polydispersity >1,2.

SIST EN ISO 11124-1:2018 SIST EN ISO 11124-1:1997
2018-12 (po) (en;fr;de) 14 str. (D)
Priprava jeklenih podlag pred nanašanjem barv in sorodnih premazov - Specifikacije za kovinske granulate za peskanje - 1. del: Splošni uvod in razvrstitev (ISO 11124-1:2018)
Preparation of steel substrates before application of paints and related products - Specifications for metallic blast-cleaning abrasives - Part 1: General introduction and classification (ISO 11124-1:2018)
Osnova: EN ISO 11124-1:2018
ICS: 25.220.10, 87.020

This document describes a classification of metallic blast-cleaning abrasives for the preparation of steel substrates before application of paints and related products. It specifies the characteristics which are required for the complete designation of such abrasives. This document applies to abrasives supplied in the "new" or unused condition only. It does not apply to abrasives either during or after use.
NOTE Although this document has been developed specifically to meet requirements for preparation of steelwork, the properties specified will generally be appropriate for use when preparing other material surfaces, or components, using blast-cleaning techniques. These techniques are described in ISO 8504-2.

SIST EN ISO 11124-2:2018 SIST EN ISO 11124-2:1997
2018-12 (po) (en;fr;de) 12 str. (C)
Priprava jeklenih podlag pred nanašanjem barv in sorodnih premazov - Specifikacije za kovinske granulate za peskanje - 2. del: Sekanec iz kaljenega železa (ISO 11124-2:2018)
Preparation of steel substrates before application of paints and related products - Specifications for metallic blast-cleaning abrasives - Part 2: Chilled-iron grit (ISO 11124-2:2018)
Osnova: EN ISO 11124-2:2018
ICS: 25.220.10, 87.020

This document specifies requirements for 12 grades of chilled-iron grit abrasives, as supplied for blastcleaning processes. It specifies ranges of particle sizes, together with corresponding grade designations.
Values are specified for hardness, density, defect/structural requirements and chemical composition. The requirements specified in this document apply to abrasives supplied in the "new" condition only. They do not apply to abrasives either during or after use.
Test methods for metallic blast-cleaning abrasives are given in the various parts of ISO 11125. Chilled-iron grit abrasives are used in both static and site blasting equipment. They are most often selected where a facility exists for recovery and re-use of the abrasive.
NOTE Although this document has been developed specifically to meet requirements for preparation of steelwork, the properties specified will generally be appropriate for use when preparing other material surfaces, or components, using blast-cleaning techniques. These techniques are described in ISO 8504-2.

SIST EN ISO 11124-3:2018 SIST EN ISO 11124-3:1997
2018-12 (po) (en;fr;de) 16 str. (D)
Priprava jeklenih podlag pred nanašanjem barv in sorodnih premazov - Specifikacije za kovinske granulate za peskanje - 3. del: Kroglice (shot) in sekanci (grit) iz visokoogljičnega litega jekla (ISO 11124-3:2018)
Preparation of steel substrates before application of paints and related products - Specifications for metallic blast-cleaning abrasives - Part 3: High-carbon cast-steel shot and grit (ISO 11124-3:2018)
Osnova: EN ISO 11124-3:2018
ICS: 25.220.10, 87.020

This document specifies requirements for 14 grades of high-carbon cast-steel shot and 11 grades of high-carbon cast-steel grit, as supplied for blast-cleaning processes. Values are specified for hardness, density, defect/structural requirements and chemical composition.
The requirements specified in this document apply to abrasives supplied in the "new" condition only. They do not apply to abrasives either during or after use.
Test methods for metallic blast-cleaning abrasives are given in the various parts of ISO 11125. High-carbon cast-steel shot and grit are used in both static and site blasting equipment. They are most often selected where a facility exists for the recovery and re-use of the abrasive.
NOTE 1 Information on commonly referenced national standards for metallic abrasives and their approximate relationship with ISO 11124 is given in Annex A.
NOTE 2 Although this document has been developed specifically to meet requirements for preparation of steelwork, the properties specified will generally be appropriate for use when preparing other

material surfaces, or components, using blast-cleaning techniques. These techniques are described in ISO 8504-2.

SIST EN ISO 11124-4:2018 SIST EN ISO 11124-4:1997
2018-12 (po) (en;fr;de) 14 str. (D)
Priprava jeklenih podlag pred nanašanjem barv in sorodnih premazov - Specifikacije za kovinske granulate za peskanje - 4. del: Kroglice (shot) iz nizkoogljičnega litega jekla (ISO 11124-4:2018)
Preparation of steel substrates before application of paints and related products - Specifications for metallic blast-cleaning abrasives - Part 4: Low-carbon cast-steel shot (ISO 11124-4:2018)
Osnova: EN ISO 11124-4:2018
ICS: 25.220.10, 87.020

This document specifies requirements for 12 grades of low-carbon cast-steel shot abrasive, as supplied for blast-cleaning processes. Values are specified for hardness, density, defect/structural requirements and chemical composition.
The requirements specified in this document apply to abrasives supplied in the "new" condition only. They do not apply to abrasives either during or after use.
Test methods for metallic blast-cleaning abrasives are given in the various parts of ISO 11125. Low-carbon cast-steel shot abrasives are used in both static and site blasting equipment. They are most often selected where a facility exists for recovery and re-use of the abrasive.
NOTE 1 Information on commonly referenced national standards for metallic abrasives and their approximate relationship with ISO 11124 is given in Annex A.
NOTE 2 Although this document has been developed specifically to meet requirements for preparation of steelwork, the properties specified will generally be appropriate for use when preparing other material surfaces, or components, using blast-cleaning techniques. These techniques are described in ISO 8504-2.

SIST EN ISO 11125-1:2018 SIST EN ISO 11125-1:1997
2018-12 (po) (en;fr;de) 14 str. (D)
Priprava jeklenih podlag pred nanašanjem barv in sorodnih premazov - Preskusne metode za kovinske granulate za peskanje - 1. del: Vzorčenje (ISO 11125-1:2018)
Preparation of steel substrates before application of paints and related products - Test methods for metallic blast-cleaning abrasives - Part 1: Sampling (ISO 11125-1:2018)
Osnova: EN ISO 11125-1:2018
ICS: 25.220.10, 87.020

This document specifies a method for the sampling of metallic blast-cleaning abrasives from consignments and for the subdivision of the sample into quantities suitable for undertaking the appropriate test methods specified in other parts of ISO 11125.
This is one of a number of parts of ISO 11125 dealing with the sampling and testing of metallic abrasives for blast-cleaning.
The types of metallic abrasive and requirements for each are contained in the various parts of ISO 11124.
The ISO 11124 and ISO 11125 series have been drafted as a coherent set of International Standards on metallic blast-cleaning abrasives. Information on all parts of both series is given in Annex A.

SIST EN ISO 11125-2:2018 SIST EN ISO 11125-2:1997
2018-12 (po) (en;fr;de) 12 str. (C)
Priprava jeklenih podlag pred nanašanjem barv in sorodnih premazov - Preskusne metode za kovinske granulate za peskanje - 2. del: Ugotavljanje porazdelitve velikosti delcev (ISO 11125-2:2018)
Preparation of steel substrates before application of paints and related products - Test methods for metallic blast-cleaning abrasives - Part 2: Determination of particle size distribution (ISO 11125-2:2018)
Osnova: EN ISO 11125-2:2018
ICS: 25.220.10, 87.020

This document specifies a test method for the determination of particle size distribution of metallic blast-cleaning abrasives by sieving.
This is one of a number of parts of ISO 11125 dealing with the sampling and testing of metallic abrasives for blast-cleaning.
The types of metallic abrasive and requirements on each are contained in the various parts of ISO 11124. The ISO 11124 and ISO 11125 series have been drafted as a coherent set of International Standards on metallic blast-cleaning abrasives. Information on all parts of both series is given in Annex A.

SIST EN ISO 11125-3:2018 SIST EN ISO 11125-3:1997
2018-12 (po) (en;fr;de) 12 str. (C)
Priprava jeklenih podlag pred nanašanjem barv in sorodnih premazov - Preskusne metode za kovinske granulate za peskanje - 3. del: Ugotavljanje trdote (ISO 11125-3:2018)
Preparation of steel substrates before application of paints and related products - Test methods for metallic blast-cleaning abrasives - Part 3: Determination of hardness (ISO 11125-3:2018)
Osnova: EN ISO 11125-3:2018
ICS: 25.220.10, 87.020

This document specifies a test method for the determination of the Vickers hardness of metallic blastcleaning abrasives.
This method is not recommended for the testing of particle sizes below 0,3 mm.
NOTE Accurate testing of particles below 0,3 mm (grades S040/G050) is extremely difficult.
This is one of a number of parts of ISO 11125 dealing with the sampling and testing of metallic abrasives for blast-cleaning.
The types of metallic abrasive and requirements on each are contained in the various parts of ISO 11124.
The ISO 11124 and ISO 11125 series have been drafted as a coherent set of International Standards on metallic blast-cleaning abrasives. Information on all parts of both series is given in Annex A.

SIST EN ISO 11125-4:2018 SIST EN ISO 11125-4:1997
2018-12 (po) (en;fr;de) 12 str. (C)
Priprava jeklenih podlag pred nanašanjem barv in sorodnih premazov - Preskusne metode za kovinske granulate za peskanje - 4. del: Ugotavljanje navidezne gostote (ISO 11125-4:2018)
Preparation of steel substrates before application of paints and related products - Test methods for metallic blast-cleaning abrasives - Part 4: Determination of apparent density (ISO 11125-4:2018)
Osnova: EN ISO 11125-4:2018
ICS: 25.220.10, 87.020

This document specifies a test method for the determination of the apparent density of metallic blastcleaning abrasives.
The purpose of the test is to establish the soundness of the metallic abrasive. Significant levels of internal shrinkage or hollow particles will reduce the apparent density.
This is one of a number of parts of ISO 11125 dealing with the sampling and testing of metallic abrasives for blast-cleaning.
The types of metallic abrasive and requirements on each are contained in the various parts of ISO 11124. The ISO 11124 and ISO 11125 series have been drafted as a coherent set of International Standards on metallic blast-cleaning abrasives. Information on all parts of both series is given in Annex A.

SIST EN ISO 11125-5:2018 SIST EN ISO 11125-5:1997
2018-12 (po) (en;fr;de) 12 str. (C)
Priprava jeklenih podlag pred nanašanjem barv in sorodnih premazov - Preskusne metode za kovinske granulate za peskanje - 5. del: Ugotavljanje odstotka poškodovanih delcev in mikrostrukture (ISO 11125-5:2018)
Preparation of steel substrates before application of paints and related products - Test methods for metallic blast-cleaning abrasives - Part 5: Determination of percentage defective particles and of microstructure (ISO 11125-5:2018)
Osnova: EN ISO 11125-5:2018
ICS: 25.220.10, 87.020

This document specifies test methods for the determination of the percentage of defective particles and of the microstructure of metallic blast-cleaning abrasives.
This is one of a number of parts of ISO 11125 dealing with the sampling and testing of metallic abrasives for blast-cleaning.
The types of metallic abrasive and requirements on each are contained in the various parts of ISO 11124. The ISO 11124 and ISO 11125 series have been drafted as a coherent set of International Standards on metallic blast-cleaning abrasives. Information on all parts of both series is given in Annex A.

SIST EN ISO 11125-6:2018 SIST EN ISO 11125-6:1997
2018-12 (po) (en;fr;de) 11 str. (C)
Priprava jeklenih podlag pred nanašanjem barv in sorodnih premazov - Preskusne metode za kovinske granulate za peskanje - 6. del: Ugotavljanje tujih delcev (ISO 11125-6:2018)
Preparation of steel substrates before application of paints and related products - Test methods for metallic blast-cleaning abrasives - Part 6: Determination of foreign matter (ISO 11125-6:2018)
Osnova: EN ISO 11125-6:2018
ICS: 25.220.10, 87.020

This document specifies a test method for the determination of foreign matter in metallic blast-cleaning abrasives.
The purpose of the test is to establish the level to which the abrasive is contaminated by foreign matter. The level of foreign matter, e.g. oxides and residual metallurgical slag, is determined by magnetic separation.
This is one of a number of parts of ISO 11125 dealing with the sampling and testing of metallic abrasives for blast-cleaning.
The types of metallic abrasive and requirements on each are contained in the various parts of ISO 11124.
The ISO 11124 and ISO 11125 series have been drafted as a coherent set of International Standards on metallic blast-cleaning abrasives. Information on all parts of both series is given in Annex A.

SIST EN ISO 11125-7:2018
2018-12 (po) (en;fr;de) 11 str. (C)
Priprava jeklenih podlag pred nanašanjem barv in sorodnih premazov - Preskusne metode za kovinske granulate za peskanje - 7. del: Ugotavljanje vlage (ISO 11125-7:2018)
Preparation of steel substrates before application of paints and related products - Test methods for metallic blast-cleaning abrasives - Part 7: Determination of moisture (ISO 11125-7:2018)
Osnova: EN ISO 11125-7:2018
ICS: 25.220.10, 87.020

This document specifies a test method for the determination of the level of free moisture present in metallic blast-cleaning abrasives. It is determined by measuring the mass lost on heating.
This is one of a number of parts of ISO 11125 dealing with the sampling and testing of metallic abrasives for blast-cleaning.

The types of metallic abrasive and requirements for each are contained in the various parts of ISO 11124.
The ISO 11124 and ISO 11125 series have been drafted as a coherent set of International Standards on metallic blast-cleaning abrasives. Information on all parts of both series is given in Annex A.

SIST EN ISO 11126-1:2018 SIST EN ISO 11126-1:1997
2018-12 (po) (en;fr;de) 14 str. (D)
Priprava jeklenih podlag pred nanašanjem barv in sorodnih premazov - Specifikacije za nekovinske granulate za peskanje - 1. del: Splošni uvod in razvrstitev (ISO 11126-1:2018)
Preparation of steel substrates before application of paints and related products - Specifications for non-metallic blast-cleaning abrasives - Part 1: General introduction and classification (ISO 11126-1:2018)
Osnova: EN ISO 11126-1:2018
ICS: 25.220.10, 87.020

This document describes a classification of non-metallic blast-cleaning abrasives for the preparation of steel substrates before application of paints and related products. It specifies the characteristics which are required for the complete designation of such abrasives. This document applies to abrasives supplied in the "new" or unused condition only. It does not apply to abrasives either during or after use.
NOTE Although this document has been developed specifically to meet requirements for preparation of steelwork, the properties specified will generally be appropriate for use when preparing other material surfaces, or components, using blast-cleaning techniques. These techniques are described in ISO 8504-2.

SIST EN ISO 11126-3:2018 SIST EN ISO 11126-3:1997
2018-12 (po) (en;fr;de) 12 str. (C)
Priprava jeklenih podlag pred nanašanjem barv in sorodnih premazov - Specifikacije za nekovinske granulate za peskanje - 3. del: Bakrova rafinirana žlindra (ISO 11126-3:2018)
Preparation of steel substrates before application of paints and related products - Specifications for non-metallic blast-cleaning abrasives - Part 3: Copper refinery slag (ISO 11126-3:2018)
Osnova: EN ISO 11126-3:2018
ICS: 25.220.10, 87.020

This document specifies requirements for copper refinery slag abrasives, as supplied for blast-cleaning processes. It specifies ranges of particle sizes and values for apparent density, Mohs hardness, moisture content, conductivity of aqueous extract and water-soluble chlorides. The requirements specified in this document apply to abrasives supplied in the "new" condition only. They do not apply to abrasives either during or after use. Test methods for non-metallic blast-cleaning abrasives are given in the various parts of ISO 11127. NOTE Although this document has been developed specifically to meet requirements for preparation of steelwork, the properties specified will generally be appropriate for use when preparing other material surfaces, or components, using blast-cleaning techniques. These techniques are described in ISO 8504-2.

SIST EN ISO 11126-4:2018 SIST EN ISO 11126-4:1998
2018-12 (po) (en;fr;de) 11 str. (C)
Priprava jeklenih podlag pred nanašanjem barv in sorodnih premazov - Specifikacije za nekovinske granulate za peskanje - 4. del: Premogova pečna žlindra (ISO 11126-4:2018)
Preparation of steel substrates before application of paints and related products - Specifications for non-metallic blast-cleaning abrasives - Part 4: Coal furnace slag (ISO 11126-4:2018)
Osnova: EN ISO 11126-4:2018
ICS: 25.220.10, 87.020

This document specifies requirements for coal furnace slag abrasives, as supplied for blast-cleaning processes. It specifies ranges of particle sizes and values for apparent density, Mohs hardness, moisture content, conductivity of aqueous extract and water-soluble chlorides. The requirements specified in this

document apply to abrasives supplied in the "new" condition only. They do not apply to abrasives either during or after use. Test methods for non-metallic blast-cleaning abrasives are given in the various parts of ISO 11127.
NOTE Although this document has been developed specifically to meet requirements for preparation of steelwork, the properties specified will generally be appropriate for use when preparing other material surfaces, or components, using blast-cleaning techniques. These techniques are described in ISO 8504-2.

SIST EN ISO 11126-5:2018 SIST EN ISO 11126-5:1998
2018-12 (po) (en;fr;de) 12 str. (C)
Priprava jeklenih podlag pred nanašanjem barv in sorodnih premazov - Specifikacije za nekovinske granulate za peskanje - 5. del: Nikljeva žlindra (ISO 11126-5:2018)
Preparation of steel substrates before application of paints and related products - Specifications for non-metallic blast-cleaning abrasives - Part 5: Nickel slag (ISO 11126-5:2018)
Osnova: EN ISO 11126-5:2018
ICS: 25.220.10, 87.020

This document specifies requirements for nickel slag abrasives, as supplied for blast-cleaning processes. It specifies ranges of particle sizes and values for apparent density, Mohs hardness, moisture content, conductivity of aqueous extract and water-soluble chlorides.
The requirements specified in this document apply to abrasives supplied in the "new" condition only. They do not apply to abrasives either during or after use.
Test methods for non-metallic blast-cleaning abrasives are given in the various parts of ISO 11127.
NOTE Although this document has been developed specifically to meet requirements for preparation of steelwork, the properties specified will generally be appropriate for use when preparing other material surfaces, or components, using blast-cleaning techniques. These techniques are described in ISO 8504-2.

SIST EN ISO 11126-6:2018 SIST EN ISO 11126-6:1997
2018-12 (po) (en;fr;de) 12 str. (C)
Priprava jeklenih podlag pred nanašanjem barv in sorodnih premazov - Specifikacije za nekovinske granulate za peskanje - 6. del: Železova in jeklova žlindra (ISO 11126-6:2018)
Preparation of steel substrates before application of paints and related products - Specifications for non-metallic blast-cleaning abrasives - Part 6: Iron and steel slags (ISO 11126-6:2018)
Osnova: EN ISO 11126-6:2018
ICS: 25.220.10, 87.020

This document specifies requirements for iron and steel slag abrasives, as supplied for blast-cleaning processes. It specifies ranges of particle sizes and values for apparent density, Mohs hardness, moisture content, conductivity of aqueous extract and water-soluble chlorides.
The requirements specified in this document apply to abrasives supplied in the "new" condition only. They do not apply to abrasives either during or after use.
Test methods for non-metallic blast-cleaning abrasives are given in the various parts of ISO 11127.
NOTE Although this document has been developed specifically to meet requirements for preparation of steelwork, the properties specified will generally be appropriate for use when preparing other material surfaces, or components, using blast-cleaning techniques. These techniques are described in ISO 8504-2.

SIST EN ISO 11126-7:2018 SIST EN ISO 11126-7:2000
2018-12 (po) (en;fr;de) 12 str. (C)
Priprava jeklenih podlag pred nanašanjem barv in sorodnih premazov - Specifikacije za nekovinske granulate za peskanje - 7. del: Elektrokorund (ISO 11126-7:2018)
Preparation of steel substrates before application of paints and related products - Specifications for non-metallic blast-cleaning abrasives - Part 7: Fused aluminium oxide (ISO 11126-7:2018)
Osnova: EN ISO 11126-7:2018
ICS: 25.220.10, 87.020

This document specifies requirements for fused aluminium oxide abrasives, as supplied for blastcleaning processes. It specifies ranges of particle sizes and values for apparent density, bulk density, Mohs hardness, moisture content, conductivity of aqueous extract and water-soluble chlorides. The requirements specified in this document apply to abrasives supplied in the "new" condition only. They do not apply to abrasives either during or after use.
Test methods for non-metallic blast-cleaning abrasives are given in the various parts of ISO 11127.
NOTE 1 Information on commonly referenced national and international standards is given in Bibliography.
NOTE 2 Although this document has been developed specifically to meet requirements for preparation of steelwork, the properties specified will generally be appropriate for use when preparing other material urfaces, or components, using blast-cleaning techniques. These techniques are described in ISO 8504-2.

SIST EN ISO 11126-8:2018 SIST EN ISO 11126-8:1997
2018-12 (po) (en;fr;de) 11 str. (C)
Priprava jeklenih podlag pred nanašanjem barv in sorodnih premazov - Specifikacije za nekovinske granulate za peskanje - 8. del: Olivinski pesek (ISO 11126-8:2018)
Preparation of steel substrates before application of paints and related products - Specifications for non-metallic blast-cleaning abrasives - Part 8: Olivine (ISO 11126-8:2018)
Osnova: EN ISO 11126-8:2018
ICS: 25.220.10, 87.020

This document specifies requirements for olivine abrasives, as supplied for blast-cleaning processes. It specifies ranges of particle sizes and values for apparent density, Mohs hardness, moisture content, conductivity of aqueous extract and water-soluble chlorides. The requirements specified in this document apply to abrasives supplied in the "new" condition only. They do not apply to abrasives either during or after use. Test methods for non-metallic blast-cleaning abrasives are given in the various parts of ISO 11127.
NOTE Although this document has been developed specifically to meet requirements for preparation of steelwork, the properties specified will generally be appropriate for use when preparing other material surfaces, or components, using blast-cleaning techniques. These techniques are described in ISO 8504-2.

SIST EN ISO 2812-5:2018 SIST EN ISO 2812-5:2007
2018-12 (po) (en;fr;de) 14 str. (D)
Barve in laki - Ugotavljanje odpornosti proti tekočinam - 5. del: Metoda s pečjo s temperaturnim gradientom (ISO 2812-5:2018)
Paints and varnishes - Determination of resistance to liquids - Part 5: Temperature-gradient oven method (ISO 2812-5:2018)
Osnova: EN ISO 2812-5:2018
ICS: 87.040

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

SIST EN ISO 7783:2018 SIST EN ISO 7783:2012
2018-12 (po) (en) 26 str. (F)
Barve in laki - Ugotavljanje prepustnosti vodne pare - Metoda s čašo (ISO 7783:2018)
Paints and varnishes - Determination of water-vapour transmission properties - Cup method (ISO 7783:2018)
Osnova: EN ISO 7783:2018
ICS: 87.040

This document specifies a method for determining the water-vapour transmission properties of coatings of paints, varnishes and related products.
It supplements ISO 12572. As far as possible, the procedure, the definitions and the calculations have been taken over from ISO 12572. ISO 12572 can be consulted, if necessary, to obtain a better understanding of the procedure specified in this document.
Water-vapour transmission rates of more than 680 g/(m2·d) (i.e. water-vapour diffusion-equivalent air layer thicknesses, sd, of less than 0,03 m) are not accurately quantified by the test method described in this document.

SIST/TC IEKA Električni kabli

SIST EN 60811-501:2012/A1:2018
2018-12 (po) (en) 5 str. (B)
Električni in optični kabli - Preskuševalne metode za nekovinske materiale - 501. del: Mehanski preskusi - Preskusi za ugotavljanje mehanskih lastnosti zmesi za izolacije in oplaščenja - Dopolnilo A1 (IEC 60811-501:2012/A1:2018)
Electric and optical fibre cables - Test methods for non-metallic materials - Part 501: Mechanical tests - Tests for determining the mechanical properties of insulating and sheathing compounds (IEC 60811-501:2012/A1:2018)
Osnova: EN 60811-501:2012/A1:2018
ICS: 29.060.20, 29.035.01

Dopolnilo A1:2018 je dodatek k standardu SIST EN 60811-501:2012.
501. del standarda IEC 60811 navaja postopek za določanje mehanskih lastnosti, ki se običajno uporablja za zamrežene in termoplastične zmesi za izolacije in plašče.

SIST EN IEC 60332-3-10:2018 SIST EN 60332-3-10:2010
2018-12 (po) (en) 24 str. (F)
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 (IEC 60332-3-10:2018)
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 (IEC 60332-3-10:2018)
Osnova: EN IEC 60332-3-10:2018
ICS: 29.060.20, 13.220.40

This part of IEC 60332 details the apparatus and its arrangement and calibration for methods of test for the assessment of vertical flame spread of vertically-mounted bunched wires or cables, electrical or optical, under defined conditions.
NOTE For the purpose of this document the term “electric wire or cable” covers all insulated metallic conductor cables used for the conveyance of energy or signals.

SIST EN IEC 60332-3-21:2018 SIST EN 60332-3-21:2010
2018-12 (po) (en) 16 str. (D)
Preskusi na električnih kablih in kablih iz optičnih vlaken v požarnih razmerah - 3-21. del: Preskus navpičnega širjenja ognja po navpično pritrjenih snopih žic ali kablov - Kategorija A F/R (IEC 60332-3-21:2018)
Tests on electric and optical fibre cables under fire conditions - Part 3-21: Test for vertical flame spread of vertically-mounted bunched wires or cables - Category A F/R (IEC 60332-3-21:2018)
Osnova: EN IEC 60332-3-21:2018
ICS: 29.060.20, 13.220.40

This part of IEC 60332 covers category A F/R for methods of test for the assessment of vertical flame spread of vertically-mounted bunched wires or cables, under defined conditions.

This document relates only to power cables of conductor cross-sectional area greater than 35 mm2 installed on the test ladder in a spaced configuration on the front and rear to achieve a nominal total volume of non-metallic material of 7 l/m of test sample. The flame application time is 40 min. This method of mounting is intended for special cable designs used in particular installations when required in the cable specification. Category A F/R is not intended for general use.
The test is intended for type approval testing. The requirements for the selection of cables for testing are given in Annex A. The flame spread is measured as the extent of damage of the cable sample. This procedure can be used to demonstrate the cable's ability to limit flame spread.
A recommended performance requirement is given in Annex B.
NOTE For the purposes of this document the term "electric wire or cable" covers all insulated metallic conductor cables used for the conveyance of energy or signals.

SIST EN IEC 60332-3-22:2018 SIST EN 60332-3-22:2010
2018-12 (po) (en) 17 str. (E)
Preskusi na električnih kablih in kablih iz optičnih vlaken v požarnih razmerah - 3-22. del: Preskus navpičnega širjenja ognja po navpično pritrjenih snopih žic ali kablov - Kategorija A (IEC 60332-3-22:2018)
Tests on electric and optical fibre cables under fire conditions - Part 3-22: Test for vertical flame spread of vertically-mounted bunched wires or cables - Category A (IEC 60332-3-22:2018)
Osnova: EN IEC 60332-3-22:2018
ICS: 29.060.20, 13.220.40

This part of IEC 60332 covers category A for methods of test for the assessment of vertical flame spread of vertically mounted bunched wires or cables, electrical or optical, under defined conditions. This document relates to cables installed on the test ladder to achieve a nominal total volume of non-metallic material of 7 l/m of test sample. The flame application time is 40 min. The method of mounting uses the front of the ladder, a standard or wide ladder being used for cables having a conductor cross-section greater than 35 mm2 according to the number of test pieces required, and a standard ladder for conductor cross-sections 35 mm2 and smaller. The category is intended for general use where high volumes of non-metallic material are required to be evaluated.
The test is intended for type approval testing. The requirements for the selection of cables for testing are given in Annex A. The flame spread is measured as the extent of damage of the cable sample. This procedure can be used to demonstrate the cable's ability to limit flame spread.
A recommended performance requirement is given in Annex B.
NOTE For the purposes of this document the term "electric wire or cable" covers all insulated metallic conductor cables used for the conveyance of energy or signals.

SIST EN IEC 60332-3-23:2018 SIST EN 60332-3-23:2010
2018-12 (po) (en) 17 str. (E)
Preskusi na električnih kablih in kablih iz optičnih vlaken v požarnih razmerah - 3-23. del: Preskus navpičnega širjenja ognja po navpično pritrjenih snopih žic ali kablov - Kategorija B (IEC 60332-3-23:2018)
Tests on electric and optical fibre cables under fire conditions - Part 3-23: Test for vertical flame spread of vertically-mounted bunched wires or cables - Category B (IEC 60332-3-23:2018)
Osnova: EN IEC 60332-3-23:2018
ICS: 29.060.20, 13.220.40

This part of IEC 60332 covers category B for methods of test for the assessment of vertical flame spread of vertically-mounted bunched wires or cables, electrical or optical, under defined conditions.
This document relates to cables installed on the test ladder to achieve a nominal total volume of non-metallic material of 3,5 l/m of test sample. The flame application time is 40 min. The method of mounting uses the front of the standard ladder. The category is intended for general use where medium volumes of non-metallic material are required to be evaluated.

The test is intended for type approval testing. The requirements for the selection of cables for testing are given in Annex A. The flame spread is measured as the extent of damage of the cable sample. This procedure can be used to demonstrate the cable's ability to limit flame spread.
A recommended performance requirement is given in Annex B.
NOTE For the purposes of this document, the term "electric wire or cable" covers all insulated metallic conductor cables used for the conveyance of energy or signals.

SIST EN IEC 60332-3-24:2018 SIST EN 60332-3-24:2010
2018-12 (po) (en) 17 str. (E)
Preskusi na električnih kablih in kablih iz optičnih vlaken v požarnih razmerah - 3-24. del: Preskus navpičnega širjenja ognja po navpično pritrjenih snopih žic ali kablov - Kategorija C (IEC 60332-3-24:2018)
Tests on electric and optical fibre cables under fire conditions - Part 3-24: Test for vertical flame spread of vertically-mounted bunched wires or cables - Category C (IEC 60332-3-24:2018)
Osnova: EN IEC 60332-3-24:2018
ICS: 29.060.20, 13.220.40

This part of IEC 60332 covers category C for methods of test for the assessment of vertical flame spread of vertically mounted bunched wires or cables, electrical or optical, under defined conditions.
This document relates to cables installed on the test ladder to achieve a nominal total volume of non-metallic material of 1,5 l/m of test sample. The flame application time is 20 min. The method of mounting uses the front of the standard ladder. The category is intended for general use where low volumes of non-metallic material are required to be evaluated.
The test is intended for type approval testing. The requirements for the selection of cables for testing are given in Annex A. The flame spread is measured as the extent of damage of the cable sample. This procedure can be used to demonstrate the cable's ability to limit flame spread.
A recommended performance requirement is given in Annex B.
NOTE For the purposes of this document the term "electric wire or cable" covers all insulated metallic conductor cables used for the conveyance of energy or signals.

SIST EN IEC 60332-3-25:2018 SIST EN 60332-3-25:2010
2018-12 (po) (en) 16 str. (D)
Preskusi na električnih kablih in kablih iz optičnih vlaken v požarnih razmerah - 3-25. del: Preskus navpičnega širjenja ognja po navpično pritrjenih snopih žic ali kablov - Kategorija D (IEC 60332-3-25:2018)
Tests on electric and optical fibre cables under fire conditions - Part 3-25: Test for vertical flame spread of vertically-mounted bunched wires or cables - Category D (IEC 60332-3-25:2018)
Osnova: EN IEC 60332-3-25:2018
ICS: 29.060.20, 13.220.40

This part of IEC 60332 covers category D for methods of test for the assessment of vertical flame spread of vertically mounted bunched wires or cables, electrical or optical, under defined conditions.
This document relates only to small cables of overall diameter 12 mm or smaller and crosssection of 35 mm2 or smaller installed on the test ladder to achieve a nominal total volume of non-metallic material of 0,5 l/m of test sample. The flame application time is 20 min. The method of mounting uses the front of the standard ladder in touching formation only. The category is intended for use with small cables where very low volumes of non-metallic material are required to be evaluated.
The test is intended for type approval testing. The requirements for the selection of cables for testing are given in Annex A. The flame spread is measured as the extent of damage of the cable sample. This procedure can be used to demonstrate the cable's ability to limit flame spread.
A recommended performance requirement is given in Annex B.
NOTE For the purposes of this document the term "electric wire or cable" covers all insulated metallic conductor cables used for the conveyance of energy or signals.

SIST IEC 60840:2018
2018-12 (po) (en,fr) 67 str. (K)
Elektroenergetski kabli z ekstrudirano izolacijo in njihov pribor za naznačene napetosti nad 30 kV (Um = 36 kV) do 150 kV (Um = 170 kV) - Preskusne metode in zahteve
Power cables with extruded insulation and their accessories for rated voltages above 30 kV (Um = 36 kV) up to 150 kV (Um = 170 kV) - Test methods and requirements
Osnova: IEC 60840
ICS: 29.060.20

IEC 60840:2011 specifies test methods and requirements for power cable systems, cables alone and accessories alone, for fixed installations and for rated voltages above 30 kV up to and including 150 kV. The requirements apply to single-core cables and to individually screened three-core cables and to their accessories for usual conditions of installation and operation, but not to special cables and their accessories, such as submarine cables, for which modifications to the standard tests may be necessary or special test conditions may need to be devised. This standard does not cover transition joints between cables with extruded insulation and paper insulated cables. The significant technical change with respect to the previous edition is as follows:- introduction of a prequalification test procedure for cables with high electrical stresses and tested as a cable system including accessories.
NOTE: For a more detailed history of events leading up to this fourth edition, see the Introduction.

SIST/TC IESV Električne svetilke

SIST EN 62442-1:2012/A11:2018
2018-12 (po) (en) 5 str. (B)
Energijske lastnosti krmilne naprave sijalke - 1. del: Krmilna naprava za fluorescentne sijalke - Merilna metoda za ugotavljanje celotne vhodne moči krmilnih vezij in izkoristka krmilne naprave - Dopolnilo A11
Energy performance of lamp controlgear - Part 1: Controlgear for fluorescent lamps - Method of measurement to determine the total input power of controlgear circuits and the efficiency of the controlgear
Osnova: EN 62442-1:2011/A11:2017
ICS: 29.140.99

Dopolnilo A11:2018 je dodatek k standardu SIST EN 62442-1:2012.
Ta del IEC 62442 določa merilno in računsko metodo za ugotavljanje celotne vhodne moči za krmilna vezja sijalk, kadar delujejo s povezanimi fluorescenčnimi sijalkami. Prav tako je določena računska metoda za učinkovitost krmilne naprave sijalke. Ta mednarodni standard velja za električne krmilne naprave vezij sijalk, sestavljenih samo iz krmilne naprave in sijalk(-e). Namenjen je za uporabo pri izmenični napetosti, nižji od 1000 V, pri 50 Hz ali 60 Hz.

SIST EN IEC 62386-221:2018
2018-12 (po) (en) 18 str. (E)
Digitalni naslovljivi vmesnik za razsvetljavo - 221. del: Posebne zahteve za krmilja - Odziv na porabo (naprava tipa 20) (IEC 62386-221:2018)
Digital addressable lighting interface - Part 221: Particular requirements for control gear - Demand Response (device type 20) (IEC 62386-221:2018)
Osnova: EN IEC 62386-221:2018
ICS: 35.200, 29.140.50

IEC 62386-221:2018 specifies the methodology of demand response which focuses on the curtailment of electric loads during peak demand times thus avoiding the requirement to find new sources of generation capacity. By using load shedding, the lighting system responds to the demands of the energy supply.
This document is applicable to control gear supporting the demand response functionality.

SIST/TC IFEK Železne kovine

SIST EN 10164:2018 SIST EN 10164:2005
2018-12 (po) (en;fr;de) 16 str. (D)
Jekleni izdelki z izboljšanimi deformacijskimi lastnostmi, pravokotno na površino izdelka - Tehnični dobavni pogoji
Steel products with improved deformation properties perpendicular to the surface of the product - Technical delivery conditions
Osnova: EN 10164:2018
ICS: 77.140.01

This European Standard specifies through thickness properties and associated test methods for flat products and sections of steel.
This document may be applied as a supplement to all product standards for flat products and sections of fully killed steels, except stainless steels. It covers products having a thickness between 15 mm and 400 mm inclusive of steels with a specified minimum upper yield strength ReH or proof strength Rp0,2 ≤ 960 MPa) for which improved through thickness properties are required.
The application of this document to other steel types shall be the subject of agreement at the time of the order.
The application of this document to products with thickness between 10 mm ≤ t <15 mm shall be the subject of agreement at the time of the order. See option 1.
The application of this document to products with thickness t > 400 mm shall be the subject of agreement at the time of the order. See option 3.

SIST-TP CEN/TR 10261:2018 SIST-TP CEN/TR 10261:2013
2018-12 (po) (en;fr;de) 34 str. (H)
Železo in jeklo - Evropski standardi za določevanje kemijske sestave
Iron and steel - European standards for the determination of chemical composition
Osnova: CEN/TR 10261:2018
ICS: 77.080.01, 77.040.30

This document lists, under Clause 3, the European Standards which are currently available for the determination of the chemical composition of steels and cast irons.
In Clause 4, this Technical Report provides details on the range of application and gives the principle of the method for each standard.
Annex A gives a list of other European Standards and CEN Technical Reports applicable for the determination of the chemical composition of steels and cast irons.
Annex B gives a list of withdrawn Euronorms, together with the corresponding replacement European Standards, if any.
Annex C shows graphical representations of the content ranges of the methods available in this Technical Report. Figure C.1 gives the content ranges of the referee methods, Figure C.2 gives the content ranges of the routine methods and Figure C.3 represents the fields of application of all the methods available.
Annex D provides a trilingual key of the abbreviations used in the Figures given in Annex C.
NOTE Three methods applicable for the analysis of some ferro-alloys are listed in Annex A.

SIST/TC IHPV Hidravlika in pnevmatika

SIST EN 12516-1:2015+A1:2018 SIST EN 12516-1:2015
2018-12 (po) (en;fr;de) 202 str. (S)
Industrijski ventili - Trdnost ohišja - 1. del: Tabelarična metoda za ohišja jeklenih ventilov
Industrial valves - Shell design strength - Part 1: Tabulation method for steel valve shells
Osnova: EN 12516-1:2014+A1:2018
ICS: 23.060.01

This European Standard specifies the tabulation method for determining the wall thickness of valve bodies, bonnets and covers with essentially circular cross-section made in forged, cast or fabricated steel.
For valve shells with oval, rectangular or non-circular shapes, see 8.6.
The range of PN or Class designations for which thicknesses are tabulated is:
PN 2,5, PN 6, PN 10, PN 16, PN 25, PN 40, PN 63, PN 100, PN 160, PN 250, PN 320, PN 400, Class 150, Class 300,Class 600, Class 900, Class 1 500, Class 2 500, Class 4 500.
Pressure/temperature ratings are specified for each material group for the above PN Standard Class and Special Class designations.
The non-destructive examination procedures and acceptance levels that need to be applied to the valve shell components in order for the valve to be used at Special Class pressure/temperature ratings are defined.
Details are also given for the alternative rules for small bore valves of DN 65 and smaller designated as Limited Class.
This standard does not apply to threaded end valves:
- DN 80 or larger;
- or which have pressure ratings greater than Class 2 500;
- or which operate at temperatures greater than 540 °C.
Socket welding end valves DN 80 or larger are outside the scope of this standard.

SIST EN 12516-4:2015+A1:2018 SIST EN 12516-4:2015
2018-12 (po) (en;fr;de) 21 str. (F)
Industrijski ventili - Trdnost ohišja - 4. del: Metoda za izračun ohišij ventilov iz nejeklenih kovinskih materialov
Industrial valves - Shell design strength - Part 4: Calculation method for valve shells manufactured in metallic materials other than steel
Osnova: EN 12516-4:2014+A1:2018
ICS: 23.060.01

This European Standard specifies the calculation method for valve shells manufactured in metallic materials other than steel. The loadings to be accounted for are in accordance with EN 12516-2.
Design methods are in accordance with EN 12516-2, design by formulae according to the relevant clauses.

SIST/TC IKER Keramika

SIST EN ISO 10545-2:2018 SIST EN ISO 10545-2:1998
2018-12 (po) (en) 20 str. (E)
Keramične ploščice - 2. del: Mere in kakovost površine (ISO 10545-2:2018)
Ceramic tiles - Part 2: Determination of dimensions and surface quality (ISO 10545-2:2018)
Osnova: EN ISO 10545-2:2018
ICS: 91.100.23

This document specifies methods for determining the dimensional characteristics (length, width, thickness, straightness of sides, rectangularity, surface flatness) and the surface quality of ceramic tiles. Tiles with areas less than 4 cm2 are excluded from measurements of length, width, straightness of sides, rectangularity and surface flatness.
NOTE Spacer lugs and glaze blobs and other irregularities of the sides are intended to be ignored when measuring length, width, straightness of sides, rectangularity, if these are subsequently hidden in the joints after fixing (installation).

SIST/TC IMKG Mehanizacija za kmetijstvo in gozdarstvo

SIST EN 12733:2018 SIST EN 12733:2001+A1:2009
2018-12 (po) (en) 92 str. (M)
Kmetijski in gozdarski stroji - Ročno upravljane motorne kosilnice - Varnost
Agricultural and forestry machinery - Pedestrian controlled motor mowers - Safety
Osnova: EN 12733:2018
ICS: 65.060.70

This European Standard specifies safety requirements and their verification for design and construction of pedestrian controlled motor mowers with rotary or reciprocating cutting blades used in agricultural, forestry and landscaping to cut and/or mulch grass or similar plants or scrub and woody vegetation. For the purposes of this standard the following types of pedestrian controlled machines are considered to be motor mowers:
- flail mowers;
- grassland mowers;
- scrub clearing machines;
- sickle bar mowers.
This standard applies also to multipurpose machines when are used for cutting or mulching grass or scrub. This standard does not cover lawn mowers (see EN 836), engine driven brush cutters and grass trimmers (see EN ISO 11806) or other lawn maintenance equipment.
This standard describes methods for the elimination or reduction of hazards arising from the use of motor mowers. Additionally, it specifies the type of information to be provided by the manufacturer on safe working practices.
Environmental aspects have not been considered in this standard.
This standard applies primarily to machines which are manufactured after the date of issue of the standard.

SIST/TC INEK Neželezne kovine

SIST EN 485-2:2016+A1:2018 SIST EN 485-2:2016
2018-12 (po) (en;fr;de) 97 str. (M)
Aluminij in aluminijeve zlitine - Pločevina, trakovi in plošče - 2. del: Mehanske lastnosti
Aluminium and aluminium alloys - Sheet, strip and plate - Part 2: Mechanical properties
Osnova: EN 485-2:2016+A1:2018
ICS: 77.150.10

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

SIST EN ISO 2085:2018 SIST EN ISO 2085:2011
2018-12 (po) (en) 10 str. (C)
Anodizacija aluminija in aluminijevih zlitin - Kontrola zveznosti tanke anodizirane plasti - Preskus z bakrovim sulfatom (ISO 2085:2018)
Anodizing of aluminium and its alloys - Check for continuity of thin anodic oxidation coatings - Copper sulfate test (ISO 2085:2018)
Osnova: EN ISO 2085:2018
ICS: 77.120.10, 25.220.20

This document specifies a method for checking the continuity of thin anodic oxidation coatings on aluminium and its alloys by a copper sulfate contact test.
The use of this method is limited to anodic oxidation coatings of thickness less than 5 µm or coatings that have been deformed, which includes those produced by coil anodizing techniques.
NOTE The method described enables a rapid check to be made for the continuity of a thin coating of aluminium oxidation on aluminium and its alloys. In cases of doubt regarding a visible fault on the surface of a coating, the use of this method makes it possible to verify whether the fault corresponds to a local gap in the coating that exposes bare metal.

SIST EN ISO 6581:2018 SIST EN ISO 6581:2010
2018-12 (po) (en) 12 str. (C)
Anodizacija aluminija in aluminijevih zlitin - Primerjalno ugotavljanje obstojnosti barvnih anodno oksidiranih prevlek pri ultravijolični svetlobi in toploti (ISO 6581:2018)
Anodizing of aluminium and its alloys - Determination of the comparative fastness to ultraviolet light and heat of coloured anodic oxidation coatings (ISO 6581:2018)
Osnova: EN ISO 6581:2018
ICS: 77.120.10, 25.220.20

This document specifies a comparative method for the determination of the fastness of coloured anodic oxidation coatings to ultraviolet (UV) light and heat.
The method is not suitable for testing coloured anodic oxidation coatings that are heat sensitive.
NOTE Dark-coloured test specimens will normally reach the highest temperatures.

SIST EN ISO 8251:2018 SIST EN ISO 8251:2012
2018-12 (po) (en) 38 str. (H)
Anodizacija aluminija in aluminijevih zlitin - Meritve obrabne obstojnosti anodno oksidiranih prevlek (ISO 8251:2018)
Anodizing of aluminium and its alloys - Measurement of abrasion resistance of anodic oxidation coatings (ISO 8251:2018)
Osnova: EN ISO 8251:2018
ICS: 77.120.10, 25.220.20

This document specifies the following tests:
a) abrasive-wheel-wear test, determining the abrasion resistance of anodic oxidation coatings with abrasive wheel on flat specimens of aluminium and its alloys;
b) abrasive jet test, determining the comparative abrasion resistance of anodic oxidation coatings with jet of abrasive particles on anodic oxidation coatings of aluminium and its alloys;
c) falling sand abrasion test, determining the abrasion resistance of anodic oxidation coatings with falling sand on thin anodic oxidation coatings of aluminium and its alloys.
The use of abrasive-wheel-wear test and abrasive jet test for coatings produced by hard anodizing is described in ISO 10074.

SIST EN ISO 8993:2018 SIST EN ISO 8993:2010
2018-12 (po) (en) 19 str. (E)
Anodizacija aluminija in aluminijevih zlitin - Ocenjevalni sistem za vrednotenje jamičaste korozije - Tabelarična metoda (ISO 8993:2018)
Anodizing of aluminium and its alloys - Rating system for the evaluation of pitting corrosion - Chart method (ISO 8993:2018)
Osnova: EN ISO 8993:2018
ICS: 77.120.10, 25.220.20

This document specifies a chart rating system based on standard charts that provides a means of defining levels of performance of anodic oxidation coatings on aluminium and its alloys that have been subjected to corrosion tests.

This rating system is applicable to pitting corrosion resulting from
— accelerated tests,
— exposure to corrosive environments, and
— practical service tests.
This document takes into account only pitting corrosion resulting from penetration of the protective anodic oxidation coating.
NOTE ISO 8994[1] describes a similar rating system based on defined grids.

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

SIST EN 13310:2015+A1:2018 SIST EN 13310:2015
2018-12 (po) (en;fr;de) 26 str. (F)
Kuhinjska korita - Funkcionalne zahteve in preskusne metode
Kitchen sinks - Functional requirements and test methods
Osnova: EN 13310:2015+A1:2018
ICS: 97.040.10

This European Standard specifies the functional requirements of and test methods for kitchen sinks for domestic purposes, which ensure that the product, when installed in accordance with the manufacturers' instructions, gives satisfactory performance.
NOTE 1 For the purposes of this standard, the term "domestic purposes" includes use in hotels, accommodation for students, hospitals and similar buildings.
This document does not specify aesthetic requirements and the overall dimensions of kitchen sinks.
It does not apply to industrial kitchen sinks.
NOTE 2 All drawings are examples only; other forms are permissible.

SIST EN 13407:2015+A1:2018 SIST EN 13407:2015
2018-12 (po) (en;fr;de) 28 str. (G)
Zidni pisoar - Funkcionalne zahteve in preskusne metode
Wall-hung urinals - Functional requirements and test methods
Osnova: EN 13407:2015+A1:2018
ICS: 91.140.70

This European Standard specifies constructional and performance requirements together with test methods for wall-hung urinals made of vitreous china or stainless steel that are used for personal hygiene.
This European Standard does not apply to slab and stall urinals nor to waterless urinals.

SIST EN 14055:2018 SIST EN 14055:2011+A1:2015
2018-12 (po) (en;fr;de) 48 str. (I)
Izplakovalniki stranišč in pisoarjev
WC and urinal flushing cisterns
Osnova: EN 14055:2018
ICS: 91.140.70

This European Standard specifies design, performance requirements and the test methods for WC and urinal flushing cisterns with flushing mechanism, inlet valve and overflow.
This document covers flushing cisterns designed to be connected to drinking water installations inside buildings.
This standard does not cover automatic valveless siphon flushing cisterns for flushing urinals.
NOTE Flushing cisterns for one-piece WCs and close-coupled suites are covered by EN 997.

SIST EN 14296:2015+A1:2018 SIST EN 14296:2015
2018-12 (po) (en;fr;de) 18 str. (E)
Sanitarna oprema - Skupinska umivalna korita
Sanitary appliances - Communal washing troughs
Osnova: EN 14296:2015+A1:2018
ICS: 91.140.70

This document specifies requirements for the cleanability, load resistance and durability of communal washing troughs used for domestic purposes.
NOTE For the purposes of this document, the term "domestic purposes" includes use in factory changing-rooms, sportsclubs, accommodation for students, hospitals and similar buildings, except when special medical provisions are required.

SIST EN 14528:2015+A1:2018 SIST EN 14528:2015
2018-12 (po) (en;fr;de) 15 str. (D)
Bideji - Funkcionalne zahteve in preskusne metode
Bidets - Functional requirements and test methods
Osnova: EN 14528:2015+A1:2018
ICS: 91.140.70

This European Standard specifies the functional requirements and test methods for bidets used for domestic purposes and made from either ceramics or stainless steel.
All drawings are examples only, other forms are permissible.
NOTE For the purposes of this standard the term ‘domestic purposes‘ includes use in hotels, accommodation for students, hospitals and similar buildings, except when special medical provisions are required.

SIST EN 14688:2015+A1:2018 SIST EN 14688:2015
2018-12 (po) (en;fr;de) 24 str. (F)
Sanitarna oprema - Umivalniki - Funkcionalne zahteve in preskusne metode
Sanitary appliances - Wash basins - Functional requirements and test methods
Osnova: EN 14688:2015+A1:2018
ICS: 91.140.70

This European Standard specifies the functional characteristics and test methods for wash basins for domestic purposes.
NOTE 1 For the purposes of this standard the term "domestic purposes" includes use in hotels, accommodation for students, hospitals and similar buildings, except when special medical provisions are required.
NOTE 2 All drawings are examples only. The shape of the appliance is left to the discretion of the manufacturer.

SIST EN 997:2018 SIST EN 997:2012+A1:2015
2018-12 (po) (en;fr;de) 64 str. (K)
Straniščne školjke in straniščna oprema z integriranim sifonom
WC pans and WC suites with integral trap
Osnova: EN 997:2018
ICS: 91.140.70

This European Standard specifies constructional and performance requirements together with test methods for close-coupled suites, one-piece and independent WC pans with integral trap used for personal hygiene manufactured from glazed ceramics or stainless steel.
This European Standard does not apply to squatting toilets, WC pans without integral trap or flushing cisterns as separate appliances.

In the case of independent WC pans, the associated flushing cisterns and pressure valves are covered by other standards and the reference to cisterns in this standard is related only to the definition and requirements of flushing volume.
In the case of close-coupled suites and one-piece WCs, this standard also specifies design, performance requirements and the test methods for designated flushing cisterns with flushing mechanisms, inlet valves and overflows. For these products, this standard covers flushing cisterns designed to be connected to drinking water installations inside buildings.
Before installation of WCs, EN 12056 2 and national requirements need to be taken into consideration.

SIST/TC IPKZ Protikorozijska zaščita kovin

SIST EN 13507:2018 SIST EN 13507:2010
2018-12 (po) (en;fr;de) 10 str. (C)
Vroče brizganje - Predobdelava površin kovinskih delov in komponent za vroče brizganje
Thermal spraying - Pre-treatment of surfaces of metallic parts and components for thermal spraying
Osnova: EN 13507:2018
ICS: 25.220.20, 25.220.10

This European Standard specifies the processing of surface preparation for thermal spraying. Important principles indicated in this European Standard should be taken into consideration when surfaces of metallic parts are to be prepared for thermal spraying. This European Standard applies for production of new parts as well as for the repair of worn parts.
This European Standard does not apply for thermal spraying in the case of protection against atmospheric corrosion by coatings of zinc and/or aluminium and their alloys, for which prEN ISO 2063 1:2014 and prEN ISO 2063 2:2014 apply.

SIST EN 1395-5:2018 SIST EN 1395-5:2007
2018-12 (po) (en) 13 str. (D)
Vroče brizganje - Prevzemni preskusi opreme za vroče brizganje - 5. del: Plazemsko brizganje v komorah
Thermal spraying - Acceptance inspection of thermal spraying equipment - Part 5: Plasma spraying in chambers
Osnova: EN 1395-5:2018
ICS: 25.220.20

This European Standard specifies requirements for the acceptance inspection of thermal spraying equipment, in this case the pressurized part only for low pressure and controlled atmosphere plasma spraying, used in spray jobs to produce thermally sprayed coatings of reproducible quality.
This part should be used in conjunction with EN 1395-1, which includes general requirements and explanations of procedures.
The plasma spraying system itself should be acceptance inspected according to EN 1395-4.

SIST EN 17001:2018
2018-12 (po) (en) 9 str. (C)
Vroče brizganje - Sestavni deli s premazi, nanesenimi z vročim brizganjem - Specifikacija premazov
Thermal spraying - Components with thermally sprayed coatings - Coating specification
Osnova: EN 17001:2018
ICS: 25.220.20

This European standard defines the requirements to be specified in the coating specification for a thermally sprayed coating. It applies to components and workpieces made of metallic or non-metallic materials that are to be partially or completely coated with thermally sprayed coatings. The coating may be made of metals, metal ceramics, oxide ceramics or plastics. Additional requirements for the coating manufacturer that are not coating-specific should be included by defining the technical supply conditions according to EN ISO 12670.

The requirements defined in this standard should be met by a component-related thermal spray procedure specification (TSPS) prepared by the coating manufacturer. The thermal spray procedure specification should be documented and component-related to ensure traceability. For details, see prEN 17002 (project stage).
Proof that the requirements of the coating specification are met by the application of the thermal spray procedure specification can be provided by performing a component-related procedure qualification according to EN 15648.
If specific coating requirements cannot be specified by the customer, they should be agreed with the contractor on the basis of the requirements for the sprayed coating - e.g. against fretting wear at high temperatures - and on the basis of the contractor's past experience.

SIST EN 17002:2018
2018-12 (po) (en;fr;de) 12 str. (C)
Vroče brizganje - Sestavni deli s premazi, nanesenimi z vročim brizganjem - Specifikacija postopka vročega brizganja
Thermal spraying - Components with thermally sprayed coatings - Thermal spray procedure specification
Osnova: EN 17002:2018
ICS: 25.220.20

The thermal spray procedure specification (TSPS) is a critically important quality assurance document in the production workflow when producing a thermally sprayed coating.
This European standard defines the minimum requirements that should be followed for the content of a thermal spray procedure specification. When applying the thermal spray procedure specification, the requirements of the coating specification should be met. To ensure traceability, the thermal spray procedure specification should be documented and component-related.
Tests and test scopes should be defined by the manufacturer of the coating in a separate test plan according to the requirements of the coating specification.

SIST EN ISO 20728:2018
2018-12 (po) (en) 19 str. (E)
Korozija kovin in zlitin - Ugotavljanje odpornosti magnezijevih zlitin proti pokanju zaradi napetostne korozije (ISO 20728:2018)
Corrosion of metal and alloys - Determination of resistance of magnesium alloys to stress corrosion cracking (ISO 20728:2018)
Osnova: EN ISO 20728:2018
ICS: 77.120.20, 77.060

This international Standard specifies a method for the determination of resistance to stress corrosion cracking (SCC) of magnesium alloys. This International Standard covers the method of sampling, the types of specimens, the loading procedure, the type of environment and the Interpretation of results.
This International Standard is aimed at the determination of the resistance to SCC as a function of the chemical composition, the method of manufacture and heat treatment of magnesium alloys. This International Standard applies to cast and wrought magnesium alloys in the form of castings, semi-finished products, parts and weldments.
Since most natural and many artificial environments contain chlorides, this International Standard can be used to compare the performance of products employed in environments containing chlorides providing that the failure mechanism is not changed. However, the results of this test should not be considered as an absolute criterion for the quality of alloys.

SIST EN ISO 4531:2018
2018-12 (po) (en) 17 str. (E)
Steklasti in porcelanski emajli - Sproščanje iz emajliranih delcev v stiku z živili - Metode preskušanja in mejne vrednosti (ISO 4531:2018)
Vitreous and porcelain enamels - Release from enamelled articles in contact with food - Methods of test and limits (ISO 4531:2018)
Osnova: EN ISO 4531:2018
ICS: 97.040.60, 67.250, 25.220.50

ISO 4531 specifies a simulating method of test for determination of the release of metal-ions from enamelled ware, which are intended to come into contact with food (including drinks).
ISO 4531 also specifies permissible limits for the release of metal-ions from enamelled ware, which are intended to come into contact with food (including drinks).
ISO 4531 is applicable to enamelled ware, including tanks and vessels, which are intended to be used for the preparation, cooking, serving and storage of food.
ISO 4531 is applicable to enamelled ware including tanks and vessels which can be used for the preparation, cooking, serving and storage of food.

SIST EN ISO 7539-6:2018 SIST EN ISO 7539-6:2011
2018-12 (po) (de) 47 str. (I)
Korozija kovin in zlitin - Preskušanje napetostne korozije - 6. del: Priprava in uporaba preskušancev z umetno razpoko za preskuse pri konstantni obremenitvi ali konstantni deformaciji (ISO 7539-6:2018)
Corrosion of metals and alloys - Stress corrosion testing - Part 6: Preparation and use of precracked specimens for tests under constant load or constant displacement (ISO 7539-6:2018)
Osnova: EN ISO 7539-6:2018
ICS: 77.060

This document specifies procedures for designing, preparing and using precracked specimens for investigating susceptibility to stress corrosion. It gives recommendations for the design, preparation and use of precracked specimens for investigating susceptibility to stress corrosion. Recommendations concerning notched specimens are given in Annex A.
The term “metal” as used in this document includes alloys.
Because of the need to confine plasticity at the crack tip, precracked specimens are not suitable for the evaluation of thin products, such as sheet or wire, and are generally used for thicker products including plate bar and forgings. They can also be used for parts joined by welding.
Precracked specimens can be loaded with equipment for application of a constant load or can incorporate a device to produce a constant displacement at the loading points. Tests conducted under increasing displacement or increasing load are dealt with in ISO 7539-9.
A particular advantage of precracked specimens is that they allow data to be acquired, from which critical defect sizes, above which stress corrosion cracking can occur, can be estimated for components of known geometry subjected to known stresses. They also enable rates of stress corrosion crack propagation to be determined. The latter data can be taken into account when monitoring parts containing defects during service.

SIST/TC IPMA Polimerni materiali in izdelki

SIST EN ISO 14852:2018 SIST EN ISO 14852:2004
2018-12 (po) (en;fr;de) 27 str. (G)
Določanje končne aerobne biorazgradljivosti polimernih materialov v vodnem mediju - Metoda z analizo sproščenega ogljikovega dioksida (ISO 14852:2018)
Determination of the ultimate aerobic biodegradability of plastic materials in an aqueous medium - Method by analysis of evolved carbon dioxide (ISO 14852:2018)
Osnova: EN ISO 14852:2018
ICS: 83.080.01

This document specifies a method, by measuring the amount of carbon dioxide evolved, for the determination of the degree of aerobic biodegradability of plastic materials, including those containing formulation additives. The test material is exposed in a synthetic medium under standardized laboratory conditions to an inoculum from activated sludge, mature compost or soil under aerobic, mesophilic conditions.
If an unadapted activated sludge is used as the inoculum, the test result can be used to assess the aerobic biodegradation processes which occur in a waste water treatment plant environment. If a mixed or reexposed inoculum is used, the method can be used to investigate the potential biodegradability of a test material.
The conditions used in this document do not necessarily correspond to the optimum conditions allowing maximum biodegradation to occur, but this test method is designed to measure the biodegradation of plastic materials and give an indication of their potential biodegradability.
The method enables the assessment of the biodegradation to be improved by calculating a carbon balance (optional, see Annex C).
The method applies to the following materials:
— natural and/or synthetic polymers, copolymers or mixtures thereof;
— plastic materials which contain additives such as plasticizers, colorants or other compounds;
— water-soluble polymers;
— materials which, under the test conditions, do not inhibit the microorganisms present in the inoculum. Inhibitory effects can be determined using an inhibition control or by another appropriate method (see, for example, ISO 8192[1]). If the test material is inhibitory to the inoculum, a lower test concentration, another inoculum or a pre-exposed inoculum can be used.

SIST EN ISO 21970-1:2018
2018-12 (po) (en;fr;de) 15 str. (D)
Polimerni materiali - Materiali za oblikovanje in ekstrudiranje na osnovi poliketonov (PK) - 1. del: Sistem označevanja in podlage za specifikacije (ISO 21970-1:2018)
Plastics - Polyketone (PK) moulding and extrusion materials - Part 1: Designation system and basis for specifications (ISO 21970-1:2018)
Osnova: EN ISO 21970-1:2018
ICS: 83.080.20

This part of EN ISOXXXX establishes a system of designation for polyketone (PK) moulding and extrusion materials which may be used as the basis for specifications. Polyketone polymer chains are built up from regularly alternating olefinic units and keto groups. The olefinic units may be essentially all ethylene, or they may be, e.g., randomly distributed ethylene and propylene, butene or hexene.

SIST EN ISO 21970-2:2018
2018-12 (po) (en;fr;de) 13 str. (D)
Polimerni materiali - Materiali za oblikovanje in ekstrudiranje na osnovi poliketonov (PK) - 2. del: Priprava preskušancev in ugotavljanje lastnosti (ISO 21970-2:2018)
Plastics - Polyketone (PK) moulding and extrusion materials - Part 2: Preparation of test specimens and determination of properties (ISO 21970-2:2018)
Osnova: EN ISO 21970-2:2018
ICS: 83.080.20

This part of EN ISOXXXX specifies the methods of preparation of test specimens and the standard test methods to be used in determining the properties of thermoplastic polyketone moulding and extrusion materials. Requirements for handling test material and/or conditioning both the test material before moulding and the specimens before testing are given. Procedures and conditions for the preparation of test specimens in a specified state and procedures for measuring properties of the test materials from which these specimens are made are given.
Properties and test methods which are suitable and necessary to characterize polyketone moulding and extrusion materials are listed.

SIST/TC ISEL Strojni elementi

SIST EN ISO 10683:2018 SIST EN ISO 10683:2014
2018-12 (po) (en;fr;de) 38 str. (H)
Vezni elementi - Cinkova lamelna prevleka, ki ni izdelana z elektrolizo (ISO 10683:2018)
Fasteners - Non-electrolytically applied zinc flake coating systems (ISO 10683:2018)
Osnova: EN ISO 10683:2018
ICS: 25.220.40, 21.060.01

This document specifies requirements for non-electrolytically applied zinc flake coating systems for steel fasteners. It is applicable to coatings:
— with or without hexavalent chromium;
— with or without top coat;
— with or without lubricant (integral lubricant and/or subsequently added lubricant).
It is applicable to bolts, screws, studs and nuts with ISO metric thread, to fasteners with non-ISO metric thread, and to non-threaded fasteners such as washers, pins, clips, etc.
This document does not specify requirements for such fastener properties as weldability or paintability.
It is not applicable to mechanically applied zinc coatings.
NOTE Coatings in accordance with this document are especially used for high strength fasteners (≥ 1 000 MPa) to avoid risk of internal hydrogen embrittlement (IHE — see 4.4).
Information for design and assembly of coated fasteners is given in Annex A.

SIST EN ISO 4042:2018 SIST EN ISO 4042:2001
2018-12 (po) (en;fr;de) 65 str. (K)
Mehanski vezni elementi - Sistemi galvanskih prevlek veznih elementov (ISO 4042:2018)
Fasteners - Electroplated coating systems (ISO 4042:2018)
Osnova: EN ISO 4042:2018
ICS: 25.220.40, 21.060.01

This document specifies requirements for electroplated coatings and coating systems on steel fasteners. The requirements related to dimensional properties also apply to fasteners made of copper or copper alloys.
It also specifies requirements and gives recommendations to minimize the risk of hydrogen embrittlement; see 4.4 and Annex B.
It mainly applies to zinc and zinc alloy coating systems (zinc, zinc-nickel, zinc-iron) and cadmium, primarily intended for corrosion protection and other functional properties:
— with or without conversion coating;
— with or without sealant;
— with or without top coat;
— with or without lubricant (integral lubricant and/or subsequently added lubricant).
Specifications for other electroplated coatings and coating systems (tin, tin-zinc, copper-tin, coppersilver, copper, silver, copper-zinc, nickel, nickel-chromium, copper-nickel, copper-nickel-chromium) are included in this document only for dimensional requirements related to fasteners with ISO metric threads.
This document applies to bolts, screws, studs and nuts with ISO metric thread, to fasteners with non-ISO metric thread, and to non-threaded fasteners such as washers, pins, clips and rivets.
Information for design and assembly of coated fasteners is given in Annex A. This document does not specify requirements for properties such as weldability or paintability.
NOTE Other International Standards specify differing electroplating processes. For electroplating of fasteners, the requirements of this document apply, unless otherwise agreed.

SIST/TC ISS SPL.GPO Gradnja stavb

SIST EN 13200-3:2018 SIST EN 13200-3:2006
2018-12 (po) (en;fr;de) 28 str. (G)
Prostori za gledalce - 3. del: Ločilni elementi - Zahteve
Spectator facilities - Part 3: Separating elements - Requirements
Osnova: EN 13200-3:2018
ICS: 97.220.10, 97.200.10, 91.040.10

This European Standard specifies design requirements for layout and product characteristics for separating elements within spectator accommodation at permanent or temporary entertainment venues including sport stadia, sport halls, indoor and outdoor facilities for the purpose of enabling their functionality.
Other permanent venues such as theatres, cinemas, opera houses, lecture halls and similar are excluded from this standard.
Elements and barriers included in this standard are:
a) barrier front of a row of fixed seats;
b) barrier adjacent to end row of seats;
c) barrier behind a rear row of seats;
d) barrier at the foot of a gangway or on stairway, aligned at right angles to the direction of movement;
e) side and lateral barrier, aligned parallel to the direction of spectator movement;
f) barriers gangway in standing areas, aligned at right angles to the direction of spectator movement;
g) crush barriers;
h) barriers for spectator galleries barrier;
i) external perimeter barriers and barriers by sectors.

SIST/TC ISTP Stavbno pohištvo

SIST EN 12519:2018 SIST EN 12519:2004
2018-12 (po) (en,fr,de) 114 str. (N)
Okna in vhodna vrata - Terminologija
Windows and pedestrian doors - Terminology
Osnova: EN 12519:2018
ICS: 01.040.91, 91.060.50

This European Standard specifies the general terminology for windows and pedestrian doors. The various types are illustrated by figures.

SIST/TC ITC Informacijska tehnologija

SIST-TS CEN/TS 16931-3-2:2018/AC:2018
2018-12 (po) (en;fr;de) 5 str. (AC)
Elektronsko izdajanje računov - 3-2. del: Sintaksa povezav za račun in dobropis v skladu z ISO/IEC 19845 (LBM 2.1)
Electronic invoicing - Part 3-2: Syntax binding for ISO/IEC 19845 (UBL 2.1) invoice and credit note
Osnova: CEN/TS 16931-3-2:2017/AC:2018
ICS: 35.240.63

Popravek k standardu SIST-TS CEN/TS 16931-3-2:2018.
Ta tehnična specifikacija CEN (TS) vsebuje preslikavo med semantičnim podatkovnim modelom elektronskega računa (EN 16931-1) in naslednjo sintakso: UBL 2.1. Za vsak element semantičnega modela (vključno s podelementi ali dodatnimi komponentami, kot so oznake elementov kodnega seznama) je opredeljen element sintakse, ki vsebuje informacije določenega elementa semantičnega modela. Kakršnakoli neskladja med semantiko, formatom, kardinalnostjo ali strukturo so navedena. Vsa

pravila, ki jih je treba upoštevati pri uporabi posamezne sintakse, so neformalno navedena v tej tehnični specifikaciji. Skupaj s to tehnično specifikacijo je objavljen sklop artefaktov za potrjevanje, vključno s formalizacijo pravil.

SIST/TC ITEK Tekstil in tekstilni izdelki

SIST EN 14215:2018 SIST EN 14215:2013
2018-12 (po) (en;fr;de) 18 str. (E)
Tekstilne talne obloge - Razvrščanje strojno obdelanih preprog in tekačev
Textile floor coverings - Classification of machine-made rugs and runners
Osnova: EN 14215:2018
ICS: 97.150

This European Standard specifies requirements for machine-made (woven, tufted, knitted, needled, flocked, bonded, hand-tufted) rugs and runners, including a classification according to use intensity and luxury.
This European Standard is not applicable to hand-knotted rugs, to barrier mats or to bathroom rugs.

SIST EN ISO 10325:2018 SIST EN ISO 10325:2010
2018-12 (po) (en;fr;de) 13 str. (D)
Vlaknene vrvi - Visokomodulni polietilen - 8-nitne in 12-nitne pletene vrvi ter oplaščene vrvi (ISO 10325:2018)
Fibre ropes - High modulus polyethylene - 8-strand braided ropes, 12-strand braided ropes and covered ropes (ISO 10325:2018)
Osnova: EN ISO 10325:2018
ICS: 59.080.50

This document specifies requirements for 8-strand braided ropes, for 12-strand braided ropes, and for covered rope constructions for general purpose made of high modulus polyethylene (HMPE), and gives rules for their designation.
Many different types and grades of HMPE fibre exist which are commonly used to produce rope products. This document does not cover all variations in strength or product performance. The rope manufacturer is consulted to ensure the intended design meets the requirements of the application.

SIST EN ISO 15487:2018 SIST EN ISO 15487:2011
2018-12 (po) (en;fr;de) 23 str. (F)
Tekstilije - Metoda za ocenjevanje videza oblačil in drugih tekstilnih končnih izdelkov po gospodinjskem pranju in sušenju (ISO 15487:2018)
Textiles - Method for assessing appearance of apparel and other textile end products after domestic washing and drying (ISO 15487:2018)
Osnova: EN ISO 15487:2018
ICS: 61.020, 59.080.01

This document specifies a method of test for evaluating the appearance of apparel and other textile end products after one or several domestic washing and drying treatments. The appearance evaluated includes colour change, pilling, fuzzing, matting appearance of fabrics, smoothness appearance of flat fabric and seams, and the retention of pressed-in creases in garments and other textile products, damage of components – buttons, press fasteners, slide fasteners, etc.
This document is applicable to any washable textile end product of any fabric construction. Techniques for seaming and creasing are not included since the purpose is to evaluate textile end products as they are supplied from the manufacturer or as ready-to-use. Techniques for seaming and creasing are controlled by fabric properties.
This method has been developed primarily for use with domestic washing machines of Type B as defined in ISO 6330, but it can be used with any type of machine defined in ISO 6330.

It is recognized that prints and patterns can mask the wrinkled appearance present in textile end products. The rating process is, however, based on the visual appearance of specimens including such effects.

SIST EN ISO 20326:2018 SIST EN 14085:2011
2018-12 (po) (en;fr;de) 25 str. (F)
Netekstilne talne obloge - Specifikacija talnih plošč/sestava za prosto položeno inštalacijo (ISO 20326:2016)
Resilient floor coverings - Specification for floor panels/assembly for loose laying (ISO 20326:2016)
Osnova: EN ISO 20326:2018
ICS: 97.150

ISO 20326:2016 specifies requirements and test methods for floor panels/assembly for domestic and commercial levels of use, which have surface layers consisting of resilient floor covering.
ISO 20326:2016 is not applicable to heterogeneous polyvinyl chloride floor panels/assembly for floating installation covered by ISO 10582 or to floor panels/assembly that are subject to frequent wetting, such as bathrooms, laundry rooms and saunas.

SIST/TC IVAR Varjenje

SIST EN ISO 8249:2018 SIST EN ISO 8249:2001
2018-12 (po) (en;fr;de) 35 str. (H)
Varjenje - Določanje feritnega števila (FN) v avstenitnih in dupleksnih feritno-avstenitnih Cr-Ni nerjavnih varih (ISO 8249:2018)
Welding - Determination of Ferrite Number (FN) in austenitic and duplex ferritic-austenitic Cr-Ni stainless steel weld metals (ISO 8249:2018)
Osnova: EN ISO 8249:2018
ICS: 25.160.40

This document specifies the method and apparatus for:
— the measurement of the delta ferrite content, expressed as Ferrite Number (FN), in largely austenitic and duplex ferritic-austenitic stainless steel1) weld metal through the attractive force between a weld metal sample and a standard permanent magnet;
— the preparation and measurement of standard pads for manual metal arc covered electrodes. The general method is also recommended for the ferrite measurement of production welds and for weld metal from other processes, such as gas tungsten arc welding, gas shielded metal arc welding and submerged arc welding (in these cases, the way of producing the pad should be defined);
— the calibration of other instruments to measure FN.
The method laid down in this document is intended for use on weld metals in the as-welded state and on weld metals after thermal treatments causing complete or partial transformation of ferrite to any non-magnetic phase. Austenitizing thermal treatments which alter the size and shape of the ferrite change the magnetic response of the ferrite.
The method is not intended for measurement of the ferrite content of cast, forged or wrought austenitic or duplex ferritic-austenitic steel samples.

SIST/TC IZL Izolatorji

SIST EN 60137:2018/AC:2018
2018-12 (po) (en,fr) 3 str. (AC)
Izolirani skoznjiki za izmenične napetosti nad 1000 V - Popravek AC
Insulated bushings for alternating voltages above 1 000 V
Osnova: EN 60137:2017/AC:2018-08
ICS: 29.080.20

Popravek k standardu SIST EN 60137:2018.

This International Standard specifies the characteristics and tests for insulated bushings. This standard is applicable to bushings, as defined in Clause 3, intended for use in electrical apparatus, machinery, transformers, switchgear and installations for three-phase alternating current systems, having highest voltage for equipment above 1 000 V and power frequencies of 15 Hz up to and including 60 Hz. Subject to special agreement between purchaser and supplier, this standard may be applied, in part or as a whole, to the following:

- bushings used in other than three-phase systems;
- bushings for high-voltage direct current systems;
- bushings for testing transformers;
- bushings for capacitors.

Special requirements and tests for transformer bushings in this standard apply also to reactor bushings.

This standard is applicable to bushings made and sold separately. Bushings which are a part of an apparatus and which cannot be tested according to this standard should be tested with the apparatus of which they form part.

SIST EN 60507:2014/AC:2018

2018-12 (po) (en;fr;de) 3 str. (AC)

Preskusi z umetnim onesnaženjem visokonapetostnih keramičnih in izolatorjev, namenjenih za sisteme z izmenično napetostjo (IEC 60507:2013/COR1:2018)

Artificial pollution tests on high-voltage ceramic and glass insulators to be used on a.c. systems (IEC 60507:2013/COR1:2018)

Osnova: EN 60507:2014/AC:2018-09

ICS: 29.080.10

Popravek k standardu SIST EN 60507:2014.

Standard EN IEC 60507 se uporablja za ugotavljanje značilnosti obratovalnih frekvenc keramičnih in plinskih izolatorjev, ki se uporabljajo na prostem in so izpostavljeni onesnaženi atmosferi, namenjenih za sisteme z izmenično napetostjo, pri čemer je najvišja napetost sistema višja od 1000 V. Ti preskusi se ne uporabljajo neposredno za polimerne izolatorje, namaščene izolatorje ali posebne vrste izolatorjev (izolatorje, obdane s polprevodnim premazom ali poljubnim organskim izolacijskim materialom). Namen tega mednarodnega standarda je določiti postopke za preskuse umetnega onesnaževanja, ki se uporabljajo za izolatorje za nadzemne vode, razdelilne postaje in vlečne vode ter za skoznjike. Uporablja se lahko tudi za votle izolatorje, pri čemer so potrebni ustrezni previdnostni ukrepi, da se prepreči notranji preboj. Pri uporabi teh postopkov za aparate, ki zajemajo votle izolatorje, naj bi ustrezni tehnični odbori upoštevali njihov učinek na kakršno koli notranjo opremo in posebne previdnostne ukrepe, ki so morda potrebni.

SIST EN 61466-2:2000/A2:2018

2018-12 (po) (en;fr;de) 8 str. (B)

Kompozitni izolatorji za nadzemne vode z nazivno napetostjo nad 1000 V - 2. del: Dimenzijske in električne karakteristike - Dopolnilo A2 (IEC 61466-2:1998/A2:2018)

Composite string insulator units for overhead lines with a nominal voltage greater than 1 000 V - Part 2: Dimensional and electrical characteristics (IEC 61466-2:1998/A2:2018)

Osnova: EN 61466-2:1998/A2:2018

ICS: 29.240.20, 29.080.10

Dopolnilo A2:2018 je dodatek k standardu SIST EN 61466-2:2000.

This part of IEC 61466 is applicable to composite string insulators with a specified mechanical load (SML) of 40 kN and 70 kN for a.c. overhead distribution lines with a nominal voltage greater than 1 000 V and a frequency not greater than 100 Hz.

It also applies to insulators of similar design used in substations or on electric traction lines. This standard applies to string insulator units of composite type with couplings in accordance with IEC 61466-1.

This standard prescribes specified values for electrical and dimensional characteristics of composite string insulator units for overhead distribution lines with a highest lightning impulse level of 325 kV and a specified mechanical load (SML) of 40 kN and 70 kN.
NOTE – General definitions and methods of testing are given in IEC 61109.

SIST EN IEC/IEEE 5700:2018 SIST EN 62199:2005
2018-12 (po) (en;fr;de) 56 str. (J)
Skoznjiki za enosmerne aplikacije
Bushings for DC application
Osnova: EN IEC/IEEE 65700:2018
ICS: 29.080.20

This International Standard applies to outdoor and indoor bushings of any voltage used on DC systems, of capacitance graded or gas insulated types for use as components of oil-filled converter transformers and smoothing reactors, as well as air-to-air DC bushings. This standard does not apply to the following:
• cable terminations (potheads);
• bushings for instrument transformers;
• bushings for test power supplies;
• bushings applied with gaseous insulation (other than air at atmospheric pressure) external to the bushing;
• bushings for industrial application;
• bushings for traction application;
• bushings for distribution class transformers.
This standard makes reference to IEC 60137 for general terms and conditions and defines the special terms used, operating conditions, ratings, test procedures as well as general mechanical and electrical requirements for bushings for DC application.

SIST/TC KAT Karakterizacija tal, odpadkov in blata

SIST EN 16167:2018 SIST EN 16167:2013
2018-12 (po) (en;fr;de) 39 str. (H)
Tla, obdelani biološki odpadki in blato - Določevanje polikloriranih bifenilov (PCB) s plinsko kromatografijo z masno selektivnim detektorjem (GC/MS) in s plinsko kromatografijo z detektorjem z zajetjem elektronov (GC/ECD)
Soil, treated biowaste and sludge - Determination of polychlorinated biphenyls (PCB) by gas chromatography with mass selective detection (GC-MS) and gas chromatography with electron-capture detection (GC-ECD)
Osnova: EN 16167:2018
ICS: 71.040.50, 13.030.20, 13.080.10

This draft European Standard specifies a method for quantitative determination of seven selected polychlorinated biphenyls (PCB28, PCB52, PCB101, PCB118, PCB138, PCB153 and PCB180) in sludge, treated biowaste and soil using GC-MS and GC-ECD (see Table 2).
(...)
The limit of detection depends on the determinants, the equipment used, the quality of chemicals used for the extraction of the sample and the clean-up of the extract.
Under the conditions specified in this European Standard, limit of application of 1 µg/kg (expressed as dry matter) can be achieved.
Sludge and treated biowaste may differ in properties and also in the expected contamination levels of PCBs and presence of interfering substances. These differences make it impossible to describe one general procedure. This European Standard contains decision tables based on the properties of the sample and the extraction and clean-up procedure to be used.

SIST EN 16181:2018 SIST-TS CEN/TS 16181:2013

2018-12 (po) (en;fr;de) 47 str. (I)

Tla, obdelani biološki odpadki in blato - Določevanje policikličnih aromatskih ogljikovodikov (PAH) s plinsko kromatografijo (GC) in s tekočinsko kromatografijo visoke ločljivosti (HPLC)

Soil, treated biowaste and sludge - Determination of polycyclic aromatic hydrocarbons (PAH) by gas chromatography (GC) and high performance liquid chromatography (HPLC)

Osnova: EN 16181:2018

ICS: 71.040.50, 13.030.20, 13.080.10

This European Standard specifies the quantitative determination of 16 polycyclic aromatic hydrocarbons (PAH) (see Table 2) in sludge, soil and treated biowaste using GC-MS and HPLC-UV-DAD/FLD covering a wide range of PAH contamination levels (see also Annex B).

When using fluorescence detection, acenaphthylene cannot be measured.

(...)

The limit of detection depends on the determinants, the equipment used, the quality of chemicals used for the extraction of the sample and the clean-up of the extract.

Typically, a lower limit of application of 0,01 mg/kg (expressed as dry matter) can be ensured for each individual PAH. This depends on instrument and sample.

Sludge, soil and treated biowaste can differ in properties and also in the expected contamination levels of PAHs and presence of interfering substances. These differences make it impossible to describe one general procedure. This European Standard contains decision tables based on the properties of the sample and the extraction and clean-up procedure to be used. Two general lines are followed, an agitation procedure (shaking) or use of soxhlet/pressurized liquid extraction.

NOTE Other PAH compounds can also be analysed with this method, provided suitability has been proven.

SIST EN 17090:2018

2018-12 (po) (en;fr;de) 9 str. (C)

Gnojila - Določevanje inhibitorja nitrifikacije DMPSA v gnojilih - Metoda s tekočinsko kromatografijo visoke ločljivosti (HPLC)

Fertilizers - Determination of nitrification inhibitor DMPSA in fertilizers - Method using high-performance liquid chromatography (HPLC)

Osnova: EN 17090:2018

ICS: 65.080

This method specifies a method for the determination of the nitrification inhibitor 2-(3,4-dimethyl-pyrazol-1-yl-succinic acid (DMPSA) using high-performance liquid chromatography (HPLC). The method is applicable to all mineral fertilizers.

SIST EN ISO 15952:2018 SIST EN ISO 15952:2012

2018-12 (po) (en;fr;de) 42 str. (I)

Kakovost tal - Vpliv onesnaževal na juvenilne (mladostniške) stadije kopenskih polžev (Helicidae) - Ugotavljanje vplivov na rast zaradi onesnaženja tal (ISO 15952:2018)

Soil quality - Effects of pollutants on juvenile land snails (Helicidae) - Determination of the effects on growth by soil contamination (ISO 15952:2018)

Osnova: EN ISO 15952:2018

ICS: 13.080.30

This document specifies a semi-static method for determining the effects of contaminants on growth and survival of young snails, usually Helix aspersa aspersa Müller. The animals are exposed via the cutaneous and digestive route using a test substrate (artificial or natural soil according to the objective of the study) to which defined amounts of the following are added:

— substances, mixtures or preparations;

— soils (contaminated or of unknown quality) or waste materials.

This test takes into account the possible changes in the test substance, preparation, soil or waste material because the test mixtures are prepared and renewed every week during the 28-day test period. A static method may be implemented in addition to the semi-static method (optional). This method is described in Annex A.
This method does not apply to substances for which the air/soil partition coefficient is greater than one, or to substances with vapour pressure exceeding 300 Pa, at 25 °C.

SIST EN ISO 19258:2018 SIST EN ISO 19258:2011
SIST ISO 19258:2006
2018-12 (po) (en;fr;de) 33 str. (H)
Kakovost tal - Navodilo za določanje vrednosti naravnega ozadja (ISO 19258:2018)
Soil quality - Guidance on the determination of background values (ISO 19258:2018)
Osnova: EN ISO 19258:2018
ICS: 13.080.99

This document gives guidelines for the principles and main methods for the determination of background values for inorganic and organic substances in soils at a local/regional scale. The site scale is excluded.
It gives guidelines for sampling and data processing strategies. It identifies methods for sampling and analysis. This document does not apply to the determination of background values for groundwater and sediments.

SIST EN ISO 23470:2018 SIST EN ISO 23470:2011
2018-12 (po) (en;fr;de) 30 str. (G)
Kakovost tal - Določevanje efektivne kationske izmenjalne kapacitete in izmenljivih kationov z uporabo raztopine heksaminokobaltovega triklorida (ISO 23470:2018)
Soil quality - Determination of effective cation exchange capacity (CEC) and exchangeable cations using a hexamminecobalt trichloride solution (ISO 23470:2018)
Osnova: EN ISO 23470:2018
ICS: 13.080.10

This document specifies a method for the determination of cation exchange capacity (CEC) and the content of exchangeable cations (Al, Ca, Fe, K, Mg Mn, Na) in soils using a hexamminecobalt(III) chloride solution as extractant. For soils containing calcium carbonate a calcite saturated hexamminecobalt(III) chloride solution is specified particularly for determination of exchangeable Ca. This document is applicable to all types of air-dry soil samples which have been prepared according to ISO 11464.

SIST EN ISO 23611-1:2018 SIST EN ISO 23611-1:2011
2018-12 (po) (en;fr;de) 27 str. (G)
Kakovost tal - Vzorčenje nevretenčarjev v tleh - 1. del: Ročno razvrščanje deževnikov in njihova ekstrakcija (ISO 23611-1:2018)
Soil quality - Sampling of soil invertebrates - Part 1: Hand-sorting and extraction of earthworms (ISO 23611-1:2018)
Osnova: EN ISO 23611-1:2018
ICS: 13.080.30

This document specifies a method for sampling and handling earthworms from field soils as a prerequisite for using these animals as bioindicators (e.g. to assess the quality of a soil as a habitat for organisms).
This document applies to all terrestrial biotopes in which earthworms occur. The sampling design of field studies in general is given in ISO 18400-101 and guidance on the determination of effects of pollutants on earthworms in field situations is given in ISO 11268-3. These aspects can vary according to

the national requirements or the climatic/regional conditions of the site to be sampled (see also Annex C).
This document is not applicable for semi-terrestrial soils and it can be difficult to use under extreme climatic or geographical conditions (e.g. in high mountains). Methods for some other soil organism groups, such as collembolans, are covered in other parts of ISO 23611.

SIST-TS CEN/TS 16675:2018 SIST-TS CEN/TS 16675:2014
2018-12 (po) (en;fr;de) 12 str. (C)
Odpadki - Preskusne metode za določevanje statusa monolitnosti odpadkov, namenjenih odlaganju
Waste - Test methods for the determination of the monolithic status of waste to be landfilled
Osnova: CEN/TS 16675:2018
ICS: 13.030.10

This Technical Specification provides methods, which can be used to assess the monolithic character of a stabilised/solidified waste, with respect to landfilling. Information on the monolithic character is required to enable the choice of appropriate leaching tests for determination of the release of different substances from stabilised/solidified waste under specified (landfilling) conditions.
This document includes several physical and/or chemical test methods each addressing different aspects of monolithic character. The selection of methods required for an assessment of the monolithic character of a stabilised/solidified waste may vary, depending on the scenario to be addressed or it may be specified in regulation.
Rather than describing the procedures and methods in detail this document refers to existing standards and provides some guidance on their use on stabilised/solidified waste materials.
This Technical Specification does not address issues related to health and safety.
The following procedures and methods are included in this document:
- test to determine unconfined compressive strength;
- test to determine permeability;
- test to determine the loss of mass by dissolution;
- test to determine expansion;
- test to determine the content of organic matter;
- test to determine freeze/thaw effects.

SIST/TC KON Konstrukcije

SIST EN 1090-2:2018 SIST EN 1090-2:2008+A1:2012
2018-12 (po) (en;fr;de) 204 str. (S)
Izvedba jeklenih in aluminijastih konstrukcij - 2. del: Tehnične zahteve za izvedbo jeklenih konstrukcij
Execution of steel structures and aluminium structures - Part 2: Technical requirements for steel structures
Osnova: EN 1090-2:2018
ICS: 91.080.13

This European Standard specifies requirements for execution of structural steelwork as structures or as manufactured components, produced from hot rolled, structural steel products up to and including grade S690; cold formed components and sheeting up to and including grades S700; hot finished and cold formed austenitic, austenitic-ferritic and ferritic stainless steel products; hot finished and cold formed structural hollow sections, including standard range and custom-made rolled products and hollow sections manufactured by welding.

SIST EN 1992-4:2018

SIST-TS CEN/TS 1992-4-1:2009
SIST-TS CEN/TS 1992-4-2:2009
SIST-TS CEN/TS 1992-4-3:2009
SIST-TS CEN/TS 1992-4-4:2009
SIST-TS CEN/TS 1992-4-5:2009

2018-12 (po) (en;fr;de) 129 str. (O)

Evrokod 2 - Projektiranje betonskih konstrukcij - 4. del: Projektiranje pritrjevanja za uporabo v betonu

Eurocode 2 - Design of concrete structures - Part 4: Design of fastenings for use in concrete

Osnova: EN 1992-4:2018

ICS: 21.060.01, 91.010.30, 91.080.40

1.1 General

(1) This EN provides a design method for fastenings (connection of structural elements and non-structural elements to structural components), which are used to transmit actions to the concrete.

Inserts embedded in precast concrete elements during production, under Factory Production Control (FPC) conditions and with the due reinforcement, intended for use only during transient situations for lifting and handling, are covered by the CEN/TR "Design and Use of Inserts for Lifting and Handling Precast Concrete Elements", by CEN/TC 229.

(2) This EN is intended for safety related applications in which the failure of fastenings will result in collapse or partial collapse of the structure, cause risk to human life or lead to significant economic loss. In this context it also covers non-structural elements.

(3) The support of the fixture may be either statically determinate or statically indeterminate. Each support may consist of one fastener or a group of fasteners.

(4) This EN is valid for applications which fall within the scope of the series EN 1992. In applications where special considerations apply, e.g. nuclear power plants or civil defence structures, modifications may be necessary. The transmission of the fastener loads to the supports of the concrete member shall be shown for the ultimate limit state and the serviceability limit state according to EN 1992-1-1.

(5) This EN does not cover the design of the fixture. The design of the fixture shall be carried out to comply with the appropriate Standards.

(6) This document relies on characteristic resistances and distances which are stated in a European Technical Product Specification (see Annex E). At least the characteristics of Annex E, Table E.1 should be given in a European Technical Product Specification providing a basis for the design methods of this EN.

1.2 Type of fasteners and fastening groups

(1) This EN uses the fastener design theory) (Figure 1.1) and applies to:

a) cast-in fasteners such as headed fasteners, anchor channels with rigid connection between anchor and channel;

b) post-installed mechanical fasteners such as expansion anchors, undercut anchors and concrete screws;

c) post-installed bonded anchors, bonded expansion anchors and bonded undercut anchors.

NOTE Connections with post-installed ribbed reinforcing bars should be covered by a European Technical Product Specification and comply with the requirements of EN 1992-1-1.

(2) For other types of fasteners modifications of the design provisions may be necessary.

(3) This EN applies to fasteners with established suitability for the specified application in concrete covered by provisions, which refer to this EN and provide data required by this EN. The suitability of the fastener is stated in the relevant European Technical Product Specification.

(...)

(4) This EN applies to single fasteners and groups of fasteners. In a fastening group the loads are applied to the individual fasteners of the group by means of a common fixture. In this EN it is assumed that in a fastener group only fasteners of the same type and size are used.

The configurations of fastenings with cast-in place headed fasteners and post-installed fasteners covered by this EN are shown in Figure 1.2.

For anchor channels the number of fasteners is not limited.

(...)

NOTE Configuration with three fasteners is not recommended close to an edge ($c_i < 100$mm) as there are no safe design models for shear loads.

1.3 Fastener dimensions and materials

(1) This EN applies to fasteners with a minimum thread size of 6 mm (M6) or a corresponding nominal diameter. The effective embedment depth should be: hef • 40 mm. The actual value for a particular fastener shall be taken from the relevant European Technical Product Specification. In case of post-installed mechanical fasteners the effective embedment depth is limited to hef • 20dnom. (....)

SIST-TP CEN/TR 17079:2018

2018-12 (po) (en) 9 str. (C)

Projektiranje pritrjevanja za uporabo v betonu - Statično nedoločeni nekonstrukcijski sistemi

Design of fastenings for use in concrete - Redundant non-structural systems

Osnova: CEN/TR 17079:2018

ICS: 91.080.40, 21.060.01

1.1 General

This Technical Report provides design rules for fasteners used to connect statically indeterminate non-structural light weight systems (e.g. suspended ceilings, pipe work, ducting) to concrete members such as walls or floors (see Figure 1)).

The proposed design model may be applied to post-installed mechanical and bonded anchors covered by EN 1992-4:2017, 1.2. Their suitability will be confirmed in a European Technical Product Specification.

The design rules assume the following:

- under extreme conditions (e.g. large crack width) excessive slip or failure of a fastener might occur;
- elements or systems are attached with at least three fixing points with one or more fasteners at each fixing point;
- where more than one fastener is used at a fixing point (MF, see Figure 1), only fasteners of the same type, size and length are used;
- the attached system is sufficiently stiff to transfer the load at any fixing point to adjacent fixing points without significantly impairing the performance characteristics of the system both at serviceability and ultimate limit states.

(...)

This Technical Report applies to non-structural applications in structures covered by EN 1992-1-1. In applications where special considerations apply, e.g. nuclear power plants or civil defence structures, modifications may be necessary.

This document does not cover the design of the fixture. The design of the fixture will be carried out to comply with the appropriate Standards.

1.2 Type of fasteners

Post-installed fasteners according to EN 1992-4.

1.3 Fastener dimensions and materials

EN 1992-4:2017, 1.3 applies with the following addition: In precast pre-stressed hollow core elements the minimum embedment depth may be reduced to a value to ensure proper functioning if placed in a flange (wall) of minimum thickness of 17 mm. In this case the minimum embedment depth and the admissible position of the fastener in the hollow core slab given in the relevant European Technical Product Specification will be observed (Figure 2).

(...)-

1.4 Fastener loading

Loading on the fastenings will only be quasi static. Fatigue, impact and seismic loads are not covered.

Any axial compression on the fixture will be transmitted to the concrete either without acting on the fastener or via fasteners suitable for resisting compression.

1.5 Concrete strength

EN 1992-4 applies.

1.6 Concrete member loading

EN 1992-4 applies. However, fatigue, impact and seismic loads are not covered.

1.7 Concrete member dimensions

The minimum thickness of members in which fasteners are installed is at least 80 mm unless otherwise specified in the European Technical Product Specification. For precast pre-stressed hollow core elements, the minimum wall thickness is 17 mm.

SIST-TP CEN/TR 17080:2018
2018-12 (po) (en;fr) 28 str. (G)
Projektiranje pritrjevanja za uporabo v betonu - Odprti profili za sidranje - Dodatna pravila
Design of fastenings for use in concrete - Anchor channels - Supplementary rules
Osnova: CEN/TR 17080:2018
ICS: 21.060.01, 91.080.40

EN 1992-4 covers anchor channels located in cracked or uncracked concrete subjected to tensile loads and/or shear loads transverse to the longitudinal channel axis as well as combinations of these loads. Shear loads acting in direction of the longitudinal axis of the channel and combinations of shear loads acting transverse and in direction of the longitudinal axis of the channel, combinations of tensile loads and shear loads acting in direction of the longitudinal axis of the channel and combinations of loads in all three directions are excluded.
This Technical Report provides design rules for anchor channels under static and quasi-static shear loads acting in direction of the longitudinal channel axis and all possible combinations of shear and tension loads acting on the channel as well as design rules for anchor channels with supplementary reinforcement to take up shear loads, additional and alternative to the provisions of EN 1992-4. All relevant failure modes are considered and will be verified. Fatigue, impact and seismic loads are not covered.
The design rules in this document are only valid for anchor channels with a European Technical Product Specification. The design provisions for shear loads acting in direction of the longitudinal axis of the channel cover the following anchor channels and applications:
- Anchor channels with 2 or 3 anchors.
- Anchor channels where the shear load in the longitudinal axis of the channel is transferred to the channel by corresponding locking channel bolts creating mechanical interlock by means of a notch in the channel lips or serrated channel bolts which interlock with serrated lips of the channel (Figure 1).
- Anchor channels produced from steel with at least two metal anchors rigidly connected to the back of the channel (e.g. by welding, forging or screwing). The anchor channels are placed flush with the concrete surface. A fixture is connected to the anchor channel by channel bolts with nut and washer.
- Anchor channels close to the edge placed either parallel or transverse to the edge of the concrete member. The design provisions for concrete edge failure do not cover channel orientations inclined to the concrete edge.
The design method for anchor channels loaded in shear in direction of the longitudinal axis of the channel follows closely the existing design model for headed fasteners. For reasons of simplicity modifications specific for anchor channels are used where necessary.
The design provisions for the supplementary reinforcement to take up shear loads in case of anchor channels situated parallel to the edge and loaded in shear transverse to the longitudinal axis apply to anchor channels with unlimited number of anchors.
Examples of anchor channels and channel bolts ensuring mechanical interlock are given in Figure 1.
(...)

SIST-TP CEN/TR 17081:2018
2018-12 (po) (en;fr) 14 str. (D)
Projektiranje pritrjevanja za uporabo v betonu - Projektiranje pritrjevanja z veznimi sredstvi z glavo in naknadno vgrajenimi veznimi sredstvi po teoriji plastičnosti
Design of fastenings for use in concrete - Plastic design of fastenings with headed and post-installed fasteners
Osnova: CEN/TR 17081:2018
ICS: 91.080.40, 21.060.01

This Technical Report gives provisions for design of ultimate limit states in addition to EN 1992 4 for headed and post-installed fasteners excluding concrete screws, which only transmit static actions to the concrete, when the loads on individual fasteners are determined according to plastic analysis of the joint where only equilibrium conditions but no compatibility conditions are considered. Fatigue, impact and seismic loads are not covered.

SIST/TC KON.005 Lesene konstrukcije - EC 5

SIST EN 14081-2:2018 SIST EN 14081-2:2011+A1:2013
2018-12 (po) (en;fr;de) 38 str. (H)
Lesene konstrukcije - Razvrščanje konstrukcijskega lesa pravokotnega prečnega prereza po trdnosti - 2. del: Strojno razvrščanje - Dodatne zahteve za preskušanje tipa
Timber structures - Strength graded structural timber with rectangular cross section - Part 2: Machine grading; additional requirements for type testing
Osnova: EN 14081-2:2018
ICS: 91.080.20, 79.040

This European Standard specifies requirements, additional to those in EN 14081-1, for type testing of machine graded structural timber with rectangular cross-sections shaped by sawing, planing or other methods, and having deviations from the target sizes corresponding to EN 336. This includes requirements for strength grading machines.

SIST EN 14081-3:2012+A1:2018 SIST EN 14081-3:2012
2018-12 (po) (en;fr;de) 14 str. (D)
Lesene konstrukcije - Razvrščanje konstrukcijskega lesa pravokotnega prečnega prereza po trdnosti - 3. del: Strojno razvrščanje - Dodatne zahteve za kontrolo proizvodnje v obratu
Timber structures - Strength graded structural timber with rectangular cross section - Part 3: Machine grading; additional requirements for factory production control
Osnova: EN 14081-3:2012+A1:2018
ICS: 91.080.20, 79.040

This European Standard specifies requirements additional to those given in EN 14081-1 for factory production control of machine graded structural timber with rectangular cross-sections shaped by sawing, planing or other methods, and having deviations from the target sizes corresponding to EN 336.

SIST/TC KON.007 Geotehnika - EC 7

SIST EN ISO 22476-6:2018
2018-12 (po) (en) 28 str. (G)
Geotehnično preiskovanje in preskušanje - Preskušanje na terenu - 6. del: Preskus s samouvrtanim presiometrom (ISO 22476-6:2018)
Geotechnical investigation and testing - Field testing - Part 6: Self boring pressuremeter test (ISO 22476-6:2018)
Osnova: EN ISO 22476-6:2018
ICS: 93.020

This document comprises requirements for investigations of soil and weak rock by pressuremeter tests with the self-boring pressuremeter (SBP) as part of the geotechnical investigation services according to EN 1997-1 and EN 1997-2.
Tests with the self-boring pressuremeter cover the measurement in situ of the deformation of soils and weak rocks by the expansion and contraction of a cylindrical flexible membrane under pressure.
The SBP is drilled into the ground using an integral self-boring head at its lower end in such a way that the probe replaces the material it removes so creating its own test hole and minimises the disturbance to the soil outside the instrument.
Pressure applied to, and the associated expansion of the probe are measured and recorded so as to obtain the stress-displacement relationship for the soil as tested.
During both boring and testing the data is recorded automatically.

SIST EN ISO 22476-8:2018
2018-12 (po) (en)
Geotehnično preiskovanje in preskušanje - Preskušanje na terenu - 8. del: Preskus z vtiskovanim presiometrom (ISO 22476-8:2018)
Geotechnical investigation and testing - Field testing - Part 8: Full displacement pressuremeter test (ISO 22476-8:2018)
Osnova: EN ISO 22476-8:2018
ICS: 93.020

This document comprises requirements for investigations of soil and weak rock by pressuremeter tests with the full displacement pressuremeter (FDP) as part of the geotechnical investigation services according to EN 1997-1 and EN 1997-2.
Tests with the full displacement pressuremeter cover the measurement in situ of the deformation of soils and weak rocks by the expansion/contraction of a cylindrical flexible membrane under pressure.
The FDP is jacked into the ground with an integral cone at its lower end thereby creating its own test hole.
FDP equipment may take a number of forms therefore descriptions are given in accordance with the type of installation and measuring systems

SIST EN ISO 22477-5:2018
2018-12 (po) (en) 51 str. (J)
Geotehnično preiskovanje in preskušanje - Preskušanje geotehničnih konstrukcij - 5. del: Preskušanje injektiranih sider (ISO 22477-5:2018)
Geotechnical investigation and testing - Testing of geotechnical structures - Part 5: Testing of grouted anchors (ISO 22477-5:2018)
Osnova: EN ISO 22477-5:2018
ICS: 93.020

This Standard establishes specifications for the execution of tension tests to be carried out on an anchor grouted in the ground, as defined in EN 1997-1 and EN 1537. Three methods of test are recognised by this Standard. Method 1 involves cyclic tension loading with measurement of displacement at the load stages. Method 2 involves cyclic tension loading with measurement of loss of load after lock-off at peak load and Method 3 involves step-loading with measurement of displacement under successive maintained tension loads.
The standard provides specifications for three types of tension tests as defined in EN 1997-1 and EN 1537: investigation tests, suitability tests and acceptance tests.
The standard provides specifications for the experimental devices, the measurement apparatus, the test procedures, the definition and the presentation of the test results and the content of records.

SIST/TC KŽP Kmetijski pridelki in živilski proizvodi

SIST EN ISO 18363-2:2018
2018-12 (po) (en) 30 str. (G)
Živalske in rastlinske maščobe in olja - Ugotavljanje na maščobno kislino vezanih kloropropanediolov (MCPD) in glicidola z GC/MS - 2. del: Metoda z uporabo počasnega alkalnega preestrenja in meritev 2-MCPD, 3-MCPD in glicidola (ISO 18363-2:2018)
Animal and vegetable fats and oils - Determination of fatty-acid-bound chloropropanediols (MCPDs) and glycidol by GC/MS - Part 2: Method using slow alkaline transesterification and measurement for 2-MCPD, 3-MCPD and glycidol (ISO 18363-2:2018)
Osnova: EN ISO 18363-2:2018
ICS: 67.200.10

This part of ISO 18363 describes a procedure for the parallel determination of glycidol together with 2-MCPD and 3-MCPD present in bound or free form in oils and fats. The method is based on alkalinecatalyzed ester cleavage, transformation of the released glycidol into monobromopropanediol

(MBPD) and derived free diols (MCPD and MBPD) with phenylboronic acid (PBA). Though free MCPD and glycidol are supposed to be present in fats and oils in low to negligible quantities only, significant content would increase proportionately the determination of bound analytes.
This method is applicable to solid and liquid fats and oils. This part of ISO 18363 can also apply to animal fats and used frying oils and fats, but a validation study must be undertaken before the analysis of these matrices.
Milk and milk products (or fat coming from milk and milk products) are excluded from the scope of this international standard.

SIST ISO 2256:1997/A1:2018
2018-12 (po) (en) 4 str. (A)
Sušena meta (Mentha spicata Linnaeus syn. Mentha viridis Linnaeus) - Specifikacija (ISO 2256:1984/Amd 1:2017)
Dried mint (spearmint) (Mentha spicata Linnaeus syn. Mentha viridis Linnaeus) – Specification (ISO 2256:1984/Amd 1:2017)
Osnova: ISO 2256:1984/Amd 1:2017
ICS: 67.220.10

Dopolnilo A1:2018 je dodatek k standardu SIST ISO 2256:1997.
This International Standard specifies requirements for leaves of dried mint (spearmin#) in whole, broken or rubbed form.
The term “dried mint” includes dehydrated mint, i.e. artificially dried mint.
It does not apply to dried peppermint, for which requirements are given in IS0 5563.
Recommendations relating to storage and transport conditions are given in the annex.

SIST/TC LLZ Les, lesni izdelki in zaščita lesa

SIST EN 13756:2018 SIST EN 13756:2003
2018-12 (po) (en,fr,de) 76 str. (L)
Lesene talne obloge in parket - Terminologija
Wood flooring and parquet - Terminology
Osnova: EN 13756:2018
ICS: 97.150, 79.080, 01.040.79

This European Standard defines terms and their definitions relating to wood flooring.

SIST EN 16818:2018
2018-12 (po) (en;fr;de) 15 str. (D)
Trajnost lesa in lesnih izdelkov - Dinamika vlaženja lesa in lesnih izdelkov
Durability of wood and wood-based products - Moisture dynamics of wood and wood-based products

Osnova: CEN/TS 16818:2018
ICS: 79.040, 79.080

This European Standard specifies a method for determining the water uptake and the effectiveness of the drying process of solid wood, wood based materials or coated wood by means of water absorption and water vapour desorption. This European Standard lays down a method to assess the moisture dynamics of wooden products and indirectly their susceptibility to wood rot.

SIST/TC MOC Mobilne komunikacije

SIST EN IEC 61290-4-4:2018
2018-12 (po) (en) 16 str. (D)
Optični ojačevalniki - Preskusne metode - 4-4. del: Prehodni parametri ojačenja - Enokanalni optični ojačevalniki s krmiljenjem ojačenja (IEC 61290-4-4:2018)
Optical amplifiers - Test methods - Part 4-4: Gain transient parameters - Single channel optical amplifiers with gain control (IEC 61290-4-4:2018)
Osnova: EN IEC 61290-4-4:2018
ICS: 33.180.30

This part of IEC 61290-4 applies to optical amplifiers (OAs) and optically amplified elementary subsystems. More specifically, it applies to OAs using active fibres (optical fibre amplifiers, OFAs) containing rare-earth dopants, such as erbium doped fibre amplifiers (EDFAs), presently commercially available, as indicated in IEC 61291-1.
This document provides the general background for optical amplifier gain transients and their measurements and indicates those IEC standard test methods for accurate and reliable measurements of the following transient parameters:
a) optical input power increase/decrease transient gain overshoot and transient net gain overshoot;
b) optical input power increase/decrease transient gain undershoot and transient net gain undershoot;
c) optical input power increase/decrease gain offset;
d) optical input power increase/decrease transient gain response constant (settling time).
These parameters have been included to provide a complete description of the transient behaviour of gain controlled OA. The parameters defined here are applicable if the amplifier is an OFA or an alternative type of OA.

SIST EN IEC 61757-1:2018 SIST EN 61757-1:2012
2018-12 (po) (en) 41 str. (I)
Optična zaznavala - 1. del: Splošna specifikacija (IEC 61757:2018)
Fibre optic sensors - Part 1: Generic specification (IEC 61757:2018)
Osnova: EN IEC 61757:2018
ICS: 33.180.99

This document is a generic specification covering optical fibres, components and subassemblies as they pertain specifically to fibre optic sensing applications. It has been designed to be used as a common working and discussion tool by the vendors of components and subassemblies intended to be integrated in fibre optic sensors, as well as by designers, manufacturers and users of fibre optic sensors independent of any application or installation.
The objective of this document is to define, classify and provide the framework for specifying fibre optic sensors, and their specific components and subassemblies. The require ments of this document apply to all related fibre optic sensor standards which belong to IEC 61757 (all parts). Standards of IEC 61757 (all parts) contain requirements specific to sensors for particular quantities subject to measurement, and for a particular style or variant of such a fibre optic sensor.

SIST/TC MOV Merilna oprema za elektromagnetne veličine

SIST EN 60204-1:2018 SIST EN 60204-1:2006
SIST EN 60204-1:2006/A1:2009
2018-12 (po) (en;fr;de) 150 str. (P)
Varnost strojev - Električna oprema strojev - 1. del: Splošne zahteve (IEC 60204-1:2016, spremenjen)
Safety of machinery - Electrical equipment of machines - Part 1: General requirements (IEC 60204-1:2016 modified)
Osnova: EN 60204-1:2018
ICS: 13.110, 29.020

Ta del standarda IEC 60204 se uporablja za električno, elektronsko ter programirljivo elektronsko opremo in sisteme za stroje, ki niso ročno prenosljivi med delom, vključno s skupino strojev, ki delujejo skupaj in usklajeno.
OPOMBA 1: Ta del standarda IEC 60204 je standard uporabe in ni namenjen omejevanju ali onemogočanju tehnološkega napredka.
OPOMBA 2: V tem delu standarda IEC 60204 izraz »električni« zajema električne, elektronske in programirljive elektronske zadeve (tj. »električna oprema« pomeni električno, elektronsko in programirljivo elektronsko opremo).
OPOMBA 3: V okviru tega dela standarda IEC 60204 izraz »oseba« zajema vse posameznike in tiste osebe, ki so dodeljene za uporabo ter vzdrževanje te opreme in ki jim je to naročil uporabnik ali njegov zastopnik.
Oprema, ki je zajeta v tem delu standarda IEC 60204, se začne na točki povezave z napajanjem električne opreme stroja (glej točko 5.1).
OPOMBA 4: Zahteve za električne inštalacije so podane v skupini standardov IEC 60364. Ta del standarda IEC 60204 se uporablja za električno opremo ali dele električne opreme, ki delujejo pri nazivni napajalni napetosti največ 1000 V za izmenični tok (AC) in največ 1500 V za enosmerni tok (DC), pri čemer nazivna napajalna frekvenca ne presega 200 Hz.
OPOMBA 5: Informacije o električni opremi ali delih električne opreme, ki delujejo pri višji nazivni napajalni napetosti, je mogoče najti v standardu IEC 60204-11.
Ta del standarda IEC 60204 ne zajema vseh zahtev (na primer varovanja, spajanja ali nadzora), ki so potrebne ali zahtevane zaradi drugih standardov ali predpisov za zaščito oseb pred nevarnostmi, ki niso pogojene z virom električne energije. Vsaka vrsta stroja vključuje edinstvene zahteve, ki jih je treba izpolniti za zagotovitev ustrezne varnosti. Ta del standarda IEC 60204 vključuje zlasti (vendar ni omejen na) električno opremo strojev, kot je opredeljeno v točki 3.1.40.
OPOMBA 6: Dodatek C navaja primere strojev, katerih električno opremo je mogoče zajeti s tem delom standarda IEC 60204.
Ta del standarda IEC 60204 ne določa dodatnih in posebnih zahtev, ki lahko veljajo za električno opremo strojev, ki na primer:
– so namenjeni uporabi na prostem (tj. zunaj zgradb ali drugih zaščitnih struktur);
– uporabljajo, obdelujejo ali proizvajajo potencialno eksplozivni material (na primer barvo ali žagovino);
– so namenjeni uporabi v potencialno eksplozivnih in/ali vnetljivih atmosferah;
– predstavljajo posebna tveganja pri proizvodnji ali uporabi nekaterih materialov;
– so namenjeni uporabi v rudnikih;
– so šivalni stroji, enote in sistemi (ki so zajeti v standardu IEC 60204-31);
– so dvižni stroji (ki so zajeti v standardu IEC 60204-32);
– so polprevodniška proizvodna oprema (ki je zajeta v standardu IEC 60204-33).
Tokokrogi, pri katerih se električna energija neposredno uporablja kot delovno orodje, so izključeni iz tega dela standarda IEC 60204.

SIST EN 61204-3:2018 SIST EN 61204-3:2002
2018-12 (po) (en) 45 str. (I)
Nizkonapetostni stikalni napajalniki z enosmernim (DC) izhodom - 3. del: Elektromagnetna združljivost (EMC) (IEC 61204-3:2016)
Low voltage power supplies, d.c. output - Part 3: Electromagnetic compatibility (EMC) (IEC 61204-3:2016)
Osnova: EN IEC 61204-3:2018
ICS: 33.100.01, 29.200

Specifies electromagnetic compatibility (EMC) requirements for power supply units (PSUs) providing d.c. output(s) up to 200 V at a power level of up to 30 kW, operating from a.c. or d.c. source voltages of up to 600 V.

SIST EN 61800-3:2018 SIST EN 61800-3:2005
SIST EN 61800-3:2005/A1:2012

2018-12 (po) (en) 126 str. (O)

Električni pogonski sistemi z nastavljivo hitrostjo - 3. del: Zahteve za elektromagnetno združljivost in posebne preskusne metode (IEC 61800-3:2017)

Adjustable speed electrical power drive systems - Part 3: EMC requirements and specific test methods (IEC 61800-3:2017)

Osnova: EN IEC 61800-3:2018
ICS: 33.100.01, 29.200

Specifies electromagnetic compatibility (EMC) requirements for power drive systems (PDSs). A PDS is defined in 3.1. These are adjustable speed a.c. or d.c. motor drives. Requirements are stated for PDSs with converter input and/or output voltages (line-to-line voltage), up to 35 kV a.c. r.m.s.

SIST EN 62040-2:2018 SIST EN 62040-2:2006

2018-12 (po) (en) 51 str. (J)

Sistemi z neprekinjenim napajanjem - 2. del: Zahteve za elektromagnetno združljivost (EMC) (IEC 62040-2:2016)

Uninterruptible power systems (UPS) - Part 2: Electromagnetic compatibility (EMC) requirements (IEC 62040-2:2016)

Osnova: EN IEC 62040-2:2018
ICS: 33.100.01, 29.200

Is intended as a product standard allowing the EMC conformity assessment of products of categories C1, C2 and C3 as defined in this part of EN 62040, before placing them on the market.The requirements have been selected so as to ensure an adequate level of electromagnetic compatibility (EMC) for UPS at public and industrial locations.

SIST EN 62586-2:2017/AC:2018

2018-12 (po) (en,fr) 6 str. (AC)

Merjenje kakovosti električne energije v napajalnih sistemih - 2. del: Zahteve za funkcionalne preskuse in negotovost (IEC 62586-2:2017)

Power quality measurement in power supply systems - Part 2: Functional tests and uncertainty requirements

Osnova: EN 62586-2:2017/AC:2018-09
ICS: 17.220.20

Popravek k standardu SIST EN 62586-2:2017.
Standard IEC 62586-2:2017(E) določa zahteve za funkcionalne preskuse in negotovost za instrumente, katerih funkcije zajemajo merjenje, beleženje in morebitno nadzorovanje parametrov kakovosti električne energije v napajalnih sistemih ter katerih merilne metode (razred A ali razred S) so določene v standardu IEC 61000-4-30.
Ta dokument se uporablja za instrumente za kakovost napajanja v skladu s standardom IEC 62586-1.
Na ta dokument se lahko sklicujejo tudi drugi standardi za proizvode (npr. za digitalne snemalnike okvar, merilnike dohodka, srednjenapetostne in visokonapetostne zaščitne releje), ki opredeljujejo naprave s funkcijami kakovosti napajanja razreda A ali razreda S v skladu s standardom IEC 61000-4-30.
Te zahteve se uporabljajo v enofaznih, dvofaznih (razdeljena faza) in trifaznih izmeničnih napajalnih sistemih pri 50 Hz ali 60 Hz.
Druga izdaja razveljavlja in nadomešča prvo izdajo, objavljeno leta 2013. Ta izdaja je tehnično popravljena izdaja. Ta izdaja vključuje naslednje znatne tehnične spremembe glede na prejšnjo izdajo:
– dodani so preskusni postopki za RVC in tok;
– napake so popravljene.

SIST EN 62751-1:2014/A1:2018
2018-12 (po) (en;fr;de) 7 str. (B)
Izgube moči v napetostnih pretvorniških ventilih za visokonapetostne enosmerne sisteme - 1. del: Splošne zahteve (IEC 62751-1:2014/A1:2018)
Power losses in voltage sourced converter (VSC) valves for high-voltage direct current (HVDC) systems - Part 1: General requirements (IEC 62751-1:2014/A1:2018)
Osnova: EN 62751-1:2014/A1:2018
ICS: 29.240.01, 29.200

Dopolnilo A1:2018 je dodatek k standardu SIST EN 62751-1:2014.
Ta del standarda IEC 62751 določa splošne zahteve za izračun izgube moči v napetostnih pretvorniških ventilih (VSC) za uporabo v visokonapetostnih enosmernih sistemih (HVDC), neodvisno od topologije pretvornika. Točki 6 in 8 ter točke 9.1, 9.2 in A2.12 standarda se lahko prav tako uporabijo za izračun izgube moči v dinamičnih zavornih ventilih (kjer so uporabljeni) in kot smernice za izračun izgube moči v ventilih za namestitev STATCOM. Izgube moči v drugih elementih opreme v napravi HVDC, razen pretvorniških ventilov, so izključene iz področja uporabe tega standarda. Izgube moči v večini opreme v napravi VSC je mogoče izračunati s podobnimi postopki, ki so predpisani za sisteme HVDC s pretvorniki z linijsko komutacijo (LCC) v standardu IEC 61803. Dodatek A predstavlja glavne razlike med pretvorniki LCC in napravami VSC, HVDC, predvsem njihov vpliv na metodo določanja izgube moči druge opreme.
Ta standard se ne uporablja za pretvorniške ventile za sisteme HVDC s pretvorniki z linijsko komutacijo.

SIST EN IEC 61987-92:2018
2018-12 (po) (en;fr;de) 24 str. (F)
Meritve in krmiljenje v industrijskih procesih - Strukture podatkov in elementi v katalogih procesne opreme - 92. del: Seznam lastnosti merilne opreme za elektronsko izmenjavo podatkov - Vidik seznama lastnosti (IEC 61987-92:2018)
Industrial-process measurement and control - Data structures and elements in process equipment catalogues - Part 92: Lists of properties (LOP) of measuring equipment for electronic data exchange - Aspect LOPs (IEC 61987-92:2018)
Osnova: EN IEC 61987-92:2018
ICS: 35.240.50, 25.040.40, 01.110

This part of IEC 61987 provides LOPs describing aspects of equipment for industrial-process automation that is subject of this standard series.
The structures of the aspect LOPs correspond to the general structures defined in IEC 61987- 11 and agree with the fundamentals for the construction of LOPs defined in IEC 61987-10.
Libraries of properties and of blocks used in the aspect LOPs are listed in Annex B and Annex C.

SIST/TC NAD Naftni proizvodi, maziva in sorodni proizvodi

SIST-TP CEN/TR 17225:2018
2018-12 (po) (en) 32 str. (G)
Goriva in biogoriva - Ocenjevanje metod določevanja oksidacijske stabilnosti za destilatna goriva in njihove mešanice z metil estri maščobnih kislin (FAME)
Fuels and biofuels - Assessment on oxidation stability determination methods for distillate fuels and blends thereof with fatty acid methyl esters (FAME)
Osnova: CEN/TR 17225:2018
ICS: 75.160.01

This document presents an overview of existing oxidation stability determination methods is provided, with an emphasis on differences between the Rancimat (EN 14112/EN 15751) and PetroOxy (EN 16091) tests.

SIST/TC OGS Ogrevanje stavb

SIST-TS CEN/TS 17153:2018
2018-12 (po) (en;fr;de) 9 str. (C)
Prezračevanje stavb - Korekcija pretoka zraka glede na okoljske pogoje
Ventilation for buildings - Correction of air flow rate according to ambient conditions
Osnova: CEN/TS 17153:2018
ICS: 91.140.30

This document gives guidelines to correct the measured air flow rate when measuring conditions are different from standard conditions.
It applies to a power-law formula giving the air flow rate as a function of a pressure difference with an air flow rate coefficient, C, varying with temperature and pressure.
This document applies to:
- passive elements of air distribution systems with a cross-section area that does not depend on pressure;
- volume flow rate (and not mass flow rate).
This document is applicable to (but not limited to):
- EN 1507, Ventilation for buildings - Sheet metal air ducts with rectangular section - Requirements for strength and leakage;
- EN 1751, Ventilation for buildings - Air terminal devices - Aerodynamic testing of damper and valves;
- EN 12237, Ventilation for buildings - Ductwork - Strength and leakage of circular sheet metal ducts;
- EN 13141-1, Ventilation for buildings - Performance testing of components/products for residential ventilation - Part 1: Externally and internally mounted air transfer devices;
- EN 13141-2, Ventilation for buildings - Performance testing of components/products for residential ventilation - Part 2: Exhaust and supply air terminal devices;
- EN 13141-9, Ventilation for buildings - Performance testing of components/products for residential ventilation - Part 9: externally mounted humidity controlled air transfer device;
- EN 13141-10, Ventilation for buildings - Performance testing of components/products for residential ventilation - Part 10: humidity controlled extract air terminal device;
- EN 15727, Ventilation for buildings - Ducts and ductwork components, leakage classification and testing.
This document does not apply to:
- fans;
- air terminal devices with automatically controlled openings (variable openings).

SIST/TC OVP Osebna varovalna oprema

SIST EN 1073-1:2016+A1:2018 SIST EN 1073-1:2016
SIST EN 1073-1:2016/AC:2016
SIST EN 1073-1:2016/kprA1:2018
2018-12 (po) (en;fr;de) 33 str. (H)
Varovalna obleka pred trdnimi lebdečimi delci, vključno z radioaktivno kontaminacijo - 1. del: Zahteve in preskusne metode za varovalno obleko z dovodom zraka za zaščito pred onesnaženjem z radioaktivnimi delci
Protective clothing against solid airborne particles including radioactive contamination - Part 1: Requirements and test methods for compressed air line ventilated protective clothing, protecting the body and the respiratory tract
Osnova: EN 1073-1:2016+A1:2018
ICS: 13.340.10, 13.280

This European Standard specifies the requirements and test methods for protective clothing, ventilated by an independent supply of air from an uncontaminated source, protecting the body and the respiratory system of the wearer against solid airborne particles including radioactive contamination. This kind of protective clothing can be provided with an emergency breathing facility.

This European Standard does not apply for the protection against ionizing radiation and the protection of patients against contamination with radioactive substances by diagnostic and/or therapeutic measures.
If additional protection against chemicals is required, reference should be made to the relevant standard and/or CEN/TR 15419.

SIST EN 1149-5:2018 SIST EN 1149-5:2008
2018-12 (po) (en;fr;de) 13 str. (D)
Varovalna obleka - Elektrostatične lastnosti - 5. del: Lastnosti materialov in zahteve za načrtovanje
Protective clothing - Electrostatic properties - Part 5: Material performance and design requirements
Osnova: EN 1149-5:2018
ICS: 13.340.10

This European Standard specifies material and design requirements for electrostatic dissipative protective clothing, used as part of a total earthed system, to avoid incendiary discharges. The requirements may not be sufficient in oxygen enriched flammable atmospheres. This European Standard is not applicable for protection against mains voltages.

SIST EN 13832-1:2018 SIST EN 13832-1:2006
2018-12 (po) (en;fr;de) 18 str. (E)
Obutev za varovanje pred kemikalijami - 1. del: Izrazje in preskusne metode
Footwear protecting against chemicals - Part 1: Terminology and test methods
Osnova: EN 13832-1:2018
ICS: 13.340.50

Specifies terminology and test methods for footwear protecting against chemicals.

SIST EN 16523-1:2015+A1:2018 SIST EN 16523-1:2015
2018-12 (po) (en;fr;de) 29 str. (G)
Ugotavljanje odpornosti materiala proti pronicanju kemikalij - 1. del: Pronicanje potencialno nevarnih tekočih kemikalij pri pogojih neprestanega stika
Determination of material resistance to permeation by chemicals - Part 1: Permeation by potentially hazardous liquid chemicals under conditions of continuous contact
Osnova: EN 16523-1:2015+A1:2018
ICS: 13.340.01

This European Standard specifies a test method for the determination of the resistance of protective clothing, gloves and footwear materials to permeation by potential hazardous liquid chemicals under the condition of continuous contact.
This test method is applicable to the assessment of protection against liquid chemicals that can be collected only by liquid or gaseous collecting media.
This test method is not adapted for the assessment of chemical mixtures, except for aqueous solutions.
This standard shall be used with the specifications given in the products standards (for examples EN 374 1 for gloves) where the following information shall be defined:
- any pre-conditioning;
- precise sampling (place, size, number);
- associated levels of performance.

SIST EN ISO 11393-1:2018 SIST EN 381-1:1996
2018-12 (po) (en) 23 str. (F)
Varovalna obleka za uporabnike ročnih verižnih žag - 1. del: Oprema za preskušanje odpornosti proti urezu z verižno žago (ISO 11393-1:2018)
Protective clothing for users of hand-held chainsaws - Part 1: Test rig for testing resistance to cutting by a chainsaw (ISO 11393-1:2018)
Osnova: EN ISO 11393-1:2018
ICS: 13.340.10

This part of ISO 11393 specifies the test rig to be used to assess the resistance of personal protective equipment to cutting by hand-held chain-saws. It also describes the calibration procedure.

SIST EN ISO 11393-3:2018 SIST EN 381-3:1996
2018-12 (po) (en) 18 str. (E)
Varovalna obleka za uporabnike ročnih verižnih žag - 3. del: Preskusne metode za obutev (ISO 11393-3:2018)
Protective clothing for users of hand-held chainsaws - Part 3: Test methods for footwear (ISO 11393-3:2018)
Osnova: EN ISO 11393-3:2018
ICS: 13.340.50

This part of ISO 11393 specifies test methods to be used to assess the resistance of footwear to cutting by hand-held chain-saws.
This part of ISO 11393 is applicable only to footwear with integral protection.
NOTE Methods for testing other forms of foot and leg protection (e.g. gaiters) against hand-held chain-saws will be covered in other parts of ISO 11393.

SIST/TC PCV Polimerne cevi, fitingi in ventili

SIST EN ISO 11296-3:2018 SIST EN ISO 11296-3:2011
2018-12 (po) (en) 25 str. (F)
Cevni sistemi iz polimernih materialov za obnovo podzemnih omrežij za odvodnjavanje in kanalizacijo za obratovanje brez tlaka (vodi s prosto gladino) - 3. del: Oblaganje s tesno prilagodljivimi cevmi (ISO 11296-3:2018)
Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks - Part 3: Lining with close-fit pipes (ISO 11296-3:2018)
Osnova: EN ISO 11296-3:2018
ICS: 23.040.05, 93.030, 91.140.80

This document, in conjunction with ISO 11296-1, specifies requirements and test methods for close-fit lining systems used for the renovation of underground non-pressure drainage and sewerage networks. It applies to pipes and fittings made of polyethylene (PE) or unplasticized poly(vinyl chloride) (PVC-U) as manufactured, as well to the installed lining system with its associated joints.

SIST EN ISO 11297-3:2018 SIST EN ISO 11297-3:2013
2018-12 (po) (en) 26 str. (F)
Cevni sistemi iz polimernih materialov za obnovo podzemnih omrežij za odvodnjavanje in kanalizacijo pod tlakom - 3. del: Oblaganje s tesno prilagodljivimi cevmi (ISO 11297-3:2018)
Plastics piping systems for renovation of underground drainage and sewerage networks under pressure - Part 3: Lining with close-fit pipes (ISO 11297-3:2018)
Osnova: EN ISO 11297-3:2018
ICS: 23.040.05, 93.030, 91.140.80

This document, in conjunction with ISO 11297-1, specifies requirements and test methods for close-fit lining systems intended to be used for the renovation of underground drainage and sewerage networks under pressure.
It applies to pipes and fittings, as manufactured, as well as to the installed lining system. It is applicable to polyethylene (PE) pipes of either solid wall single layer or co-extruded layer construction, which is reduced in the factory or on site to provide a close-fitting independent or interactive pressure pipe liner, as well as associated fittings and joints for the construction of the lining system. It is not applicable to PE coated pipes having a peelable, contiguous, thermoplastic additional layer on the outside of the pipe. It is applicable to PE pipes, fittings and assemblies intended to be used at an operating temperature of 20 °C as the reference temperature.
NOTE For applications operating at constant temperatures greater than 20 °C and up to 40 °C, see ISO 4427-1:2007, Annex A.

SIST EN ISO 11298-3:2018 SIST EN ISO 11298-3:2011
2018-12 (po) (en) 26 str. (F)
Cevni sistemi iz polimernih materialov za obnovo podzemnih omrežij za oskrbo z vodo - 3. del: Oblaganje s tesno prilagodljivimi cevmi (ISO 11298-3:2018)
Plastics piping systems for renovation of underground water supply networks - Part 3: Lining with close-fit pipes (ISO 11298-3:2018)
Osnova: EN ISO 11298-3:2018
ICS: 23.040.03, 93.025

This document, in conjunction with ISO 11298-1, specifies requirements and test methods for close-fit lining systems intended to be used for the renovation of water supply networks, which transport water intended for human consumption, including raw water intake pipelines.
It applies to pipes and fittings, as manufactured, as well as to the installed lining system. It is applicable to polyethylene (PE) pipes of either solid wall single layer or co-extruded layer construction, which is reduced in the factory or on site to provide a close-fitting independent or interactive pressure pipe liner, as well as associated fittings and joints for the construction of the lining system. It is not applicable to PE coated pipes having a peelable, contiguous, thermoplastic additional layer on the outside of the pipe. It is applicable to PE pipes, fittings and assemblies intended to be used at an operating temperature of 20 °C as the reference temperature. NOTE For applications operating at constant temperatures greater than 20 °C and up to 40 °C, see ISO 4427-1:2007, Annex A.

SIST EN ISO 13056:2018 SIST EN 12294:2000
2018-12 (po) (en) 9 str. (C)
Cevni sistemi iz polimernih materialov - Tlačni sistemi za toplo in hladno vodo - Preskusna metoda za ugotavljanje tesnosti pod podtlakom (ISO 13056:2011)
Plastics piping systems - Pressure systems for hot and cold water - Test method for leaktightness under vacuum (ISO 13056:2011)
Osnova: EN ISO 13056:2018
ICS: 91.140.60, 23.040.01

This International Standard specifies a method for testing the leaktightness under vacuum of joints for thermoplastics piping systems.
It is applicable to piping systems based on thermoplastics pipes intended to be used in hot and cold water pressure applications.

SIST EN ISO 15494:2018 SIST EN ISO 15494:2016

2018-12 (po) (en) 110 str. (N)

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 (ISO 15494:2015)

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 (ISO 15494:2015)

Osnova: EN ISO 15494:2018

ICS: 23.040.01

ISO 15494:2015 specifies the characteristics and requirements for components such as pipes, fittings, and valves made from one of the following materials intended to be used for thermoplastics piping systems in the field of industrial applications above and below ground:
- polybutene (PB);
- polyethylene (PE);
- polyethylene of raised temperature resistance (PE-RT);
- crosslinked polyethylene (PE-X);
- polypropylene (PP).

NOTE 1 Requirements for industrial valves are given in this International Standard and/or in other standards. Valves are to be used with components conforming to this International Standard provided that they conform additionally to the relevant requirements of this International Standard.

This International Standard is applicable to either PB, PE, PE-RT, PE-X, or PP pipes, fittings, valves, and their joints and to joints with components of other plastics and non-plastic materials, depending on their suitability, intended to be used for the conveyance of liquid and gaseous fluids as well as solid matter in fluids for industrial applications such as the following:
- chemical plants;
- industrial sewerage engineering;
- power engineering (cooling and general purpose water);
- mining;
- electroplating and pickling plants;
- semiconductor industry;
- agricultural production plants;
- fire fighting;
- water treatment;
- geothermal.

NOTE 2 Where relevant, national regulations (e.g. water treatment) are applicable.

Other application areas are permitted if the requirements of this International Standard and/or applicable national requirements are fulfilled.

National regulations in respect of fire behaviour and explosion risk are applicable.

The components have to withstand the mechanical, thermal, and chemical demands to be expected and have to be resistant to the fluids to be conveyed.

SIST EN ISO 19892:2018 SIST EN 12295:2000

2018-12 (po) (en) 10 str. (C)

Cevni sistemi iz polimernih materialov - Plastomerne cevi in fitingi za hladno in toplo vodo - Preskusna metoda za ugotavljanje odpornosti spojev proti cikličnim spremembam tlaka (ISO 19892:2011)

Plastics piping systems - Thermoplastics pipes and fittings for hot and cold water - Test method for the resistance of joints to pressure cycling (ISO 19892:2011)

Osnova: EN ISO 19892:2018

ICS: 23.040.60, 91.140.60

ISO 19892:2011 specifies a method for testing the resistance of joints to pressure cycling. It is applicable to piping systems based on thermoplastics pipes intended to be used in hot and cold water applications.

SIST EN ISO 19893:2018 SIST EN 12293:2000
2018-12 (po) (en) 14 str. (D)
Cevni sistemi iz polimernih materialov - Plastomerne cevi in fitingi za hladno in toplo vodo - Preskusna metoda za ugotavljanje odpornosti sistema proti cikličnim temperaturnim spremembam (ISO 19893:2011)
Plastics piping systems - Thermoplastics pipes and fittings for hot and cold water - Test method for the resistance of mounted assemblies to temperature cycling (ISO 19893:2011)
Osnova: EN ISO 19893:2018
ICS: 23.040.01, 91.140.60

ISO 19893:2011 specifies a method for testing the resistance to temperature cycling of joints for piping systems with rigid or flexible thermoplastics pipes.
It is applicable to thermoplastics piping systems intended to be used in hot and cold water pressure applications.

SIST/TC PIP Pigmenti in polnila

SIST EN ISO 18451-2:2018 SIST EN ISO 18451-2:2017
2018-12 (po) (en;fr;de) 23 str. (F)
Pigmenti, barvila in polnila - Terminologija - 2. del: Razvrstitev sredstev za obarvanje glede na barvne in kemijske lastnosti (ISO 18451-2:2018)
Pigments, dyestuffs and extenders - Terminology - Part 2: Classification of colouring materials according to colouristic and chemical aspects (ISO 18451-2:2018)
Osnova: EN ISO 18451-2:2018
ICS: 01.040.87, 87.060.10

This document applies to the industry producing colouring materials and the consumer who uses the products of this industry. In this document, the colouring materials are classified in accordance with colouristic and chemical aspects.
Some dyestuffs for use in the ceramics and food industries are listed as examples.

SIST EN ISO 18473-1:2018
2018-12 (po) (en;fr;de) 13 str. (D)
Funkcionalni pigmenti in polnila za posebno uporabo - 1. del: Nano kalcijev karbonat za tesnjenje (ISO 18473-1:2015)
Functional pigments and extenders for special applications - Part 1: Nanoscale calcium carbonate for sealant application (ISO 18473-1:2015)
Osnova: EN ISO 18473-1:2018
ICS: 87.060.10

ISO 18473-1:2015 specifies requirements and corresponding methods of test for surface treated nanoscale calcium carbonate in powder form for sealant application.

SIST EN ISO 18473-2:2018
2018-12 (po) (en;fr;de) 11 str. (C)
Funkcionalni pigmenti in polnila za posebno uporabo - 2. del: Nano titanov dioksid za zaščito pred soncem (ISO 18473-2:2015)
Functional pigments and extenders for special applications - Part 2: Nanoscale titanium dioxide for sunscreen application (ISO 18473-2:2015)
Osnova: EN ISO 18473-2:2018
ICS: 87.060.10

ISO 18473-2:2015 specifies requirements and corresponding methods of test for nanoscale titanium dioxide in powder form for sunscreen application. This part of ISO 18473 covers the surface modified, TiO2.

SIST/TC PKG Preskušanje kovinskih gradiv

SIST EN 17119:2018
2018-12 (po) (en;fr;de) 13 str. (D)
Neporušitveno preskušanje - Termografsko preskušanje - Aktivna termografija
Non-destructive testing - Thermographic testing - Active thermography
Osnova: EN 17119:2018
ICS: 19.100

This document defines the procedures for non-destructive testing using active thermography.
These testing procedures can be applied to different materials (e.g. composites, metals and coatings) and are appointed, but not limited to the:
- detection of discontinuities (e.g. voids, cracks, inclusions, delamination);
- determination of layer or part thicknesses;
- determination and comparison of thermophysical properties.
This standard is describing data acquisition and analysis principles for active thermography and is giving an informative guideline for appropriate selection of the excitation source. Acceptance criteria are not defined in this standard.
Active thermography is applied in industrial production (compound materials, vehicle parts, engine parts, power plant parts, joining technology, electronic devices, etc) and in maintenance and repair (aerospace, power plants, civil engineering, etc).

SIST EN ISO 11699-2:2018 SIST EN ISO 11699-2:2012
2018-12 (po) (en;fr;de) 18 str. (E)
Neporušitveno preskušanje - Filmi za industrijsko radiografijo - 2. del: Kontrola razvijanja filmov s pomočjo referenčnih vrednosti (ISO 11699-2:2018)
Non-destructive testing - Industrial radiographic films - Part 2: Control of film processing by means of reference values (ISO 11699-2:2018)
Osnova: EN ISO 11699-2:2018
ICS: 19.100, 37.040.25

This document specifies a procedure for the control of film processing systems.

SIST EN ISO 204:2018 SIST EN ISO 204:2011
2018-12 (po) (en;fr;de) 61 str. (K)
Kovinski materiali - Preskušanje nesoosnega lezenja pri nategu - Metoda preskušanja (ISO 204:2018)
Metallic materials - Uniaxial creep testing in tension - Method of test (ISO 204:2018)
Osnova: EN ISO 204:2018
ICS: 77.040.10

This document specifies the methods for
a) uninterrupted creep tests with continuous monitoring of extension,
b) interrupted creep tests with periodic measurement of elongation,
c) stress rupture tests where normally only the time to fracture is measured,
d) a test to verify that a predetermined time can be exceeded under a given force, with the elongation or extension not necessarily being reported.
NOTE A creep test can be continued until fracture has occurred or it can be stopped before fracture.

SIST/TC POZ Požarna varnost

SIST EN 13565-2:2018

SIST EN 13565-2:2009
SIST EN 13565-2:2009/AC:2009
SIST EN 13565-2:2009/AC:2010

2018-12 (po) (en;fr;de) 47 str. (I)

Vgrajeni gasilni sistemi - Sistemi za gašenje s peno - 2. del: Načrtovanje, izvedba in vzdrževanje

Fixed firefighting systems - Foam systems - Part 2: Design, construction and maintenance

Osnova: EN 13565-2:2018
ICS: 13.220.10

This European Standard specifies the requirements and describes the methods for design, installation, testing and maintenance of low, medium, and high expansion foam fire extinguishing systems.
This European Standard provides guidance for the design of various foam systems available to persons with knowledge and experience in determining the selection of foam fire extinguishing systems which will be effective in protecting specific hazard configurations. The requirement for foam systems derives from risk assessment by those competent to carry out such assessments which are outside the scope of this European Standard.
This European Standard does not cover a risk analysis carried out by a competent person.
Nothing in this European Standard is intended to restrict new technologies or alternative arrangements, provided that the level of safety prescribed in this standard is not lowered, and supported by documented evidence/test reports.
All foam systems are generally unsuitable for the following:
- chemicals, such as cellulose nitrate, that release sufficient oxygen or other oxidising agents which can sustain combustion;
- energized unenclosed electrical equipment;
- metals such as sodium, potassium and sodium-potassium alloys which are reactive to water;
- hazardous, water–reactive materials such as triethyl-aluminium and phosphorous pentoxide;
- combustible metals such as aluminium and magnesium.

SIST EN 54-7:2018

SIST EN 54-7:2001
SIST EN 54-7:2001/A1:2002
SIST EN 54-7:2001/A2:2006

2018-12 (po) (en;fr;de) 79 str. (L)

Sistemi za odkrivanje in javljanje požara ter alarmiranje - 7. del: Dimni javljalniki - Točkovni javljalniki na principu sipanja svetlobe, prepuščene svetlobe ali ionizacije

Fire detection and fire alarm systems - Part 7: Smoke detectors - Point smoke detectors that operate using scattered light, transmitted light or ionization

Osnova: EN 54-7:2018
ICS: 13.320, 13.220.20

This draft European Standard specifies requirements, test methods and performance criteria for point smoke detectors that operate using scattered light, transmitted light or ionization, intended for use in fire detection and fire alarm systems installed in and around buildings (see EN 54 1:2011).
This European standard provides for the assessment of verification of consistency of performance (AVCP) of point smoke detectors to this EN.
For other types of smoke detector, or smoke detectors working on different principles, this standard should only be used for guidance. Smoke detectors with special characteristics and developed for specific risks are not covered by this standard.
NOTE Certain types of detector contain radioactive materials. The national requirements for radiation protection differ from country to country and they are not specified in this standard.

SIST ISO 5925-1:2018/A1:2018
2018-12 (po) (en) 5 str. (B)
Požarni preskusi - Dimna vrata z opremo - 1. del: Preskus tesnosti pri sobni in srednji temperaturi - Dopolnilo A1 (ISO 5925-1:2007/Amd 1:2015)
Fire tests — Smoke-control door and shutter assemblies — Part 1: Ambient-and medium-temperature leakage tests - Amendment 1 (ISO 5925-1:2007/Amd 1:2015)
Osnova: ISO 5925-1:2007/Amd 1:2015
ICS: 91.060.50, 13.220.50

Dopolnilo A1:2018 je dodatek k standardu
Preskus, opisan v tem delu standarda ISO 5925, določa stopnjo uhajanja dima pri sobni (hladni) in srednji (topli) temperaturi z ene strani vrat z opremo na drugo stran pod opredeljenimi preskusnimi pogoji. Preskus se uporablja za sestave vrat in opreme z različnimi konfiguracijami, ki so namenjeni nadzorovanju prehajanja dima v primeru požara.
Sprejemljive stopnje uhajanja v različnih situacijah niso obravnavane v tem delu standarda ISO 5925, temveč so opredeljene v predpisih nadzornih organov.
Načelo preskusa je na kratko pojasnjeno v dodatku A.

SIST-TS CEN/TS 54-14:2018 SIST-TS CEN/TS 54-14:2004
2018-12 (po) (en;fr;de) 90 str. (M)
Sistemi za odkrivanje in javljanje požara ter alarmiranje - 14. del: Smernice za načrtovanje, projektiranje, vgradnjo, preverjanje, uporabo in vzdrževanje
Fire detection and fire alarm systems - Part 14: Guidelines for planning, design, installation, commissioning, use and maintenance
Osnova: CEN/TS 54-14:2018
ICS: 13.320, 13.220.20

This Technical Specification provides guidelines for the application of automatic fire detection and fire alarm systems in and around buildings. The guideline covers planning, design, installation, commissioning, use and maintenance of the systems.
The guidelines cover systems intended for the protection of life and/or the protection of property. The guidelines cover systems with a control and indicating equipment and at least one manual call point or one fire detector. In the event of a fire the systems may be capable of providing signals to initiate the operation of ancillary equipment (such as fixed fire extinguishing systems) and other precautions and actions (such as machinery shutdown or remote transmission of alarms). These guidelines do not cover the ancillary services themselves or ancillary circuits to interface with them.
The guidelines do not cover systems combining fire alarm functions with other non-fire related functions.
The guidelines do not recommend whether or not an automatic fire detection and/or fire alarm system should be installed in any given premises.
It has been assumed in the drafting of these guidelines that they are used by appropriately competent persons. However, guidance is also given to other persons purchasing or using a fire detection and / or fire alarm system.
Smoke alarms according to EN 14604 are not fire detection and fire alarm systems.

SIST/TC PSE Procesni sistemi v energetiki

SIST EN 61850-6:2010/A1:2018
2018-12 (po) (en) 188 str. (R)
Komunikacijska omrežja in sistemi v postajah - 6. del: Jezik za opisovanje konfiguracije za komunikacijo v postajah z inteligentnimi elektronskimi napravami (IED) - Dopolnilo A1
Communication networks and systems for power utility automation - Part 6: Configuration description language for communication in electrical substations related to IEDs
Osnova: EN 61850-6:2010/A1:2018
ICS: 29.240.30, 33.200

Dopolnilo A1:2018 je dodatek k standardu SIST EN 61850-6:2010.

Ta del IEC 61850 določa format datotek za opisovanje konfiguracije za komunikacijo v postajah z inteligentnimi elektronskimi napravami (IED) in IED parametrov, konfiguracije komunikacijskih sistemov, (funkcijske) strukture stikališč in odnose med njimi. Glavni namen tega formata je izmenjava opisov IED zmogljivosti in SA sistemskih opisov med IED inženirskimi orodji in enim ali več sistemskimi inženirskimi orodji različnih proizvajalcev na združljiv način. Definirani jezik se imenuje jezik za opisovanje konfiguracije sistemov (SCL). IED in model komunikacijskega sistema v SCL je v skladu z IEC 61850-5 in IEC 61850-7-x. V ustreznih delih se lahko zahtevajo SCSM posebne končnice ali pravila uporabe. Konfiguracijski jezik je osnovan na razširljivem označevalnem jeziku (XML) različica 1.0 (glej XML reference v Klavzuli 2). Ta standard ne določa posameznih implementacij ali proizvodov, ki uporabljajo jezik, niti ne omejuje implementacije entitet in vmesnikov znotraj računalniškega sistema. Ta del standarda ne določa oblike snemanja konfiguracijskih podatkov na IED, čeprav bi se lahko uporabljal za del konfiguracijskih podatkov.

SIST EN IEC 62325-503:2018

2018-12 (po) (en) 90 str. (M)

Okvir za komunikacije na trgu z električno energijo - 503. del: Smernice za izmenjavo podatkov na trgu za profil IEC 62325-351

Framework for energy market communications - Part 503: Market data exchanges guidelines for the IEC 62325-351 profile

Osnova: EN IEC 62325-503:2018

ICS: 33.200, 29.240.30

This part of IEC 62325 is for European electricity markets. This document specifies a standard for a communication platform which every Transmission System Operator (TSO) in Europe can use to exchange reliably and securely documents for the energy market. Consequently a European market participant (TSO, regional supervision centre, distribution utility, power exchange, etc.) could benefit from a single, common, harmonised and secure platform for message exchange with other participants; thus, reducing the cost of building different information technology (IT) platforms to interface with all the parties involved.

“MADES” (MArket Data Exchange Standard) is the acronym to designate this standard. MADES is a specification for a decentralised common communication platform based on international IT standards:

• From an application program perspective, MADES specifies the software interfaces to exchange electronic documents with peer applications. Such interfaces mainly provide means to send and receive documents using a so-called “MADES communication system” (or "MADES system" or simply "system"). The sender can request about the status of the delivery of a document and the recipient issues a message back, the acknowledgement, when receiving the document. This makes a MADES system usable for exchanging documents in business processes requiring a reliable delivery.

• MADES also specifies services hidden to the applications such as recipient localisation, recipient connection status, message routing and security. Services include directory, authentication, signing, encryption, message tracking, message logging and message temporary storage.

The purpose of MADES is to create a secured message exchange standard based on standard communication protocols and utilising IT best practices for exchanging data over any TCP/IP communication network, in order to facilitate business-to-business (B2B) information exchanges as described in IEC 62325-351 and the IEC 62325-451 series.

A MADES system acts as a post-office organisation: the transported object is a “message” in which the document of the sender is securely packaged in an envelope containing metadata, which is necessary information for transportation, tracking and delivery.

SIST/TC PVS Fotonapetostni sistemi

SIST EN 62446-1:2016/A1:2018
2018-12 (po) (en) 10 str. (C)
Fotonapetostni sistemi - Zahteve za preskušanje, dokumentiranje in vzdrževanje - 1. del: Sistemi, priključeni na omrežje -Dokumentacija, prevzemni preskusi in nadzor - Dopolnilo A1
Photovoltaic (PV) systems - Requirements for testing, documentation and maintenance - Part 1: Grid connected systems - Documentation, commissioning tests and inspection
Osnova: EN 62446-1:2016/A1:2018
ICS: 27.160

Dopolnilo A1:2018 je dodatek k standardu SIST EN 62446-1:2016.
V tem delu standarda IEC 62446 so navedene informacije in dokumentacija, ki jo je treba predati stranki po namestitvi mreže, povezane s fotonapetostnim (PV) sistemom. V njem so opisani tudi zagonski preskusi, merila inšpekcijskih pregledov in dokumentacija, s katerimi se pričakuje, da bo preverjena varnost inštalacije ter pravilno delovanje sistema. Uporablja se lahko tudi za periodično vnovično preskušanje.
Ta del standarda IEC 62446 je napisan za mrežo, povezano s fotonapetostnimi sistemi, ki ne uporabljajo sistemov za shranjevanje energije (npr. baterij) ali hibridnih sistemov.
Ta del standarda IEC 62446 je kot predloga za zagotovitev učinkovite dokumentacije stranki namenjen za projektante sistemov in inštalaterje mrež, povezanih s solarnimi fotonapetostnimi sistemi. S podrobno navedbo pričakovanih zagonskih preskusov in meril za inšpekcijske preglede je namen tega standarda tudi zagotovitev pomoči pri preverjanju/inšpekciji mreže, povezane s fotonapetostnim sistemom, po namestitvi in pri nadaljnjih vnovičnih inšpekcijskih pregledih, vzdrževanju in spremembah.
Ta del standarda IEC 62446 določa različne preskusne režime, ki se pričakujejo za različne vrste solarnih fotonapetostnih sistemov, da se zagotovi ustreznost preskusnega režima glede na velikost, vrsto in kompleksnost zadevnega sistema.
OPOMBA: Ta del standarda IEC 62446 ne obravnava koncentriranih fotonapetostnih sistemov (CPV), vendar pa se lahko zanje uporabijo številni deli.

SIST EN IEC 61853-3:2018
2018-12 (po) (en) 16 str. (D)
Preskušanje zmogljivosti in energijske učinkovitosti fotonapetostnega (PV) modula - 3. del: Energijska učinkovitost fotonapetostnega (PV) modula
Photovoltaic (PV) module performance testing and energy rating - Part 3: Energy rating of PV modules
Osnova: EN IEC 61853-3:2018
ICS: 27.160, 27.015

This part of IEC 61853 describes the calculation of PV module energy rating values. IEC 61853-1 describes requirements for evaluating PV module performance at various temperatures and irradiances in terms of power (watts) rating. IEC 61853-2 describes test procedures for determining module temperature from irradiance, ambient temperature and wind speed, a method for measuring angle of incidence effects, and spectral responsivity.
IEC 61853-4 describes the standard reference climatic profiles (standard environmental data sets) that are used for calculating energy rating values.
The purpose of this document is to define a methodology to determine the PV module energy output (watt-hours), and the climatic specific energy rating (dimensionless) for a complete year at maximum power operation for the reference climatic profile(s) given in IEC 61853-4. It is applied to determine a specific module output in a standard reference climatic profile for the purposes of comparison of rated modules.
The methodology does not take into account either progressive degradation or transient behaviour such as light induced changes and/or thermal annealing. The present document applies to mono-facial modules.

SIST EN IEC 61853-4:2018
2018-12 (po) (en) 10 str. (C)
Preskušanje zmogljivosti in energijske učinkovitosti fotonapetostnega (PV) modula - 4. del: Standardni referenčni klimatski profili
Photovoltaic (PV) module performance testing and energy rating - Part 4: Standard reference climatic profiles
Osnova: EN IEC 61853-4:2018
ICS: 27.160, 27.015

This part of IEC 61853 describes the standard reference climatic profiles used for calculating energy ratings.
IEC 61853-1 describes requirements for evaluating PV module performance in terms of power(watts) rating. IEC 61853-2 describes test procedures for determining module temperature from irradiance, ambient temperature and wind speed, a method for measuring angle of incidence effects, and spectral responsivity. IEC 61853-3 describes the calculation of PV module energy rating values, using the data from IEC 61853-1, IEC 61853-2 and IEC 61853-4.

SIST/TC SPN Storitve in protokoli v omrežjih

SIST EN 303 472 V1.1.1:2018
2018-12 (po) (en) 28 str. (G)
Okoljski inženiring (EE) - Metodologija merjenja energijske učinkovitosti in meritve za opremo RAN

Environmental Engineering (EE) - Energy Efficiency measurement methodology and metrics for RAN equipment
Osnova: ETSI EN 303 472 V1.1.1 (2018-10)
ICS: 35.020, 27.015

The present document specifies Key Performance Indicators (KPIs), and associated measurement processes, which reflect the operational energy efficiency of the following digital cellular RAN equipment and supporting infrastructures:
• integrated BS;
• distributed BS;
• BS site.
Repeaters are not considered in the present document but are considered for further study (ffs). Energy consumption of user equipment (UE) is outside the scope of the present document, however, how a user equipment (UE) affects a base station energy performance is considered for further study.
The KPIs specified:
• combine the energy consumption (in the form of electricity) with the volume of data processed;
• combine the energy consumption (in the form of electricity) with the coverage area served;
• are applicable to the above equipment and also, in certain cases, to the sites accommodating the equipment;
• are primarily intended for trend analysis - not to enable comparison between individual BSs unless the conditions of operation are "similar".
The present document specifies KPIs that are only applicable to BS sites supporting a single operator network. KPISs
for shared BS and BS site between two operators or more is considered for further study.
The RAN equipment addressed by the present document supports the following RANs, amongst others, both individually and in combination:
• UTRA, WCDMA (IMT-2000 Direct Spread, W-CDMA, UMTS);
• E-UTRA, LTE (IMT-2000 and IMT advanced);
• GSM (IMT-2000 SC, Technology GSM/EDGE).
KPIs for future RAN technologies such as 5G will be considered for future version of the present document once appropriate specifications are completed.
The present document does not define target values for the energy consumption nor the energy efficiency of the equipment for which KPIs are specified.

SIST ES 203 119-6 V1.1.1:2018
2018-12 (po) (en) 67 str. (K)
Metode za preskušanje in specificiranje (MTS) - Jezik za opis preskusa (TDL) - 6. del: Preslikava v TTCN-3
Methods for Testing and Specification (MTS) - The Test Description Language (TDL) - Part 6: Mapping to TTCN-3
Osnova: ETSI ES 203 119-6 V1.1.1 (2018-06)
ICS: 35.060

The present document specifies how the elements of the Test Description Language (TDL) should be mapped to Testing and Test Control Notation version 3 (TTCN-3) [2]. The intended use of the present document is to serve as the basis for the development of TDL tools. The meta-model of TDL and the meanings of the meta-classes are described in ETSI ES 203 119-1 [1].

SIST-TS ETSI/TS 102 657 V1.22.1:2018
2018-12 (po) (en) 135 str. (O)
Zakonito prestrezanje (LI) - Ravnanje z zadržanimi podatki - Izročilni vmesnik za zahtevo in izročanje zadržanih podatkov
Lawful Interception (LI) - Retained data handling - Handover interface for the request and delivery of retained data
Osnova: ETSI TS 102 657 V1.22.1 (2018-09)
ICS: 35.200, 33.040.40

The present document is based on requirements from ETSI TS 102 656 [2].
The present document contains handover requirements and a handover specification for the data that is identified in national legislations on Retained Data.
The present document considers both the requesting of retained data and the delivery of the results.
The present document defines an electronic interface. An informative annex describes how this interface may be adapted for manual techniques. Apart from in annex I, the present document does not consider manual techniques.

SIST/TC SPO Šport

SIST EN 13451-10:2018 SIST EN 13451-10:2014
2018-12 (po) (en;fr;de) 26 str. (F)
Oprema za plavalne bazene - 10. del: Dodatne posebne varnostne zahteve in preskusne metode za odskočne ploščadi, odskočne deske in pripadajočo opremo
Swimming pool equipment - Part 10: Additional specific safety requirements and test methods for diving platforms, diving springboards and associated equipment
Osnova: EN 13451-10:2018
ICS: 97.220.10

This part of the EN 13451 series specifies safety requirements for diving platforms, diving springboards and associated equipment in addition to the general safety requirements of EN 13451 1 and should be read in conjunction with it.
The requirements of this part of the EN 13451 series take priority over those in EN 13451 1.
This part of the EN 13451 series is applicable to platforms and springboards, and associated equipment for use in classified swimming pools as specified in EN 15288 1 and EN 15288 2.

SIST/TC STV Steklo, svetloba in razsvetljava v gradbeništvu

SIST EN 1096-4:2018 SIST EN 1096-4:2005
2018-12 (po) (en;fr;de) 35 str. (H)
Steklo v gradbeništvu - Steklo z nanosi - 4. del: Standard za proizvod
Glass in building - Coated glass - Part 4: Product standard
Osnova: EN 1096-4:2018
ICS: 81.040.20

This European Standard covers the evaluation of conformity and the factory production control of coated glass for use in buildings.
NOTE For glass products with electrical wiring or connections for, e.g. alarm or heating purposes, other directives, e.g. Low Voltage Directive, may apply.

SIST/TC TLP Tlačne posode

SIST EN 13445-3:2014/A5:2018
2018-12 (po) (en;fr;de) 32 str. (G)
Neogrevane (nekurjene) tlačne posode - 3. del: Konstruiranje - Dopolnilo A5
Unfired pressure vessels - Part 3: Design
Osnova: EN 13445-3:2014/A5:2018
ICS: 23.020.32

Dopolnilo A5:2018 je dodatek k standardu SIST EN 13445-3:2014.
Ta del tega evropskega standarda določa zahteve za konstruiranje neogrevane tlačne posode iz standarda EN 13445-1:2009, ki je izdelana iz jekel v skladu s standardom EN 13445-2:2009. Priloga C k standardu EN 13445-5:2009 določa zahteve za načrtovanje dostopa in odprtin za preglede, zapiralne mehanizme in posebne elemente za zaklepanje. OPOMBA: ta del se uporablja za konstruiranje posode pred zagonom. Uporabi se lahko za izračune med obratovanjem ali analize, ki se ustrezno prilagodijo.

SIST EN 13480-2:2018/A1:2018
2018-12 (po) (en;fr;de) 9 str. (C)
Kovinski industrijski cevovodi - 2. del: Materiali - Dopolnilo A1
Metallic industrial piping - Part 2: Materials
Osnova: EN 13480-2:2017/A1:2018
ICS: 23.040.10, 77.140.75

Dopolnilo A1:2018 je dodatek k standardu SIST EN 13480-2:2018.
Ta del tega evropskega standarda določa zahteve za materiale (vključno s kovinskimi materiali za prevleke) za industrijske cevovode in nosilce iz standarda EN 13480-1, ki so izdelani iz kovinskih materialov. Trenutno je omejen na jekla z ustrezno duktilnostjo. Ta del tega evropskega standarda se ne uporablja za materiale v območju tečenja.
OPOMBA: Drugi materiali bodo dodani naknadno z dopolnili.
Določa zahteve za izbiranje, pregled, preskušanje in označevanje kovinskih materialov za izdelavo industrijskih cevovodov.

SIST EN 13480-2:2018/A2:2018
2018-12 (po) (en;fr;de) 7 str. (B)
Kovinski industrijski cevovodi - 2. del: Materiali - Dopolnilo A2
Metallic industrial piping - Part 2: Materials
Osnova: EN 13480-2:2017/A2:2018
ICS: 23.040.10, 77.140.75

Dopolnilo A2:2018 je dodatek k standardu SIST EN 13480-2:2018.
Ta del tega evropskega standarda določa zahteve za materiale (vključno s kovinskimi materiali za prevleke) za industrijske cevovode in nosilce iz standarda EN 13480-1, ki so izdelani iz kovinskih materialov. Trenutno je omejen na jekla z ustrezno duktilnostjo. Ta del tega evropskega standarda se ne uporablja za materiale v območju tečenja.
OPOMBA: Drugi materiali bodo dodani naknadno z dopolnili.
Določa zahteve za izbiranje, pregled, preskušanje in označevanje kovinskih materialov za izdelavo industrijskih cevovodov.

SIST EN 13480-2:2018/A3:2018
2018-12 (po) (en;fr;de) 4 str. (A)
Kovinski industrijski cevovodi - 2. del: Materiali - Dopolnilo A3
Metallic industrial piping - Part 2: Materials
Osnova: EN 13480-2:2017/A3:2018
ICS: 23.040.10, 77.140.75

Dopolnilo A3:2018 je dodatek k standardu SIST EN 13480-2:2018.
Ta del tega evropskega standarda določa zahteve za materiale (vključno s kovinskimi materiali za prevleke) za industrijske cevovode in nosilce iz standarda EN 13480-1, ki so izdelani iz kovinskih materialov. Trenutno je omejen na jekla z ustrezno duktilnostjo. Ta del tega evropskega standarda se ne uporablja za materiale v območju tečenja.
OPOMBA: Drugi materiali bodo dodani naknadno z dopolnili.
Določa zahteve za izbiranje, pregled, preskušanje in označevanje kovinskih materialov za izdelavo industrijskih cevovodov.

SIST EN 17124:2018
2018-12 (po) (en;fr;de) 30 str. (G)
Vodik kot gorivo - Specifikacija izdelka in zagotavljanje kakovosti - Membrane za protonsko izmenjavo (PEM) - Gorivne celice za cestna vozila
Hydrogen fuel - Product specification and quality assurance - Proton exchange membrane (PEM) fuel cell applications for road vehicles
Osnova: EN 17124:2018
ICS: 27.075

This European Standard specifies the quality characteristics of hydrogen fuel and the corresponding quality assurance in order to ensure uniformity of the hydrogen product as dispensed for utilisation in proton exchange membrane (PEM) fuel cell road vehicle systems.

SIST EN ISO 10460:2018
2018-12 (po) (en;fr;de) 30 str. (G)
Plinske jeklenke - Varjene jeklenke iz aluminijevih zlitin ter ogljikovih in nerjavnih jekel - Periodični pregledi in preskušanje (ISO 10460:2018)
Gas cylinders - Welded aluminium-alloy, carbon and stainless steel gas cylinders - Periodic inspection and testing (ISO 10460:2018)
Osnova: EN ISO 10460:2018
ICS: 77.150.10, 23.020.35

To expand the scope of ISO 10460:2005 to include requirements for the periodic inspection and testing of welded aluminium alloy and stainless steel cylinders and to refresh the Normative references list in order to bring it up to date.
The revision will contain requirements that apply to all cylinder types covered in the scope as well as specific requirements (possibly as Normative Annexes) for particular cylinder material types (e.g. aluminium alloys).

SIST ISO 49:2001/Amd 1:2018
2018-12 (po) (en;fr) 5 str. (B)
Fitingi iz temprane litine z navoji po ISO 7-1 - Kemijska sestava cinkovih prevlek - Prilagoditev dejanskim zahtevam glede nevarnih snovi - Dopolnilo Amd 1
Malleable cast iron fittings threaded to ISO 7-1 - Chemical composition of the zinc coating - Adjustment to actual requirements regarding hazardous substances
Osnova: ISO 49:1994/Amd 1:2018
ICS: 23.040.40, 25.220.40

Dopolnilo A1:2018 je dodatek k standardu SIST ISO 49:2001.
This International Standard specifies requirements for the design and Performance of malleable cast iron threaded pipe fittings.
These fittings are for general purposes for the transmission of fluids and gases up to the limits of pressure and temperature specified in this International Standard. They are intended for the connection of elements threaded in accordance with ISO 7-1, sizes 1/8 to 6.
For use in conditions outside the pressure and temperature limits specified, consult the fitting manufacturer.

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

SIST EN ISO 6413:2018 SIST EN ISO 6413:1998
2018-12 (po) (en;fr;de) 18 str. (E)
Tehnične risbe - Prikazovanje utornih gredi in zobatih grednih vezi (ISO 6413:2018)
Technical drawings - Representation of splines and serrations (ISO 6413:2018)
Osnova: EN ISO 6413:2018
ICS: 21.120.30, 01.100.20

This document specifies the rules and graphical symbols for the representations of splines and serrations in technical product documentation.
Two methods of representation are specified:
a) complete representation;
b) simplified representation.
The rules and graphical symbols specified in this document are applicable to detail drawings of parts (shafts and hubs) and to assembly drawings of joints.
NOTE For uniformity, all the figures in this document have been drawn in the first-angle orthographic projection. A third-angle orthographic projection could equally have been used without prejudice to principles established.

SIST/TC VAZ Varovanje zdravja

SIST EN ISO 10650:2018 SIST EN ISO 10650:2015
2018-12 (po) (en) 23 str. (F)
Zobozdravstvo - Polimerizacijski aktivatorji (ISO 10650:2018)
Dentistry - Powered polymerization activators (ISO 10650:2018)
Osnova: EN ISO 10650:2018
ICS: 11.060.20

This document specifies requirements and test methods for powered polymerization activators in the 380 nm to 515 nm wavelength region intended for chairside use in polymerization of dental polymerbased materials.
This document applies to quartz-tungsten-halogen lamps and light-emitting diode (LED) lamps. Powered polymerization activators could have internal power supply (rechargeable battery powered) or

be connected to external (mains) power supply. Lasers or plasma arc devices are not covered by this standard.
This document does not cover powered polymerization activators used in laboratory fabrication of indirect restorations, veneers, dentures or other oral dental appliances.

SIST EN ISO 11139:2018
2018-12 (po) (en) 56 str. (J)
Sterilizacija izdelkov za zdravstveno nego - Slovar izrazov, ki se uporabljajo pri sterilizaciji in ustrezni opremi ter pri procesnih standardih (ISO 11139:2018)
Sterilization of health care products - Vocabulary of terms used in sterilization and related equipment and process standards (ISO 11139:2018)
Osnova: EN ISO 11139:2018
ICS: 11.080.01, 01.040.11

This International Standard defines terms in the field of sterilization of healthcare products used in the standards developed by ISO/TC 198 "Sterilization of healthcare products", CEN/TC 204 "Sterilization of medical devices", and CEN/TC 102 "Sterilizers and associated equipment for processing of medical devices".

SIST EN ISO 11990:2018 SIST EN ISO 11990-1:2015
SIST EN ISO 11990-2:2015
2018-12 (po) (en) 23 str. (F)
Laserji in laserska oprema - Ugotavljanje odpornosti sapničnih (endotrahealnih) tubusov in manšete proti laserskemu žarku (ISO 11990:2018)
Lasers and laser-related equipment - Determination of laser resistance of tracheal tube shaft and tracheal cuffs (ISO 11990:2018)
Osnova: EN ISO 11990:2018
ICS: 31.260, 11.040.10

This document specifies a method of testing the continuous wave (cw) laser resistance of the shaft of a tracheal tube and the cuff regions including the inflation system of tracheal tubes designed to resist ignition by a laser.
NOTE 1 When interpreting these results, the attention of the user is drawn to the fact that the direct applicability of the results of this test method to the clinical situation has not been fully established.
NOTE 2 The attention of the users of products tested by this method is drawn to the fact that the laser will be wavelength sensitive and tested at the wavelength for which it is intended to be used. If tested using other wavelengths, explicitly state the power settings and modes of delivery.
CAUTION — This test method can involve hazardous materials, operations and equipment. This document provides advice on minimizing some of the risks associated with its use but does not purport to address all such risks. It is the responsibility of the user of this document to establish appropriate safety and health practices and to determine the applicability of regulatory limitations prior to use.

SIST EN ISO 18472:2018 SIST EN ISO 18472:2006
2018-12 (po) (en) 39 str. (H)
Sterilizacija izdelkov za zdravstveno nego - Biološki in kemični indikatorji - Preskusna oprema (ISO 18472:2018)
Sterilization of health care products - Biological and chemical indicators - Test equipment (ISO 18472:2018)
Osnova: EN ISO 18472:2018
ICS: 11.080.01

This document specifies the requirements for test equipment to be used to:
— test biological indicators for steam, ethylene oxide gas and dry heat sterilization processes for conformity to the requirements given in ISO 11138 series;

— test chemical indicators for steam, ethylene oxide gas, dry heat and vaporized hydrogen peroxide sterilization processes for conformity to the requirements given in ISO 11140-1:2014.

This document also provides informative methods useful in characterizing the performance of biological and chemical indicators for intended use and for routine quality control testing.

This document does not specify requirements for test equipment for processes specifically for testing chemical and biological indicators intended to monitor isolator and room biodecontamination processes at atmospheric pressure.

ISO 11138-2:2017, ISO 11138-3:2017, ISO 11138-4:2017 and ISO 11140-1:2014 require the use of resistometers specified in this document, and these resistometers are used in conjunction with the test methods specified in the appropriate parts of ISO 11138 series and ISO 11140 series.

Resistometers for low temperature steam and formaldehyde indicators are not included in this document. Test methods using laboratory apparatus for low temperature steam and formaldehyde are included in ISO 11138-5:2017.

Test equipment for testing Type 2 (e.g. Bowie Dick) chemical indicators are specified in ISO 11140-3:2007, ISO 11140-4:2007, and ISO 11140-5:2007.

SIST EN ISO 20569:2018
2018-12 (po) (en) 15 str. (D)
Zobozdravstvo - Svedri za trepaniranje (ISO 20569:2018)
Dentistry - Trephine burs (ISO 20569:2018)
Osnova: EN ISO 20569:2018
ICS: 11.060.20

This International Standard specifies requirements and their test methods for trephine burs used in dentistry especially for oral surgical implant procedures such as collecting bones and removing the fractured implant. It also specifies the requirements for their marking and labelling.

SIST EN ISO 20570:2018
2018-12 (po) (en) 14 str. (D)
Zobozdravstvo - Držalo skalpela za oralno kirurgijo (ISO 20570:2018)
Dentistry - Oral surgical scalpel handle (ISO 20570:2018)
Osnova: EN ISO 20570:2018
ICS: 11.060.20

This International Standard specifies requirements and their test methods for oral surgical scalpel handles used in dentistry especially for oral surgical procedures such as gingival tissue cutting and making surgical incisions. It also specifies the requirements for their marking and labelling.

SIST EN ISO 28158:2018 SIST EN ISO 28158:2010
2018-12 (po) (en) 21 str. (F)
Zobozdravstvo - Držala z vpeto zobno nitko (ISO 28158:2018)
Dentistry - Integrated dental floss and handles (ISO 28158:2018)
Osnova: EN ISO 28158:2018
ICS: 97.170

This document specifies the requirements and test methods for integrated dental floss and handles used for home care, community care, professional care of oral health or a part of dental treatment. This document is applicable to integrated dental floss and handles for manual use. It does not include dental floss and handles which contain a continuous supply of dental floss, or handles to which the floss is subsequently added.

This document excludes specific qualitative and quantitative test methods for demonstrating freedom from unacceptable biological risks. For assessment of such biological risks, see ISO 10993-1 and ISO 7405.

SIST EN ISO 8637-2:2018 SIST EN ISO 8638:2014
2018-12 (po) (en) 27 str. (G)
Zunajtelesni pretočni sistemi za čiščenje krvi - 2. del: Zunajtelesni krvni obtok za hemodializatorje, hemodiafiltre in hemofiltre (ISO 8637-2:2018)
Extracorporeal systems for blood purification - Part 2: Extracorporeal blood circuit for haemodialysers, haemodiafilters and haemofilters (ISO 8637-2:2018)
Osnova: EN ISO 8637-2:2018
ICS: 11.040.20

WARNING — Other requirements and other EU Directives may be applicable to the product(s) falling within the scope of this document.
This document specifies requirements for the blood circuit for devices used in extracorporeal blood filtration therapies such as, but not limited to, haemodialysis, haemodiafiltration, haemofiltration and transducer protectors (integral and non-integral) intended for use in such circuits.
This document does not apply to:
— haemodialysers, haemodiafilters or haemofilters;
— plasmafilters;
— haemoperfusion devices;
— vascular access devices;
— blood pumps;
— pressure monitors for the extracorporeal blood circuit;
— air detection devices;
— systems to prepare, maintain or monitor dialysis fluid;
— systems or equipment intended to perform haemodialysis, haemodiafiltration, haemofiltration or haemoconcentration.
NOTE 1 Requirements for haemodialysers, haemodiafilters, haemofilters and haemoconcentrators are specified in ISO 8637-1, and requirements for plasmafilters are specified in ISO 8637-3.
NOTE 2 Extracorporeal blood tubing sets can also be used for other extracorporeal therapies such as haemoperfusion, plasmafiltration and plasma adsorption.

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

SIST EN 60335-2-29:2004/A11:2018
2018-12 (po) (en) 4 str. (A)
Gospodinjski in podobni električni aparati - Varnost - 2-29. del: Posebne zahteve za polnilnike baterij - Dopolnilo A11
Household and similar electrical appliances - Safety - Part 2-29: Particular requirements for battery chargers
Osnova: EN 60335-2-29:2004/A11:2018
ICS: 13.120, 97.180

Dopolnilo A11:2018 je dodatek k standardu
Deals with the safety of electric chargers for household and similar use having an output at safety extra-low voltage, their rated voltage being not more than 250 V.

SIST EN 60335-2-59:2003/A11:2018
2018-12 (po) (en) 4 str. (A)
Gospodinjski in podobni električni aparati - Varnost - 2-59. del: Posebne zahteve za uničevalnike insektov - Dopolnilo A11
Household and similar electrical appliances - Safety - Part 2-59: Particular requirements for insect killers
Osnova: EN 60335-2-59:2003/A11:2018
ICS: 97.180, 13.120

Dopolnilo A11:2018 je dodatek k standardu
Obravnava varnost električnih uničevalnikov insektov za gospodinjstva in podobne namene, katerih ocenjena napetost je manjša od 250 V.

SIST EN 60335-2-74:2003/A11:2018
2018-12 (po) (en) 4 str. (A)
Gospodinjski in podobni električni aparati - Varnost - 2-74. del: Posebne zahteve za prenosne potopne grelnike - Dopolnilo A11
Household and similar electrical appliances - Safety - Part 2-74: Particular requirements for portable immersion heaters
Osnova: EN 60335-2-74:2003/A11:2018
ICS: 97.040.50, 13.120

Dopolnilo A11:2018 je dodatek k standardu SIST EN 60335-2-74:2003.
Obravnava varnost prenosnih potopnih grelnikov za gospodinjstvo in podobne namene, katerih ocenjena napetost je manjša od 250 V.

SIST EN 60335-2-85:2003/A11:2018
2018-12 (po) (en) 4 str. (A)
Gospodinjski in podobni električni aparati - Varnost - 2-85. del: Posebne zahteve za parne aparate za tkanine - Dopolnilo A11
Household and similar electrical appliances - Safety - Part 2-85: Particular requirements for fabric steamers
Osnova: EN 60335-2-85:2003/A11:2018
ICS: 13.120, 97.060

Dopolnilo A11:2018 je dodatek k standardu SIST EN 60335-2-85:2003.
Deals with the safety of electric fabric steamers intended for household and similar purposes, their rated voltage being not more than 250 V. Appliances not intended for normal household use, such as appliances to be used by laymen in laundries and dry cleaners, are within the scope of this standard.

SIST EN EN 60335-2-55:2003/A11:2018
2018-12 (po) (en) 4 str. (A)
Gospodinjski in podobni električni aparati - Varnost - 2-55. del: Posebne zahteve za električne aparate za uporabo v akvarijih in vrtnih ribnikih - Dopolnilo A11
Household and similar electrical appliances - Safety - Part 2-55: Particular requirements for electrical appliances for use with aquariums and garden ponds
Osnova: EN 60335-2-55:2003/A11:2018
ICS: 13.120, 97.180

Dopolnilo A11:2018 je dodatek k standardu SIST EN EN 60335-2-55:2003.
Deals with the safety of electric appliances for use with aquariums and garden ponds for household and similar purposes, their rated voltage being not more than 250 V. Examples of appliances within the scope of this standard are aerators; aquarium heaters; automatic food dispensers; sludge-suction appliances.

SIST EN IEC 60335-2-76:2018

SIST EN 60335-2-76:2005
SIST EN 60335-2-76:2005/A1:2006
SIST EN 60335-2-76:2005/A11:2008
SIST EN 60335-2-76:2005/A12:2011
SIST EN 60335-2-76:2005/A2:2015

2018-12 (po) (en) 63 str. (K)

Gospodinjski in podobni električni aparati - Varnost - 2-76. del: Posebne zahteve za generatorje impulzov za električne ograje

Household and similar electrical appliances - Safety - Part 2-76: Particular requirements for electric fence energizers

Osnova: EN IEC 60335-2-76:2018
ICS: 65.040.10

This part of IEC 60335 deals with the safety of electric fence energizers, the rated voltage of which is not more than 250 V and by means of which fence wires in agricultural, domestic or feral animal control fences and security fences may be electrified or monitored.

SIST/TC VLA Vlaga

SIST EN 13702:2018

SIST EN 13702:2010

2018-12 (po) (en;fr;de) 8 str. (B)

Bitumen in bitumenska veziva - Določevanje dinamične viskoznosti bitumna in bitumenskih veziv z metodo s konusom in ploščo

Bitumen and bituminous binders - Determination of dynamic viscosity of bitumen and bituminous binders by the cone and plate method

Osnova: EN 13702:2018
ICS: 91.100.50, 75.140

This European Standard specifies a method for determining the dynamic viscosity of a bituminous binder over a range of temperatures by means of a cone and plate viscometer. The test method is intended for all bituminous binders (e.g paving grade bitumen and polymer modified). It is also suitable for recovered bituminous binders according to EN 12697 3 and EN 12697 4 with no or limited amount of filler.

WARNING - The use of this European Standard can involve hazardous materials, operations and equipment. This European Standard does not purport to address all of the safety problems associated with its use. It is the responsibility of the user of this European Standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.

SIST EN 17190:2018

2018-12 (po) (en;fr;de) 7 str. (B)

Hidroizolacijski trakovi - Indeks odbojnosti

Flexible sheets for waterproofing - Solar Reflectance Index

Osnova: EN 17190:2018
ICS: 91.100.50

This European Standard gives a calculation method of the Solar Reflectance Index (SRI) and the determination of solar reflectivity and thermal emissivity for waterproofing flexible sheets for roofs with a slope smaller than 10°.

SIST/TC VSN Varnost strojev in naprav

SIST EN 12012-1:2018 SIST EN 12012-1:2007+A1:2008
SIST EN 12012-3:2002+A1:2008

2018-12 (po) (en;fr;de) 27 str. (G)

Stroji za predelavo gume in plastike - Drobilni stroji - 1. del: Varnostne zahteve za rezalne drobilnike in drobilnike

Plastics and rubber machines - Size reduction machines - Part 1: Safety requirements for blade granulators and shredders

Osnova: EN 12012-1:2018
ICS: 83.200

This European Standard specifies the essential safety requirements applicable to the design and construction of blade granulators and shredders used to reduce the size of products made from plastics and/or rubber.
Machines considered in this European Standard begin at the outer edge of the feeding device/feed opening and end at the discharge area.
This European Standard deals with all significant hazards, hazardous situations or hazardous events that are listed in Annex A, when blade granulators and shredders are used as intended and under conditions of misuse that are reasonably foreseeable by the manufacturer.
This European Standard does not deal with
- equipment for feeding material or discharging processed material that is not an integral part of the machine,
- hazards caused by processing materials that could be hazardous to health,
- safety measures to reduce the risk from ignition of flammable residues in material to be processed;
- requirements for local exhaust ventilation systems.
This European Standard is not applicable to blade granulators and shredders that are manufactured before the date of its publication.

SIST EN 16770:2018

2018-12 (po) (en;fr;de) 36 str. (H)

Varnost lesnoobdelovalnih strojev - Odsesovalni sistemi za lesne odrezke in prah za notranjo inštalacijo - Varnostne zahteve

Safety of woodworking machines - Chip and dust extraction systems for indoor installation - Safety requirements

Osnova: EN 16770:2018
ICS: 79.120.10

This document deals with all significant hazards, hazardous situations and events as listed in Clause 4, relevant for chip and dust extraction systems for indoor use designated to be connected to machines designed to cut solid wood (including hard wood), wood based materials and materials similar to wood, when they are used as intended and under the conditions foreseen by the manufacturer, including reasonably foreseeable misuse.
This European standard does not apply to:
a) extraction systems with a nominal volume flow rate V. above 8 000 m^3/h and/or a volume of the dust loaded part of the dust extractor above 3,5 m^3;
b) vacuum cleaners according to EN 60335-2-69/A2:2013;
c) extraction systems with fans installed in the dust loaded part;
d) extraction equipment (e. g. extraction hoods, ducts) within a woodworking machine, i. e. up to and including the outlet to which the extraction system is connected;
e) extraction systems designed for dust with KST values above 200 bar ms-1, minimum ignition energy below 10 mJ and/or lower explosion level below 30 g/m^3;
f) extraction systems designed for aspiration of explosive atmospheres, e. g. dust load > 50 % lower explosion level;
g) systems designed for extraction from machines with a higher risk of causing ignition sources;
h) silos.

This European Standard is not applicable to machines which are manufactured before the date of its publication as EN.

SIST EN ISO 9241-306:2018 SIST EN ISO 9241-306:2009
2018-12 (po) (en;fr;de) 65 str. (K)
Ergonomija medsebojnega vpliva človek-sistem - 306. del: Metode ocenjevanja polja elektronskih slikovnih zaslonov (ISO 9241-306:2018)
Ergonomics of human-system interaction - Part 306: Field assessment methods for electronic visual displays (ISO 9241-306:2018)
Osnova: EN ISO 9241-306:2018
ICS: 35.180, 13.180

This document deals with all significant hazards, hazardous situations and events as listed in Clause 4, relevant for chip and dust extraction systems for indoor use designated to be connected to machines designed to cut solid wood (including hard wood), wood based materials and materials similar to wood, when they are used as intended and under the conditions foreseen by the manufacturer, including reasonably foreseeable misuse.
This European standard does not apply to:
a) extraction systems with a nominal volume flow rate V. above 8 000 m^3/h and/or a volume of the dust loaded part of the dust extractor above 3,5 m^3;
b) vacuum cleaners according to EN 60335-2-69/A2:2013;
c) extraction systems with fans installed in the dust loaded part;
d) extraction equipment (e. g. extraction hoods, ducts) within a woodworking machine, i. e. up to and including the outlet to which the extraction system is connected;
e) extraction systems designed for dust with KST values above 200 bar ms-1, minimum ignition energy below 10 mJ and/or lower explosion level below 30 g/m^3;
f) extraction systems designed for aspiration of explosive atmospheres, e. g. dust load > 50 % lower explosion level;
g) systems designed for extraction from machines with a higher risk of causing ignition sources;
h) silos.
This European Standard is not applicable to machines which are manufactured before the date of its publication as EN.

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

SIST EN IEC 60974-1:2018 SIST EN 60974-1:2012
2018-12 (po) (en) 151 str. (P)
Naprave za obločno varjenje - 1. del: Viri varilnega toka (IEC 60974-1:2017)
Arc welding equipment - Part 1: Welding power sources (IEC 60974-1:2017)
Osnova: EN IEC 60974-1:2018
ICS: 25.160.30

IEC 60974-1:2012 is applicable to power sources for arc welding and allied processes designed for industrial and professional use, and supplied by a voltage not exceeding 1 000 V, or driven by mechanical means. This part of IEC 60974 specifies safety and performance requirements of welding power sources and plasma cutting systems. This fourth edition cancels and replaces the third edition published in 2005 and constitutes a technical revision. The significant changes with respect to the previous edition are the following: - the heating test shall be carried out at ambient temperature of 40 °C (see 5.1); - new Figure 1 summarizes example of insulation requirements; - creepage distances for pollution degree 4 are no longer valid (see Table 2); - insulation requirements for Class II equipment are defined (see Table 3); - dielectric test voltage interpolation restriction lower limit is changed to 220 V and interpolation for control and welding circuit is clarified (see Table 4); - water test is clarified by suppression of visual inspection (see 6.2.1); - isolation requirements of the supply circuit and the

welding circuit are moved in protection against electric shock in normal service (see 6.2.4); - touch current in normal service and in single fault condition requirements are changed (see 6.2.5, 6.2.6 and 6.3.6); - maximum temperature for insulation systems are reviewed in accordance with current edition of IEC 60085 (see Table 6); - limits of temperature rise for external surfaces are updated depending of unintentional contact period as defined in ISO 13732-1 (see Table 7); - loading test is completed by a dielectric test (see 7.4); - conformity test for tolerance to supply voltage fluctuation is clarified (see 10.1); - marking of terminals is limited to external protective conductor and three-phase equipment terminals (see 10.4); - usage of hazard reducing device is clarified (see 11.1); - requirements for control circuits are changed (see Clause 12); - impact test is clarified (see 14.2.2); - environmental parameters are completed (see Annex M).

SIST EN IEC 61788-23:2018
2018-12 (po) (en) 31 str. (G)
Superprevodnost - 23. del: Meritve razmerja preostale upornosti - Razmerje preostale upornosti Nb superprevodnikov (IEC 61788-23:2018)
Superconductivity - Part 23: Residual resistance ratio measurement - Residual resistance ratio of Nb superconductors (IEC 61788-23:2018)
Osnova: EN IEC 61788-23:2018
ICS: 17.220.20, 29.050

This part of IEC 61788 addresses a test method for the determination of the residual resistance ratio (RRR), rRRR , of cavity-grade niobium. This method is intended for high-purity niobium grades with 15 < rRRR < 600. The test method should be valid for specimens with rectangular or round cross-section, cross-sectional area greater than 1 mm2 but less than 20 mm2, and a length not less than 10 nor more than 25 times the width or diameter.

SIST EN IEC 62822-1:2018 SIST EN 50445:2008
2018-12 (po) (en) 32 str. (G)
Ocenjevanje električne varilske opreme z vidika omejitev izpostavljenosti delavcev električnim in magnetnim poljem (0 Hz - 300 GHz) - 1. del: Standard za družino izdelkov (IEC 62822-1:2016)
Assessment of electric welding equipment related to restrictions of human exposure to electromagnetic fields (0 Hz - 300 GHz) - Part 1: Product family standard (IEC 62822-1:2016)
Osnova: EN IEC 62822-1:2018
ICS: 17.220.01, 25.160.30

This part of IEC 62822, which is a product family standard, applies to equipment for resistance welding, arc welding and allied processes designed for occupational use by professionals and for use by laymen.
NOTE 1 Typical allied processes are resistance hard and soft soldering, resistance heating by means comparable to resistance welding equipment, electric arc cutting and arc spraying.
The frequency range covered is 0 Hz to 300 GHz. This product family standard specifies assessment methods and criteria to evaluate electromagnetic field (EMF) emissions of electric welding equipment with regard to national and international requirements for human exposure to EMF.
NOTE 2 Magnetic fields generated by the operation of welding equipment and the resulting non-thermal effects are the main assessment concern.
This product family standard does not define requirements and methods for workplace assessment regarding the risks arising from electromagnetic fields. However, the EMF exposure data that results from the application of this product family standard can be used to assist in workplace assessment.
NOTE 3 The equipment manufacturer is unaware of the overall exposure environment in which the equipment will be used (e.g. multiple sources) and is not responsible for all requirements for workplace assessment (e.g. information and training of workers, design and layout of the workplace).
Other standards may apply to products covered by this standard. In particular this standard cannot be used to demonstrate electromagnetic compatibility with other equipment. It does not specify any product safety requirements other than those specifically related to human exposure to electromagnetic fields.

SIST EN IEC 60812:2018 SIST EN 60812:2007
2018-12 (po) (en) 80 str. (L)
Analiza vrste okvar in njihovih učinkov (FMEA in FMECA) (IEC 60812:2018)
Failure modes and effects analysis (FMEA and FMECA) (IEC 60812:2018)
Osnova: EN IEC 60812:2018
ICS: 21.020, 03.120.01

This document explains how failure modes and effects analysis (FMEA), including the failure modes, effects and criticality analysis (FMECA) variant, is planned, performed, documented and maintained.
The purpose of failure modes and effects analysis (FMEA) is to establish how items or processes might fail to perform their function so that any required treatments could be identified. An FMEA provides a systematic method for identifying modes of failure together with their effects on the item or process, both locally and globally. It may also include identifying the causes of failure modes. Failure modes can be prioritized to support decisions about treatment. Where the ranking of criticality involves at least the severity of consequences, and often other measures of importance, the analysis is known as failure modes, effects and criticality analysis (FMECA).
This document is applicable to hardware, software, processes including human action, and their interfaces, in any combination.
An FMEA can be used in a safety analysis, for regulatory and other purposes, but this being a generic standard, does not give specific guidance for safety applications.

SIST EN IEC 62853:2018
2018-12 (po) (en) 74 str. (L)
Odprti sistemi zanesljivosti (IEC 62853:2018)
Open systems dependability (IEC 62853:2018)
Osnova: EN IEC 62853:2018
ICS: 03.100.40, 21.020, 03.120.01

This document provides guidance in relation to a set of requirements placed upon system life cycles in order for an open system to achieve open systems dependability.
This document elaborates on IEC 60300-1 by providing details of the changes needed to accommodate the characteristics of open systems. It defines process views based on ISO/IEC/IEEE 15288:2015, which identifies the set of system life cycle processes.
This document is applicable to life cycles of products, systems, processes or services involving hardware, software and human aspects or any integrated combinations of these elements. For open systems, security is especially important since the systems are particularly exposed to attack.
This document can be used to improve the dependability of open systems and to provide assurance that the process views specific to open systems achieve their expected outcomes. It helps an organization define the activities and tasks that need to be undertaken to achieve dependability objectives in an open system, including dependability related communication, dependability assessment and evaluation of dependability throughout system life cycles.

SS SPLStrokovni svet SIST za splošno področje

SIST EN 2369:2018
2018-12 (po) (en;fr;de) 6 str. (B)
Aeronavtika - Žice, zlitine, odporne proti vročini - Premer 0,2 mm ≤ D ≤ 8 mm - Mere
Aerospace series - Wires, heat resisting alloys - Diameter 0,2 mm ≤ D ≤ 8 mm - Dimensions
Osnova: EN 2369:2018
ICS: 29.060.10, 49.025.01

This European Standard specifies the dimensions and tolerances of heat resisting alloys wire used in aerospace construction.

SIST EN 2564:2018 SIST EN 2564:2001

2018-12 (po) (en;fr;de) 10 str. (C)

Aeronavtika - Laminati iz ogljikovih vlaken - Ugotavljanje deleža vlaken, smole in poroznosti

Aerospace series - Carbon fibre laminates - Determination of the fibre, resin and void contents

Osnova: EN 2564:2018

ICS: 49.025.40

This European Standard specifies the methods for determining the fibre content by volume and mass and, by correlation, the resin content by volume and mass and void content by volume, of carbon fibre laminates, for aerospace applications.

SIST EN 2591-228:2018

2018-12 (po) (en;fr;de) 10 str. (C)

Aeronavtika - Električni in optični spojni elementi - Preskusne metode - 228. del: Izvlečna sila tulke

Aerospace series - Elements of electrical and optical connection - Test methods - Part 228: Ferrule withdrawal force

Osnova: EN 2591-228:2018

ICS: 49.060

This European Standard describes the procedure to measure the withdrawal force between the ferrule of an optical contact and the resilient alignment sleeve located inside the connector. This method is suitable for use for resilient alignment sleeve qualification. It shall be used together with EN 2591-100.

SIST EN 4611-005:2018 SIST EN 4611-005:2012

2018-12 (po) (en;fr;de) 11 str. (C)

Aeronavtika - Kabli, električni, za splošne namene, eno- in večžilni - Družina XLETFE - 005. del: Posrebreni baker - Delovne temperature med -65 °C in 150 °C - Enojno ekstrudirana izolacija za notranjo uporabo - Možnost UV-laserskega tiskanja - Standard za proizvod

Aerospace series - Cables, electrical, for general purpose, single and multicore assembly - XLETFE Family - Part 005: Silver plated copper - Operating temperatures between - 65 °C and 150 °C - Single extruded wall for enclosed applications - UV laser printable - Product standard

Osnova: EN 4611-005:2018

ICS: 29.060.20, 49.060

This European Standard specifies the characteristics of UV laser printable, silver plated copper conductor electrical cables Crosslinked Ethylene Tetra Fluoro Ethylene co-polymer (XLETFE) family for use in the on-board electrical systems of aircraft operating at temperatures between - 65 °C and 150 °C. The voltage rating is 600 V rms at sea level. This insulation system has been used in aerospace applications using 115 V ac (phase-to-neutral) 400 Hz and 28 V dc. Verification of the suitability of cables for use in other electrical systems is the responsibility of the user. These cables are only suitable for airframe use with additional protection against mechanical abuse. In case of conflict between this standard and other referenced documents the requirements of this standard shall take precedence.

SIST EN 4611-006:2018 SIST EN 4611-006:2012

2018-12 (po) (en;fr;de) 12 str. (C)

Aeronavtika - Kabli, električni, za splošne namene, eno- in večžilni - Družina XLETFE - 006. del: Posrebreni baker - Delovne temperature med -65 °C in 150 °C - Dvojno ekstrudirana izolacija za zunanjo uporabo - Možnost UV-laserskega tiskanja - Standard za proizvod

Aerospace series - Cables, electrical, for general purpose, single and multicore assembly - XLETFE Family - Part 006: Silver plated copper Operating temperatures, between - 65 °C and 150 °C - Dual extruded wall for open applications - UV laser printable - Product standard

Osnova: EN 4611-006:2018

ICS: 29.060.20, 49.060

This European Standard specifies the characteristics of UV laser printable, silver plated copper conductor electrical cables Crosslinked Ethylene Tetra Fluoro Ethylene co-polymer (XLETFE) family for use in the on-board electrical systems of aircraft operating at temperatures between - 65 °C and 150 °C. The voltage rating is 600 V rms at sea level. This insulation system has been used in aerospace applications using 115 V ac (phase-to-neutral) 400 Hz and 28 V dc. Verification of the suitability of cables for use in other electrical systems is the responsibility of the user.
These cables are suitable for airframe use. In case of conflict between this standard and other referenced documents the requirements of this standard shall take precedence.

SIST EN 4611-007:2018 SIST EN 4611-007:2012
2018-12 (po) (en;fr;de) 12 str. (C)
Aeronavtika - Kabli, električni, za splošne namene, eno- in večžilni - Družina XLETFE - 007. del: Ponikljani baker - Delovne temperature med -65 °C in 150 °C - Dvojno ekstrudirana izolacija za zunanjo uporabo - Možnost UV-laserskega tiskanja - Standard za proizvod
Aerospace series - Cables, electrical, for general purpose, single and multicore assembly - XLETFE Family - Part 007: Nickel plated copper - Operating temperatures, between - 65 °C and 150 °C - Dual extruded wall for open applications - UV laser printable - Product standard
Osnova: EN 4611-007:2018
ICS: 29.060.20, 49.060

This European Standard specifies the characteristics of UV laser printable, nickel plated copper conductor electrical cables Crosslinked Ethylene Tetra Fluoro Ethylene co-polymer (XLETFE) family for use in the on-board electrical systems of aircraft operating at temperatures between - 65 °C and 150 °C. The voltage rating is 600 V rms at sea level. This insulation system has been used in aerospace applications using 115 V ac (phase-to-neutral) 400 Hz and 28 V dc. Verification of the suitability of cables for use in other electrical systems is the responsibility of the user.
These cables are suitable for airframe use. In case of conflict between this standard and other referenced documents the requirements of this standard shall take precedence.

SIST EN 4708-102:2018
2018-12 (po) (en;fr;de) 11 str. (C)
Aeronavtika - Toplotno skrčljiva cev za utrjevanje, izolacijo in identifikacijo - 102. del: Zelo fleksibilen polimer - Delovna temperatura med –75 °C in 150 °C - Standard za proizvod
Aerospace series - Sleeving, heat-shrinkable, for binding, insulation and identification - Part 102: Very flexible polymer - Operating temperature - 75 °C to 150 °C - Product standard
Osnova: EN 4708-102:2018
ICS: 49.060

This document specifies the required characteristics for a heat-shrinkable, very flexible polymer sleeving for use in aircraft electrical systems at operating temperatures between – 75 °C to 150 °C. This sleeving has very good flexibility, is flame retarded and has a thick wall for mechanical protection. It is suitable for use as cable protection in areas where wiring is subject to contamination by aircraft fuels and hydraulic fluids.
These sleevings are normally supplied with internal diameters up to 102 mm for shrink ratios of 2:1. They are available in black only.
Sizes other than those specifically listed in this standard may be available. These items shall be considered to comply with this standard if they comply with the property requirements listed in Tables 2, 3 and 4 except for dimensions and mass.

SIST EN 4708-106:2018
2018-12 (po) (en;fr;de) 13 str. (D)
Aeronavtika - Toplotno skrčljiva cev za utrjevanje, izolacijo in identifikacijo - 106. del: Z izboljšanimi protipožarnimi lastnostmi - Delovna temperatura med –30 °C in 150 °C - Standard za proizvod
Aerospace series - Sleeving, heat-shrinkable, for binding, insulation and identification - Part 106: Limited fire hazard sleeving - Operating temperature - 30 °C to 150 °C - Product standard
Osnova: EN 4708-106:2018
ICS: 49.060

This document specifies the required characteristics for four types of heat-shrinkable limited fire hazard sleevings for use in aircraft electrical systems at operating temperatures between - 30 °C and 105 °C.
This sleeving is flexible, flame retarded and emits minimum smoke, gases and corrosive by-products when exposed to fire. It is available with various wall thicknesses and also in a higher shrink ratio according to the application and degree of mechanical protection required. It is suitable for use (e.g. as cable protection) in areas where smoke, gases or corrosive by-products would constitute a particular hazard.
Type A Thick wall shrink ratio 2:1 and is normally supplied with internal diameters up to 102,0 mm
Type B Medium wall, shrink ratio 2:1 and is normally supplied with internal diameters up to 60,0 mm
Type C Thick wall, shrink ratio 2:1 and is normally supplied with internal diameters up to 51,0 mm
Type D Medium wall, shrink ratio 3:1 and normally supplied with internal diameters up to 40,0 mm
The standard colour is black.
Sizes or colours other than those specifically listed in this standard may be available. These items shall be considered to comply with this standard if they comply with the property requirements listed in Tables 5, 6 and 7 except for dimensions and mass.

SIST EN 4839-001:2018
2018-12 (po) (en;fr;de) 21 str. (F)
Aeronavtika - Obločni dušilni odklopniki, tripolni, temperaturno kompenzirani, za naznačene toke od 3 A do 25 A - 115 V izmenična napetost, 400 Hz konstantna frekvenca - 001. del: Tehnična specifikacija

Aerospace series - Arc fault circuit breakers, three-poles, temperature compensated, rated current 3 A to 25 A - 115 V a.c. 400 Hz constant frequency - Part 001: Technical specification
Osnova: EN 4839-001:2018
ICS: 49.060

This European Standard specifies the three-poles temperature compensated arc fault circuit breakers without signal contacts, rated from 3 A to 25 A and used in aircraft on-board circuits. In any operating state a "trip-free" tripping is ensured. These Items are designed to protect aircraft wiring system from circuit overload and arc faults. It describes specific environmental, electrical and mechanical characteristics and the stringency of tests to be applied according to test methods of EN 3841-100.
If the design of the arc fault circuit breakers contains software or complex hardware, as a minimum, the software and hardware shall be developed in accordance with RTCA DO-178B or C, DAL C and RTCA DO-254, DAL C, respectively.
These circuit breakers are intended for use in aircraft with electrical supplies in accordance with EN 2282.

SIST EN 4839-003:2018
2018-12 (po) (en;fr;de) 12 str. (C)
Aeronavtika - Obločni dušilni odklopniki, tripolni, temperaturno kompenzirani, za naznačene toke od 3 A do 25 A, 115/200 V izmenična napetost, 400 Hz konstantna frekvenca - 003. del: Brez pomožnih kontaktov - Standard za proizvod
Aerospace series - Arc Fault Circuit breakers, three-pole, temperature compensated, rated currents 3 A to 25 A, 115/200 V a.c. 400 Hz constant frequency - Part 003: Without auxiliary contacts - Product standard
Osnova: EN 4839-003:2018
ICS: 49.060

This European Standard specifies the required characteristics for three-pole, arc fault circuit breakers, rated currents from 3 A to 25 A, switching capacity 65 In, for use in aircraft electrical systems. Their operating temperatures are between − 40 °C to 85 °C at a maximum altitude of Z = 15 000 m. The thermal protection is temperature compensated and operates between − 55 °C and 125 °C. These arc fault circuit breakers are operated by a push-pull type single pushbutton (actuator), with delayed action "trip-free" tripping. They will continue to function up to the short-circuit current.

SIST EN ISO 11192:2018 SIST EN ISO 11192:2006
2018-12 (po) (en;fr;de) 25 str. (F)
Mala plovila - Grafični simboli (ISO 11192:2005)
Small craft - Graphical symbols (ISO 11192:2005)
Osnova: EN ISO 11192:2018
ICS: 47.080, 01.080.20

This International Standard specifies graphical symbols for operator controls, gauges, tell-tales, indicators, instructions and warnings against risks in small craft and for engines and other equipment intended to be used for small craft of up to 24 m length of hull.

SIST EN ISO 11547:2018 SIST EN ISO 11547:2000
SIST EN ISO 11547:2000/A1:2001
2018-12 (po) (en;fr;de) 8 str. (B)
Mala plovila - Varovanje naprav za startanje (ISO 11547:1994)
Small craft - Start-in-gear protection (ISO 11547:1994)
Osnova: EN ISO 11547:2018
ICS: 47.080, 47.020.20

Specifies requirements to prevent an outboard motor from being started in gear, when installed on small craft of up to 24 m length of hull.

SIST EN ISO 11812:2018 SIST EN ISO 11812:2002
2018-12 (po) (en;fr;de) 46 str. (I)
Mala plovila - Vodotesni krmarjevi prostori in krmarjevi prostori s hitrim odvodnjavanjem (ISO 11812:2001)
Small craft - Watertight cockpits and quick-draining cockpits (ISO 11812:2001)
Osnova: EN ISO 11812:2018
ICS: 47.080

This Standard specifies requirements for cockpits and recesses to be designated either as “watertight” or as “quick-draining” on small craft of hull length up to 24 m. It does not set requirements for the size and shape of a cockpit or recess, nor when or where it shall be used. It only considers draining by gravity, and not by pumping or other methods. NOTE 1 The term “quick-draining cockpit” has been chosen to differentiate from the common understanding of “self-draining cockpit” where water may be drained overboard in certain conditions, but without specified draining speed, height of bottom or sill, etc. NOTE 2 Examples of single-plane cockpit bottoms are given in informative annex A.

SIST EN ISO 12215-1:2018 SIST EN ISO 12215-1:2001
2018-12 (po) (en;fr;de) 13 str. (D)
Mala plovila - Konstrukcija trupa in zahtevane lastnosti - 1. del: Materiali: toplotno obdelane smole, ojačitev s steklenimi vlakni, referenčni laminat (ISO 12215-1:2000)
Small craft - Hull construction and scantlings - Part 1: Materials: Thermosetting resins, glass-fibre reinforcement, reference laminate (ISO 12215-1:2000)
Osnova: EN ISO 12215-1:2018
ICS: 47.020.10, 47.080

This part of ISO 12215 is applicable to thermosetting resins and glass-fibre reinforcement used in the construction of small craft with a length of the hull of up to , in accordance with ISO 8666. This part of ISO 12215 specifies the minimum requirements for material properties of glass reinforcement and resin matrix and the reference laminate made thereof.
This part of ISO 12215 may be applicable to materials other than those specified, provided that the minimum requirements and properties of the reference laminate are met.
NOTE The underlying reason for preparing this International Standard is to harmonize existing standards and recommended practices for loads on the hull and the dimensioning of small craft because they differ too considerably and thus limit general worldwide acceptability of boats.

SIST EN ISO 12215-2:2018 SIST EN ISO 12215-2:2002
2018-12 (po) (en;fr;de) 13 str. (D)
Mala plovila - Konstrukcija trupa in zahtevane lastnosti - 2. del: Materiali: materiali za sredico sendvič konstrukcije, vtisnjeni materiali (ISO 12215-2:2002)
Small craft - Hull construction and scantlings - Part 2: Materials: Core materials for sandwich construction, embedded materials (ISO 12215-2:2002)
Osnova: EN ISO 12215-2:2018
ICS: 47.020.10, 47.080

This part of ISO 12215 specifies requirements for core materials for structural use and materials that are embedded in sandwich construction. It is applicable to small craft with a hull length (LH) according to ISO 8666 of up to 24 m.
NOTE The underlying reason for preparing this part of ISO 12215 is that sandwich structures of small craft require careful selection of core materials from a multitude of choices, and that the manufacturing has to follow certain procedures to achieve the intended long-term durability under the expected loads and environmental conditions.

SIST EN ISO 12215-3:2018 SIST EN ISO 12215-3:2002
2018-12 (po) (en;fr;de) 18 str. (E)
Mala plovila - Konstrukcija trupa in zahtevane lastnosti - 3. del: Materiali: jeklo, aluminijeve zlitine, les, drugi materiali (ISO 12215-3:2002)
Small craft - Hull construction and scantlings - Part 3: Materials: Steel, aluminium alloys, wood, other materials (ISO 12215-3:2002)
Osnova: EN ISO 12215-3:2018
ICS: 47.020.10, 47.080

This part of ISO 12215 specifies requirements for materials intended for use in the construction of the hull, superstructure and appendages, in particular:
— weldable normal and higher strength hot-rolled steel plates, wide flats, sections and bars;
— austenitic stainless steels, fabricated in the form of plates or profiles;
— wrought aluminium alloys fabricated as plates, sections and extruded profiles;
— wood in the form of solid timber, plywood or veneer;
— other suitable materials.
NOTE 1 Other materials may be used in the construction of small craft if adequate suitability and durability for the intended purpose can be demonstrated.
This part of ISO 12215 applies to small craft with a length hull (LH) according to ISO 8666 of up to 24 m.
NOTE 2 The underlying reason for preparing this part of ISO 12215 is that the choice of materials for the construction of a small craft has a significant influence on short-term and long-term durability under the expected loads and environmental conditions.

SIST EN ISO 12215-4:2018 SIST EN ISO 12215-4:2002

2018-12 (po) (en;fr;de) 19 str. (E)

Mala plovila - Konstrukcija trupa in zahtevane lastnosti - 4. del: Izdelava (ISO 12215-4:2002)

Small craft - Hull construction and scantlings - Part 4: Workshop and manufacturing (ISO 12215-4:2002)

Osnova: EN ISO 12215-4:2018

ICS: 47.020.10, 47.080

This part of ISO 12215 specifies workshop conditions, material storage and handling, and requirements for the manufacturing of the craft. It applies, to small craft with a (LH) length according to ISO 8666 of up to 24 m.

This part of ISO 12215 does not cover health and safety requirements.

NOTE The underlying reason for preparing this part of ISO 12215 is that workshop conditions have a significant influence on the mechanical short- and long-term properties of recreational craft and that the scantling determination according to ISO 12215-5 is based on conditions that are appropriate for the material used as well as the manufacturing process applied.

SIST EN ISO 12215-5:2018 SIST EN ISO 12215-5:2008
SIST EN ISO 12215-5:2008/A1:2014

2018-12 (po) (en;fr;de) 122 str. (O)

Mala plovila - Konstrukcija trupa in zahtevane lastnosti - 5. del: Načrtovani tlaki za trupe, načrtovane napetosti in ugotavljanje lastnosti (ISO 12215-5:2008,vključno z dopolnilom A1:2014)

Small craft - Hull construction and scantlings - Part 5: Design pressures for monohulls, design stresses, scantlings determination (ISO 12215-5:2008,vključno z dopolnilom A1:2014)

Osnova: EN ISO 12215-5:2018

ICS: 47.080, 47.020.10

This part of ISO 12215 applies to the determination of design pressures and stresses, and to the determination of the scantlings, including internal structural members of monohull small craft onstructed from fibre-reinforced plastics, aluminium or steel alloys, glued wood or other suitable boat building material, with a length of hull, LH, in accordance with ISO 8666, between 2,5 m and 24 m. It only applies to boats in the intact condition.

It only applies to craft with a maximum speed u 50 knots in mLDC conditions.

The assessment shall generally include all parts of the craft that are assumed watertight or weathertight when assessing stability, freeboard and buoyancy in accordance with ISO 12217 and are essential to the safety of the craft and of persons on board.

For the complete scantlings of the craft, this part of ISO 12215 is used in conjunction with Part 6, for details, Part 7 for multihulls, Part 8 for rudders and Part 9 for appendages and rig attachment.

The scantling determination of windows, portlights, deadlights, hatches and doors, is in accordance with

ISO 12216. The structure supporting these elements is in accordance with this part of ISO 12215.

NOTE 1 Scantlings derived from this part of ISO 12215 are primarily intended to apply to recreational craft including recreational charter vessels and may not be suitable for performance racing craft.

NOTE 2 This part of ISO 12215 is based on the assumption that scantlings are governed solely by local loads.

NOTE 3 The scantling requirements of this part of ISO 12215 are considered to correspond to the minimum strength requirements of motor and sailing craft which are operated in a safe and responsible manner, having due cognisance of the prevailing conditions.

Pressures and stresses are normally expressed in pascals, kilopascals or megapascals. For the purposes of a better understanding for the users of this part of ISO 12215, the pressures are expressed in kilonewtons per square metre (1kN/m2 = 1kPa) and stresses or elastic moduli are expressed in newtons per square millimeter (1 N/mm2 = 1 MPa).

SIST EN ISO 12215-6:2018 SIST EN ISO 12215-6:2008
2018-12 (po) (en;fr;de) 62 str. (K)
Mala plovila - Konstrukcija trupa in zahtevane lastnosti - 6. del: Struktura in podrobnosti (ISO 12215-6:2008)
Small craft - Hull construction and scantlings - Part 6: Structural arrangements and details (ISO 12215-6:2008)
Osnova: EN ISO 12215-6:2018
ICS: 47.020.10, 47.080

This part of ISO 12215 concerns structural details and structural components not explicitly included in ISO 12215-5, ISO 12215-7, ISO 12215-8 and ISO 12215-9. It applies to monohull and multihull small craft constructed from fibre reinforced plastics (FRP), aluminium or steel alloys, wood or other suitable boat building material, with a hull length, in accordance with ISO 8666, of up to 24 m.
This part of ISO 12215 fulfils two functions. Firstly, it supports ISO 12215-5 by providing further explanations and calculation procedures and formulae. Secondly, it gives a number of examples of arrangements and structural details which illustrate principles of good practice. These principles provide a standard against which alternative arrangements and structural details can be benchmarked, using the equivalence criteria specified in this part of ISO 12215.
NOTE Scantlings derived from this part of ISO 12215 are primarily intended to apply to recreational craft including recreational charter vessels and might not be suitable for performance racing craft.

SIST EN ISO 12215-8:2018 SIST EN ISO 12215-8:2009
SIST EN ISO 12215-8:2009/AC:2011
2018-12 (po) (en;fr;de) 54 str. (J)
Mala plovila - Konstrukcija trupa in zahtevane lastnosti - 8. del: Krmila (ISO 12215-8:2009, vključuje popravek Cor 1:2010)
Small craft - Hull construction and scantlings - Part 8: Rudders (ISO 12215-8:2009, including Cor 1:2010)
Osnova: EN ISO 12215-8:2018
ICS: 47.080, 47.020.10

This part of ISO 12215 gives requirements on the scantlings of rudders fitted to small craft with a length of hull, LH, of up to 24 m, measured according to ISO 8666. It applies only to monohulls.
This part of ISO 12215 does not give requirements on rudder characteristics required for proper steering capabilities.
This part of ISO 12215 only considers pressure loads on the rudder due to craft manoeuvring. Loads on the rudder or its skeg, where fitted, induced by grounding or docking, where relevant, are out of scope and need to be considered separately.
NOTE Scantlings derived from this part of ISO 12215 are primarily intended to apply to recreational craft including charter craft.

SIST EN ISO 12215-9:2018 SIST EN ISO 12215-9:2012
2018-12 (po) (en;fr;de) 85 str. (M)
Mala plovila - Konstrukcija trupa in zahtevane lastnosti - 9. del: Dodatni pribor jadrnic (ISO 12215-9:2012)
Small craft - Hull construction and scantlings - Part 9: Sailing craft appendages (ISO 12215-9:2012)
Osnova: EN ISO 12215-9:2018
ICS: 47.020.10, 47.080

This part of ISO 12215 defines the loads and specifies the scantlings of sailing craft appendages on monohull sailing craft with a length of hull, LH, of up to 24 m, measured according to ISO 8666. It gives
- the design stresses,
- the structural components to be assessed,
- load cases and design loads for keel, centreboard and their attachments,
- the computation of [illegible], and
- the means for compliance with its provisions.

SIST EN ISO 12216:2018 SIST EN ISO 12216:2003

2018-12 (po) (en;fr;de) 72 str. (L)

Mala plovila - Okna, lopute, pokrovi in vrata - Zahteve za trdnost in odpornost proti vodi (ISO 12216:2002)

Small craft - Windows, portlights, hatches, deadlights and doors - Strength and watertightness requirements (ISO 12216:2002)

Osnova: EN ISO 12216:2018

ICS: 91.060.50, 47.080

This International Standard specifies technical requirements for windows, portlights, hatches, deadlights and doors on small craft of hull length up to 24 m, taking into account the type of craft, its design category, and the location of the appliance.

The appliances considered in this International Standard are only those that are critical for the craft's watertightness, i.e. those that could lead to flooding in case of rupture of the plate.

This International Standard is mostly intended to be used for recreational craft, but it may be used for nonrecreational small craft of hull length up to 24 m, excluding lifeboats. However, it is not applicable to commercial or work boats used in severe conditions.

SIST EN ISO 13297:2018 SIST EN ISO 13297:2015

2018-12 (po) (en;fr;de) 35 str. (H)

Mala plovila - Električni sistemi - Inštalacije za izmenični tok (ISO 13297:2014)

Small craft - Electrical systems - Alternating current installations (ISO 13297:2014)

Osnova: EN ISO 13297:2018

ICS: 47.020.60, 47.080

ISO 13297:2014 specifies the requirements for the design, construction and installation of low-voltage alternating current electrical systems which operate at nominal voltages of less than 250 V single phase on small craft of hull length up to 24 m.

Additional information to be included in the owner's manual is listed.

SIST EN ISO 13590:2018 SIST EN ISO 13590:2004
SIST EN ISO 13590:2004/A7C:2004

2018-12 (po) (en;fr;de) 31 str. (G)

Mala plovila - Osebna plovila - Zahteve za konstrukcijo in inštalacijo sistema (ISO 13590:2003)

Small craft - Personal watercraft - Construction and system installation requirements (ISO 13590:2003)

Osnova: EN ISO 13590:2018

ICS: 47.080

This International Standard applies to personal watercraft as defined in 3.1, for the construction and installation of builder's plate, permanently installed petrol fuel systems, electrical systems, steering systems, ventilation, hull structure and floatation, and requirements for stability, freeboard and owner's manual.

SIST EN ISO 14509-1:2018 SIST EN ISO 14509-1:2008

2018-12 (po) (en;fr;de) 26 str. (F)

Mala plovila - Merjenje zvoka v zraku, ki ga oddajajo motorizirana rekreacijska plovila - 1. del: Postopki merjenja pri vožnji mimo (ISO 14509-1:2008)

Small craft - Airborne sound emitted by powered recreational craft - Part 1: Pass-by measurement procedures (ISO 14509-1:2008)

Osnova: EN ISO 14509-1:2018

ICS: 47.080, 17.140.30

This part of ISO 14509 specifies the conditions for obtaining reproducible and comparable measurement results of the maximum sound pressure level of airborne sound generated during the

passage of powered recreational craft of up to 24 m length of hull, including inboards, stern drives, personal watercraft (PWC) and outboard motors. It also specifies standard craft based type tests for stern drives with integral exhaust systems and for outboard motors. It also specifies the procedure to be followed if, in addition to the maximum sound pressure level, the determination of the sound exposure level is desired.
NOTE For craft other than those specified above, ISO 2922 is applicable for sound emission measurements.
The accuracy grade of the acoustical test procedures specified in this part of ISO 14509 is engineering grade (grade 2).

SIST EN ISO 14509-3:2018 SIST EN ISO 14509-3:2009
2018-12 (po) (en;fr;de) 20 str. (E)
Mala plovila - Zvok v zraku, ki ga oddajajo motorizirana rekreacijska plovila - 3. del: Ocenjevanje hrupa z uporabo računskih in merilnih postopkov (ISO 14509-3:2009)
Small craft - Airborne sound emitted by powered recreational craft - Part 3: Sound assessment using calculation and measurement procedures (ISO 14509-3:2009)
Osnova: EN ISO 14509-3:2018
ICS: 47.080, 17.140.30

This part of ISO 14509 specifies the procedures for assessing sound emission of powered monohull recreational craft of length up to 24 m with a Froude number greater than 1,1. It is not applicable for personal watercraft (PWC).
This part of ISO 14509 specifies the determination of the A-weighted sound pressure level by combining a calculation method and a measurement method.

SIST EN ISO 15083:2018 SIST EN ISO 15083:2004
2018-12 (po) (en;fr;de) 17 str. (E)
Mala plovila - Kalužni sistemi (na čolnih) (ISO 15083:2003)
Small craft - Bilge-pumping systems (ISO 15083:2003)
Osnova: EN ISO 15083:2018
ICS: 47.080

This International Standard specifies requirements for pumping or alternative means designed to remove normal accumulations of bilge water for small craft with a hull length, LH, up to 24 m according to ISO 8666.
This International Standard does not set requirements for bilge pumps or bilge-pumping systems designed for damage control.

SIST EN ISO 15084:2018 SIST EN ISO 15084:2003
2018-12 (po) (en;fr;de) 15 str. (D)
Mala plovila - Sidranje, privez in vleka - Poudarki (ISO 15084:2003)
Small craft - Anchoring, mooring and towing - Strong points (ISO 15084:2003)
Osnova: EN ISO 15084:2018
ICS: 47.080

This International Standard specifies requirements for strong points for attaching chains, cables and lines for anchoring, mooring and towing small craft. It does not specify the requirement for any strong point from which the craft can tow other vessels. This standard is applicable to small craft with a hull length up to 24 m.
This International Standard does not define anchor weights or the length of chains and lines.

SIST EN ISO 16180:2018 SIST EN ISO 16180:2013

2018-12 (po) (en;fr;de) 17 str. (E)

Mala plovila - Navigacijske luči - Vgradnja, razporeditev in domet (ISO 16180:2013)

Small craft - Navigation lights - Installation, placement and visibility (ISO 16180:2013)

Osnova: EN ISO 16180:2018

ICS: 47.020.60, 47.080

This International Standard specifies requirements and gives guidelines for the placement, installation and visibility of navigation lights as described in COLREG for recreational craft of less than 24 m in length of hull, as described in ISO 8666. Annex A lists additional information to be included in the owner's manual.

NOTE Other national regulations may apply for craft on certain waters.

SIST EN ISO 17696:2018 SIST EN 13571:2004
SIST EN 13571:2004/AC:2004

2018-12 (po) (en;fr;de) 12 str. (C)

Obutev - Preskusne metode za zgornje dele, podloge in vrhnje vložke - Pretržna trdnost (ISO 17696:2004)

Footwear - Test methods for uppers, linings and insocks - Tear strength (ISO 17696:2004)

Osnova: EN ISO 17696:2018

ICS: 61.060

ISO 17696:2004 specifies a test method for assessing the tear strength of uppers, linings and insocks or complete upper assemblies, irrespective of material, in order to assess suitability for end use.

SIST EN ISO 17702:2018 SIST EN 13518:2004
SIST EN 13518:2004/A1:2005

2018-12 (po) (en;fr;de) 16 str. (D)

Obutev - Preskusne metode za zgornje dele - Odpornost proti vodi (ISO 17702:2003)

Footwear - Test methods for uppers - Water resistance (ISO 17702:2003)

Osnova: EN ISO 17702:2018

ICS: 61.060

ISO 17702:2003 specifies a test method for determining the resistance of footwear upper material to water penetration on flexing, in order to assess the suitability for the end use.

SIST EN ISO 17703:2018 SIST EN 13519:2004

2018-12 (po) (en;fr;de) 13 str. (D)

Obutev - Preskusne metode za zgornje dele - Obnašanje pri visoki temperaturi (ISO 17703:2003)

Footwear - Test methods for uppers - High temperature behaviour (ISO 17703:2003)

Osnova: EN ISO 17703:2018

ICS: 61.060

ISO 17703:2003 specifies a test method for determining the effect of heat on the tensile strength of uppers or complete upper assemblies irrespective of the material, in order to assess the suitability for the end use.

SIST EN ISO 17705:2018 SIST EN 13521:2004

2018-12 (po) (en;fr;de) 14 str. (D)

Obutev - Preskusne metode za zgornje dele, podloge in vrhnje vložke - Toplotna izolacija (ISO 17705:2003)

Footwear - Test methods for uppers, lining and insocks - Thermal insulation (ISO 17705:2003)

Osnova: EN ISO 17705:2018

ICS: 61.060

ISO 17705:2003 specifies a test method for determining the thermal conductivity of uppers, lining and insocks irrespective of the material, in order to assess the suitability for the end use.

SIST EN ISO 17706:2018 SIST EN 13522:2004

2018-12 (po) (en;fr;de) 14 str. (D)

Obutev - Preskusne metode za zgornje dele - Natezna trdnost in raztezek (ISO 17706:2003)

Footwear - Test methods for uppers - Tensile strength and elongation (ISO 17706:2003)

Osnova: EN ISO 17706:2018

ICS: 61.060

ISO 17706:2003 specifies a test method for determining the force required to break a test specimen from uppers irrespective of the material, in order to asses the suitability for the end use.

SIST EN ISO 17709:2018 SIST EN 13400:2004
SIST EN 13400:2004/AC:2004

2018-12 (po) (en;fr;de) 17 str. (E)

Obutev - Mesto vzorčenja, priprava in trajanje kondicioniranja vzorcev in preskušancev (ISO 17709:2004)

Footwear - Sampling location, preparation and duration of conditioning of samples and test pieces (ISO 17709:2004)

Osnova: EN ISO 17709:2018

ICS: 61.060

ISO 17709:2004 specifies the sampling location, preparation and duration of conditioning of samples and test pieces for footwear components and footwear, to carry out the test methods needed to determine the suitable properties for the end use.

SIST EN ISO 18895:2018 SIST EN 12958:2002
SIST EN 12958:2002/A1:2004

2018-12 (po) (en;fr;de) 12 str. (C)

Obutev - Preskusne metode za spoje - Odpornost proti utrujanju (ISO 18895:2006)

Footwear - Test methods for shanks - Fatigue resistance (ISO 18895:2006)

Osnova: EN ISO 18895:2018

ICS: 61.060

ISO 18895:2006 specifies a test method for assessing the fatigue resistance of steel shanks of at least 100 mm in length used for the reinforcement of the waist region of women's shoes and of some men's and children's shoes.

SIST EN ISO 21043-1:2018

2018-12 (po) (en;fr;de) 14 str. (D)

Forenzične znanosti - 1. del: Pojmi in definicije (ISO 21043-1:2018)

Forensic Sciences - Part 1: Terms and definitions (ISO 21043-1:2018)

Osnova: EN ISO 21043-1:2018

ICS: 07.140

This document defines terms used in the ISO 21043 series of standards.

SIST EN ISO 21487:2018 SIST EN ISO 21487:2013
SIST EN ISO 21487:2013/A1:2015
SIST EN ISO 21487:2013/A2:2016

2018-12 (po) (en;fr;de) 24 str. (F)

Mala plovila - Trajno vgrajeni rezervoarji za bencinsko in dizelsko gorivo (ISO 21487:2012, vključno z dopolniloma A1:2014 in A2:2015)

Small craft - Permanently installed petrol and diesel fuel tanks (ISO 21487:2012, including Amd 1:2014 and Amd 2:2015)

Osnova: EN ISO 21487:2018
ICS: 47.020.20, 47.080

This International Standard establishes requirements for design and test of petrol and diesel fuel tanks for internal combustion engines that are intended to be permanently installed in small craft of up to 24 m length of hull. For installation requirements, ISO 10088 applies.

SIST EN ISO 22315:2018

2018-12 (po) (en;fr;de) 33 str. (H)

Družbena varnost – Množična evakuacija - Smernice za načrtovanje (ISO 22315:2014)

Societal security - Mass evacuation - Guidelines for planning (ISO 22315:2014)

Osnova: EN ISO 22315:2018
ICS: 03.100.01

ISO 22315:2014 provides guidelines for mass evacuation planning in terms of establishing, implementing, monitoring, evaluating, reviewing, and improving preparedness. It establishes a framework for each activity in mass evacuation planning for all identified hazards. It will help organizations to develop plans that are evidence-based and that can be evaluated for effectiveness.
ISO 22315:2014 is intended for use by organizations with responsibility for, or involvement in, part or all of the planning for mass evacuation. It is applicable to all types and sizes of organizations that are involved in the planning for mass evacuation, such as local, regional, and national governments; statutory bodies; international and non-governmental organizations; businesses; and public and social groups.
ISO 22315:2014 covers planning for mass evacuation in order to gain a more effective response during the actual evacuation. It will assist organizations to meet their obligation of saving human life and reducing suffering.
ISO 22315:2014 does not cover activities to stabilize the affected area after an evacuation, protect property, and preserve the environment.

SIST EN ISO 22397:2018

2018-12 (en;fr;de) 21 str. (F)

Družbena varnost - Smernice za vzpostavitev partnerskih dogovorov (ISO 22397:2014)

Societal security - Guidelines for establishing partnering arrangements (ISO 22397:2014)

Osnova: EN ISO 22397:2018
ICS: 03.100.01

ISO 22397:2014 provides guidelines for establishing partnering arrangements among organizations to manage multiple relationships for events impacting on societal security. It incorporates principles and describes the process for planning, developing, implementing and reviewing partnering arrangements.
ISO 22397:2014 is applicable to all organizations regardless of type, size and nature of activity whether in or between the private, public, or not-for-profit sectors.

SIST EN ISO 22653:2018 SIST EN 12826:2000
SIST EN 12826:2000/AC:2004

2018-12 (po) (en;fr;de) 25 str. (F)

Obutev - Preskusne metode za podloge in vrhnje vložke - Statično trenje (ISO 22653:2003)

Footwear - Test methods for lining and insocks - Static friction (ISO 22653:2003)

Osnova: EN ISO 22653:2018
ICS: 61.060

ISO 22653:2003 specifies two methods of assessing the frictional properties of lining and insocks, irrespective of the material.

SIST EN ISO 25197:2018 SIST EN ISO 25197:2013
SIST EN ISO 25197:2013/A1:2015

2018-12 (po) (en;fr;de) 30 str. (G)

Mala plovila - Električni/elektronski regulacijski sistemi za krmarjenje, prestavljanje in pogon (ISO 25197:2012, vključno z dopolnilom A1:2014)

Small craft - Electrical/electronic control systems for steering, shift and throttle (ISO 25197:2012, vključno z dopolnilom A1:2014)

Osnova: EN ISO 25197:2018
ICS: 47.020.60, 47.080

ISO 25197:2012 establishes the requirements for design, construction and testing of electrical/electronic steering, shift and throttle and dynamic position control systems, or combinations thereof, on small craft of up to 24 m length of hull.

SIST EN ISO 28057:2018

2018-12 (po) (en;fr;de) 48 str. (I)

Dozimetrija s trdnimi termoluminiscenčnimi zaznavali pri fotonskih in elektronskih sevanjih v radioterapiji (ISO 28057:2014)

Dosimetry with solid thermoluminescence detectors for photon and electron radiations in radiotherapy (ISO 28057:2014)

Osnova: EN ISO 28057:2018
ICS: 13.280

ISO 28057:2014 describes rules for the procedures, applications, and systems of thermoluminescence dosimetry (TLD) for dose measurements according to the probe method. It is particularly applicable to solid "TL detectors", i.e. rods, chips, and microcubes, made from LiF:Mg,Ti or LiF:Mg,Cu,P in crystalline or polycrystalline form. The probe method encompasses the arrangement, particularly in a water phantom or in a tissue-equivalent phantom, of single TL detectors or of "TL probes", i.e. sets of TL detectors arranged in thin-walled polymethyl methacrylate (PMMA) casings.
The purpose of these rules is to guarantee the reliability and the accuracy indispensable in clinical dosimetry when applied on or in the patient or phantom. ISO 28057:2014 applies to dosimetry in teletherapy with both photon radiation from 20 keV to 50 MeV and electron radiation from 4 MeV to 25 MeV, as well as in brachytherapy with photon-emitting radionuclides. These applications are complementary to the use of ionization chambers.

SIST EN ISO 29463-2:2018 SIST EN 1822-2:2010

2018-12 (po) (en;fr;de) 34 str. (H)

Zelo učinkoviti filtri in filtrirno sredstvo za odstranjevanje delcev iz zraka - 2. del: Proizvodnja aerosola, merilna oprema in statistika štetja delcev (ISO 29463-2:2011)

High-efficiency filters and filter media for removing particles in air - Part 2: Aerosol production, measuring equipment and particle-counting statistics (ISO 29463-2:2011)

Osnova: EN ISO 29463-2:2018
ICS: 13.040.99, 91.140.30

ISO 29463-2:2011 specifies the aerosol production and measuring equipment used for testing high-efficiency filters and filter media in accordance with ISO 29463-3, ISO 29463-4 and ISO 29463-5, as well as the statistical basis for particle counting with a small number of counted events. It is intended to be used in conjunction with ISO 29463-1, ISO 29463-3, ISO 29463-4 and ISO 29463-5.

SIST EN ISO 29463-3:2018 SIST EN 1822-3:2010
2018-12 (po) (en;fr;de) 28 str. (G)
Zelo učinkoviti filtri in filtrirno sredstvo za odstranjevanje delcev iz zraka - 3. del: Preskušanje ravnih filtrskih medijev (ISO 29463-3:2011)
High-efficiency filters and filter media for removing particles in air - Part 3: Testing flat sheet filter media (ISO 29463-3:2011)
Osnova: EN ISO 29463-3:2018
ICS: 13.040.99, 91.140.30

ISO 29463-3:2011 specifies the test procedure for testing the efficiency of flat sheet filter media. It is intended for use in conjunction with ISO 29463-1, ISO 29463-2, ISO 29463-4 and ISO 29463-5.

SIST EN ISO 29463-4:2018 SIST EN 1822-4:2010
2018-12 (po) (en;fr;de) 46 str. (I)
Zelo učinkoviti filtri in filtrirno sredstvo za odstranjevanje delcev iz zraka - 4. del: Preskusne metode za ugotavljanje prepuščanja delcev skozi filtrske elemente - metoda s skeniranjem (ISO 29463-4:2011)
High-efficiency filters and filter media for removing particles in air - Part 4: Test method for determining leakage of filter elements-Scan method (ISO 29463-4:2011)
Osnova: EN ISO 29463-4:2018
ICS: 13.040.99, 91.140.30

ISO 29463-4:2011 specifies the test procedure of the "scan method", considered to be the reference method, for determining the leakage of filter elements. It is applicable to filters ranging from classes ISO 35 H to ISO 75 U. ISO 29463-4:2011 also describes the other normative methods: the oil thread leak test and the photometer leak test, applicable to classes ISO 35 H to ISO 45 H HEPA filters, and the leak test with solid PSL aerosol. ISO 29463-4:2011 is intended for use in conjunction with ISO 29463-1, ISO 29463-2, ISO 29463-3 and ISO 29463-5.

SIST EN ISO 29463-5:2018 SIST EN 1822-5:2010
2018-12 (po) (en;fr;de) 31 str. (G)
Zelo učinkoviti filtri in filtrirno sredstvo za odstranjevanje delcev iz zraka - 5. del: Metoda preskušanja filtrskih elementov (ISO 29463-5:2011)
High-efficiency filters and filter media for removing particles in air - Part 5: Test method for filter elements (ISO 29463-5:2011)
Osnova: EN ISO 29463-5:2018
ICS: 13.040.99, 91.140.30

Standard specifies the reference test procedure for determining the efficiency of filters at their most penetrating particle size (MPPS). It also gives guidelines for the testing and classification for filters with an MPPS of less than 0,1 µm and filters using media with (charged) synthetic fibres. ISO 29463-5:2011 is intended for use in conjunction with ISO 29463-1, ISO 29463-2, ISO 29463-3 and ISO 29463-4.

SIST EN ISO 6185-1:2018 SIST EN ISO 6185-1:2002
2018-12 (po) (en;fr;de) 41 str. (I)
Napihljivi čolni - 1. del: Čolni z motorjem z največjo močjo 4,5 kW (ISO 6185-1:2001)
Inflatable boats - Part 1: Boats with a maximum motor power rating of 4,5 kW (ISO 6185-1:2001)
Osnova: EN ISO 6185-1:2018
ICS: 47.080

This part of ISO 6185 specifies the minimum safety characteristics required for the design, materials to use, manufacture and testing of inflatable boats (including rigid inflatable boats) less than 8 m in overall length with a minimum buoyancy of 1 800 N.
This part of ISO 6185 is applicable to the following types of inflatable boats intended for use within the operating temperatures of – 5 •C to + 60 •C:
• Type I: Inflatable boats propelled exclusively by manual means;
• Type II: Inflatable boats capable of taking a maximum motor power of 4,5 kW;
• Type III: Inflatable canoes and kayaks (see normative annex A);
• Type IV: Inflatable craft propelled by sail with a maximum sail area of 6 m2 (see normative annex B).
NOTE 1 General arrangements of typical boats of Types I, II and III are given in annexes C, D and E, respectively.
NOTE 2 For boats with power ratings of 4,5 kW and greater, refer to ISO 6185-2 and ISO 6185-3.
This part of ISO 6185 excludes single-chambered boats and is not applicable to aquatic toys and inflatable liferafts.

SIST EN ISO 6185-2:2018 SIST EN ISO 6185-2:2002
2018-12 (po) (en;fr;de) 37 str. (H)
Napihljivi čolni - 2. del: Čolni z motorjem z močjo med 4,5 kW in 15 kW (ISO 6185-2:2001)
Inflatable boats - Part 2: Boats with a maximum motor power rating of 4,5 kW to 15 kW inclusive (ISO 6185-2:2001)
Osnova: EN ISO 6185-2:2018
ICS: 47.080

This part of ISO 6185 specifies the minimum safety characteristics required for the design, materials to use, manufacture and testing of inflatable boats (including rigid inflatable boats) less than 8 m in overall length with a minimum buoyancy of 1 800 N.
This part of ISO 6185 is applicable to the following types of inflatable boats, intended for use within the operating temperatures of – 15 •C to • 60 •C:
• Type V: Inflatable boats capable of taking a motor power rating of 4,5 kW to 15 kW inclusive;
• Type VI: Inflatable craft propelled by sail with a sail area greater than 6 m2 (see normative annex A).
NOTE For boats with power ratings of 4,5 kW and less, refer ISO 6185-1, and for boats with power ratings of 15 kW and greater, refer to ISO 6185-3.
This part of ISO 6185 excludes single-chambered boats and boats made from unsupported materials of more than 12 kN buoyancy and powered by motors exceeding 4,5 kW, and is not applicable to aquatic toys and inflatable liferafts.

SIST EN ISO 6185-3:2018 SIST EN ISO 6185-3:2014
2018-12 (po) (en;fr;de) 42 str. (I)
Napihljivi čolni - 3. del: Čolni s trupom, krajšim od 8 m, in motorjem z močjo, večjo ali enako 15 kW (ISO 6185-3:2014)
Inflatable boats - Part 3: Boats with a hull length less than 8 m with a motor rating of 15 kW and greater (ISO 6185-3:2014)
Osnova: EN ISO 6185-3:2018
ICS: 47.080

This part of ISO 6185 specifies the minimum safety characteristics required for the design, materials to use, manufacture and testing of inflatable boats and rigid inflatable boats with a hull length LH in accordance with ISO 8666 less than 8 m with a motor power rating of 15 kW and greater.
This part of ISO 6185 is applicable to the following types of boats intended for use within the operating temperatures of – 20 °C to + 60 °C:
— Type VII: Powered Boats fitted with a buoyancy tube attached to the port and starboard sides, suitable for navigation in conditions of Design Categories C and D and capable of installing motor power rating of 15 kW and greater.

— Type VIII: Powered Boats fitted with a buoyancy tube attached to the port and starboard sides, suitable for navigation in conditions of Design Category B capable of installing motor power rating of 75kW and greater.
NOTE 1 General arrangements of typical boats of Types VII and VIII are given in Annexes A and B, respectively.
This part of ISO 6185 excludes single-chambered boats and boats made from unsupported materials, and is not applicable to aquatic toys and inflatable liferafts.
NOTE 2 For craft, concerned by the Recreational Craft Directive (RCD) of the European Union, fitted with inboard engines with nonstandard integral exhausts, noise emission requirements need to be considered.

SIST EN ISO 6185-4:2018 SIST EN ISO 6185-4:2011
2018-12 (po) (en;fr;de) 39 str. (H)
Napihljivi čolni - 4. del: Čolni s trupom od 8 do 24 m in z motorjem z močjo 15 kW in več (ISO 6185-4:2011, popravljena verzija 2014-08-01)
Inflatable boats - Part 4: Boats with a hull length of between 8 m and 24 m with a motor power rating of 15 kW and greater (ISO 6185-4:2011, Corrected version 2014-08-01)
Osnova: EN ISO 6185-4:2018
ICS: 47.080

This part of ISO 6185 specifies the minimum safety characteristics required for the design, materials, manufacture and testing of rigid inflatable boats (RIBs) with a hull length of between 8 m and 24 m and with a motor power rating of 15 kW and greater.
This part of ISO 6185 is applicable to Type IX and Type X RIBs intended for use within the operating temperatures of −20 °C to +60 °C.
— Type IX: Powered boats, fitted with a buoyancy tube covering at least 85 % of the port and starboard sides, suitable for navigation in inshore and sheltered waters, up to and including wind force 6 Beaufort and significant wave heights up to 2 m (design categories C and D), with a hull length of between 8 m and 24 m and with a motor power rating of 15 kW and greater.
— Type X: Powered boats, fitted with a buoyancy tube covering at least 85 % of the port and starboard sides, suitable for navigation in waters, up to wind force 8 Beaufort and significant wave heights up to 4 m (design category B), with a hull length of between 8 m and 24 m and with a motor power rating of 75 kW and greater.
NOTE 1 General arrangements of typical boats of Types IX and X are given in Annexes A and B, respectively.
NOTE 2 For boats with power ratings of 4,5 kW and less, refer to ISO 6185-1. For boats with power ratings of 4,5 kW to 15 kW inclusive, refer to ISO 6185-2. For boats with a hull length of less than 8 m and power rating of 15 kW and greater, refer to ISO 6185-3.
Boats outside these types or outside of Type IX and Type X, as defined, are outside of the scope of ISO 6185.
NOTE 3 For inflatable boats with a hull length greater than 8 m, it is suggested to use the requirements of ISO 6185-3.

SIST EN ISO 7840:2018 SIST EN ISO 7840:2014
2018-12 (po) (en;fr;de) 18 str. (E)
Mala plovila - Proti ognju odporne cevi za gorivo (ISO 7840:2013)
Small craft - Fire-resistant fuel hoses (ISO 7840:2013)
Osnova: EN ISO 7840:2018
ICS: 13.220.40, 47.020.30, 47.080

This International Standard specifies general requirements and physical tests for fire-resistant hoses for conveying petrol or petrol blended with ethanol and diesel fuel or diesel fuel blended with FAME, designed for a working pressure not exceeding 0,34 MPa for hoses with nominal bore up to and including 10 mm and 0,25 MPa for hoses up to 63 mm inner diameter in craft of hull length up to 24 m.

It applies to hoses for small craft with permanently installed fuel systems. It does not apply to hoses entirely within the splash well at the stern of the craft connected directly to an outboard engine.
Specifications for non-fire-resistant fuel hoses are given in ISO 8469[1]. Specifications for permanently installed fuel systems are given in ISO 10088.

SIST EN ISO 8384:2018 SIST EN ISO 8384:2002
2018-12 (po) (en;fr;de) 29 str. (G)
Ladje in pomorska tehnologija - Plovni bagri - Slovar (ISO 8384:2018)
Ships and marine technology - Dredgers - Vocabulary (ISO 8384:2018)
Osnova: EN ISO 8384:2018
ICS: 47.020.40, 01.040.47

This document specifies terms and definitions relating to dredgers, with the aim of giving clear enough definitions for every term for them to be understood by all specialists.
This document is applicable only to equipment which is used for the construction and maintenance of navigable waterways and the extraction of soil and rocks.
The terms specified in this document are intended to be used in documentation of all kinds. Certain standardized terms are also given with their abridged version; these can be used in cases where no possibility of misinterpretation can arise.
A combination of terms is allowed in application.

SIST EN ISO 8469:2018 SIST EN ISO 8469:2013
2018-12 (po) (en;fr;de) 16 str. (D)
Mala plovila - Gorljive cevi za gorivo (ISO 8469:2013)
Small craft - Non-fire-resistant fuel hoses (ISO 8469:2013)
Osnova: EN ISO 8469:2018
ICS: 13.220.40, 47.020.30, 47.080

This International Standard specifies general requirements and physical tests for non-fire-resistant hoses for conveying petrol or petrol blended with ethanol and diesel fuel or diesel fuel blended with FAME, designed for a working pressure not exceeding 0,34 MPa for hoses with inner diameter up to and including 10 mm and 0,25 MPa for hoses up to 63 mm inner diameter in craft of hull length up to 24 m. It applies to hoses for small craft with permanently installed fuel systems.
Specifications for fire-resistant hoses are given in ISO 7840[1]. Specifications for permanently installed fuel systems are given in ISO 10088[2].

SIST EN ISO 8666:2018 SIST EN ISO 8666:2016
2018-12 (po) (en;fr;de) 33 str. (H)
Mala plovila - Osnovni podatki (ISO 8666:2016)
Small craft - Principal data (ISO 8666:2016)
Osnova: EN ISO 8666:2018
ICS: 47.080

ISO 8666:2016 establishes definitions of main dimensions and related data and of mass specifications and loading conditions. It applies to small craft having a length of the hull (LH) of up to 24 m.

SIST EN ISO 8849:2018 SIST EN ISO 8849:2004
2018-12 (po) (en;fr;de) 10 str. (C)
Mala plovila - Električne kalužne črpalke za enosmerno napetost (ISO 8849:2003)
Small craft - Electrically operated direct-current bilge pumps (ISO 8849:2003)
Osnova: EN ISO 8849:2018
ICS: 47.020.60, 47.080

This International Standard specifies requirements for electrically operated direct-current bilge pumps intended for use in removing bilge water from small craft with a hull length up to 24 m. It applies to electrically operated bilge pumps rated for less than 50 V direct current (d.c.).
This International Standard does not cover pumps intended for damage control.

SIST EN ISO 9093-1:2018 SIST EN ISO 9093-1:2000
2018-12 (po) (en;fr;de) 12 str. (C)
Mala plovila - Ventili in fitingi za morsko vodo v trupu plovila - 1. del: Kovinski (ISO 9093-1:1994)
Small craft - Seacocks and through-hull fittings - Part 1: Metallic (ISO 9093-1:1994)
Osnova: EN ISO 9093-1:2018
ICS: 47.020.30, 47.080

Specifies requirements for metallic through-hull fittings, seacocks and hose fittings that specifically form part of water intake and discharge lines, and for wet exhaust outlets used in small craft of up to 24 m length of hull. Applies to seacocks and through-hull fittings with cylindrical pipe threads in accordance with ISO 228-1, and with joints for conical pipe threads in accordance with ISO 7-1 with nominal diameters of 1/4, 3/8, 1/2, 3/4, 1, 1 1/4, 1 1/2, 2, 2 1/2, 3 or 4 in.

SIST EN ISO 9093-2:2018 SIST EN ISO 9093-2:2003
2018-12 (po) (en;fr;de) 16 str. (D)
Mala plovila - Ventili in fitingi za morsko vodo v trupu plovila - 2. del: Nekovinski (ISO 9093-2:2002)
Small craft - Seacocks and through-hull fittings - Part 2: Non-metallic (ISO 9093-2:2002)
Osnova: EN ISO 9093-2:2018
ICS: 47.020.30, 47.080

ISO 9093-2:2002 specifies requirements for the manufacture and installation of non-metallic through-hull fittings and/or assemblies comprising through-hull fittings, seacocks, hose fittings and/or drain plugs and components attached thereto, used in small craft of up to 24 m length of hull.
ISO 9093-2:2002 is not applicable to engine exhaust fittings and sail drive through-hull connections.

SIST EN ISO/ASTM 52901:2018
2018-12 (po) (en;fr;de) 19 str. (E)
Aditivna proizvodnja - Splošna načela - Zahteve za nakup delov AM (ISO/ASTM 52901:2017)
Additive manufacturing - General principles - Requirements for purchased AM parts (ISO/ASTM 52901:2017)
Osnova: EN ISO/ASTM 52901:2018
ICS: 25.030

ISO/ASTM 52901:2017 defines and specifies requirements for purchased parts made by additive manufacturing. ISO/ASTM 52901:2017 gives guidelines for the elements to be exchanged between the customer and the part provider at the time of the order, including the customer order information, part definition data, feedstock requirements, final part characteristics and properties, inspection requirements and part acceptance methods.
ISO/ASTM 52901:2017 is applicable for use as a basis to obtain parts made by additive manufacturing that meet minimum acceptance requirements. More stringent part requirements can be specified through the addition of one or more supplementary requirements at the time of the order.

SIST-TP CEN/TR 17236:2018
2018-12 (po) (en;fr;de) 11 str. (C)
Elektronske cigarete in e-tekočine - Sestavine, ki jih je treba meriti v aerosolu inhalacijskih proizvodov
Electronic cigarettes and e-liquids - Constituents to be measured in the aerosol of vaping products
Osnova: CEN/TR 17236:2018
ICS: 65.160

This European Technical Report gives a list of constituents of interest proposed for measurement in the aerosol for the purpose of regulatory submission under the Directive 2014/40/EU (TPD) [2] , for:
- prefilled products such as disposable e-cigarettes and refill cartridges;
- e-liquids sold in refill containers;
- the following categories of hardware: coils or other heater elements of the vaping product, atomisers, rebuildable atomisers and all open tank or dripper products with inbuilt atomisers, including clearomisers.

This list is not intended to be comprehensive but rather, it represents the default minimum requirement. Depending on the device/liquid combination and the toxicological assessment other substances might have to be measured as well.

SIST-TS CEN/TS 17091:2018
2018-12 (po) (en;fr;de) 34 str. (H)
Krizno vodenje - Navodilo za razvoj strateške zmogljivosti
Crisis management - Guidance for developing a strategic capability
Osnova: CEN/TS 17091:2018
ICS: 03.100.01

This document provides guidance on good practice for crisis management to help the strategic decision makers of an organization to plan, implement, establish, operate, monitor, review, maintain and continually improve a crisis management capability. It is intended for any organization regardless of location, size, type, industry, structure, or sector. While it is important to be aware of human and cultural factors as they can cause stress when working as individuals and as part of groups, it is not the purpose of this document to examine aspects of these areas in detail.

This document provides guidance for:
- understanding the context and challenges of crisis management;
- developing an organization's crisis management capability through preparedness (see 5.5);
- recognizing the complexities facing a crisis team in action;
- communicating successfully during a crisis; and
- reviewing and learning.

NOTE 1 For further information on organizational resilience, see ISO 22316.

This technical specification is intended for management with strategic responsibilities for the delivery of a crisis management capability. It is for those who operate under the direction and within policy of top management in:
- implementing the crisis plans and structures; and
- maintaining and assuring the procedures associated with the capability.

It is not intended for emergency and incident response - these require the application of operational procedures whereas crisis management relies on an adaptive, agile, and flexible strategic response (see 4.3).

It does not cover interoperability or command and control or business continuity management systems.

NOTE 2 For more information on interoperability and command and control, see ISO 22320. For more information on business continuity management systems, please see EN/ISO 22301.

SIST-TS CEN/TS 17217:2018
2018-12 (po) (en;fr;de) 14 str. (D)
Poštne storitve - Povratna ovojnica - Zahteve za oblikovanje in tiskanje
Postal services - Reverse envelope - Design and printing requirements
Osnova: CEN/TS 17217:2018
ICS: 03.240

This document covers physical properties and manufacturing requirements for envelopes having an address window on the flap side. It covers the main design features of the reverse envelope, notably of the flap and address window, and the materials used for the manufacturing thereof. It applies to reverse envelopes with advertising or communication printed on the plain side, eventually on its entire surface.

This document covers empty envelopes, but also finished mailpieces that have been properly inserted, addressed and franked (reversed mailpieces) and are submitted to Postal Operators. In particular, reverse mailpieces will be compliant with relevant Postal standards applicable in the member states.
By extension, these requirements also apply to non-window envelopes used for reverse mailpieces and having the address printed on the flap side.
This document does not apply to:
- envelopes with a large window on the plain side (opposite to the flap) as these are already common and widely accepted;
- paper requirements to ensure print quality (except for the postage mark and address) and notably colour rendering.

Obvestilo o prevodih že sprejetih slovenskih nacionalnih standardov

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

SIST/TC ELI Nizkonapetostne in komunikacijske električne inštalacije

SIST HD 60364-6:2016
2016-09 (pr) (sl) 53 str. (SJ)
Nizkonapetostne električne inštalacije – 6. del: Preverjanje
Low-voltage electrical installations – Part 6: Verification
Osnova: HD 60364-6:2016
ICS: 91.140.50
Datum prevoda: 2018-12

Ta del IEC 60364 obravnava zahteve za prvo preverjanje in periodična preverjanja električne inštalacije. Točka 6.4 obravnava zahteve za prvo preverjanje s pregledom in preskušanjem električne inštalacije, da se na najustreznejši način ugotovi, ali so izpolnjene zahteve drugih delov IEC 60364 in zahteve za poročanje o rezultatih prvega preverjanja. Prvo preverjanje se izvede po dokončanju nove inštalacije ali po dodelavi oziroma spremembi obstoječe.

SIST/TC VZK Vodenje in zagotavljanje kakovosti

SIST ISO 31000:2018
2018-05 (pr) (sl, en) 31 str. (SG)
Obvladovanje tveganja – Smernice
Risk management – Guidelines
Osnova: ISO 31000:2018
ICS: 03.100.01
Datum prevoda: 2018-12

Ta dokument zagotavlja smernice o obvladovanju tveganja, s katerim se soočajo organizacije. Uporabo teh smernic je mogoče prilagoditi vsaki organizaciji in njenemu kontekstu.

Ta dokument zagotavlja splošni pristop k obvladovanju vseh vrst tveganja in ni specifičen za neko industrijo ali sektor.

Ta dokument se lahko uporablja v celotnem življenju organizacije in za katerokoli aktivnost, vključno s sprejemanjem odločitev na vseh ravneh.

Razveljavitev slovenskih standardov

SIST/TC	Razveljavljeni dokument	Leto razveljavitve	Zamenjan z dokumentom
AKU	SIST EN ISO 16283-2:2016	2018-12	SIST EN ISO 16283-2:2018
AVM	SIST EN 60958-4:2004	2018-12	SIST EN 60958-4-1:2016 SIST EN 60958-4-2:2016 SIST EN 60958-4-4:2016
AVM	SIST EN 60958-4:2004/A1:2008	2018-12	SIST EN 60958-4-4:2016
DPL	SIST EN 12405-1:2005+A2:2010	2018-12	SIST EN 12405-1:2018
DPL	SIST EN 14236:2007	2018-12	SIST EN 14236:2018
DPL	SIST EN 16726:2016	2018-12	SIST EN 16726:2016+A1:2018
ELI	SIST EN 50090-4-3:2008	2018-12	SIST EN 50090-4-3:2015
ELI	SIST HD 60364-4-443:2007	2018-12	SIST HD 60364-4-443:2016
ELI	SIST HD 60364-5-534:2008	2018-12	SIST HD 60364-5-534:2016
ELI	SIST-TP CLC/TR 50600-99-1:2016	2018-12	SIST-TP CLC/TR 50600-99-1:2017
EPO	SIST EN 12726:2001	2018-12	SIST EN 12726:2018
EPO	SIST EN 15507:2009	2018-12	SIST EN 15507:2018
EPO	SIST-TS CEN/TS 15945:2011	2018-12	SIST EN ISO 17480:2018
FGA	SIST EN 60456:2011	2018-12	SIST EN 60456:2016
FGA	SIST EN 60456:2011/AC:2011	2018-12	SIST EN 60456:2016

SIST/TC	Razveljavljeni dokument	Leto razveljavitve	Zamenjan z dokumentom
IBLP	SIST EN ISO 10927:2011	2018-12	SIST EN ISO 10927:2018
IBLP	SIST EN ISO 11124-1:1997	2018-12	SIST EN ISO 11124-1:2018
IBLP	SIST EN ISO 11124-2:1997	2018-12	SIST EN ISO 11124-2:2018
IBLP	SIST EN ISO 11124-3:1997	2018-12	SIST EN ISO 11124-3:2018
IBLP	SIST EN ISO 11124-4:1997	2018-12	SIST EN ISO 11124-4:2018
IBLP	SIST EN ISO 11125-1:1997	2018-12	SIST EN ISO 11125-1:2018
IBLP	SIST EN ISO 11125-2:1997	2018-12	SIST EN ISO 11125-2:2018
IBLP	SIST EN ISO 11125-3:1997	2018-12	SIST EN ISO 11125-3:2018
IBLP	SIST EN ISO 11125-4:1997	2018-12	SIST EN ISO 11125-4:2018
IBLP	SIST EN ISO 11125-5:1997	2018-12	SIST EN ISO 11125-5:2018
IBLP	SIST EN ISO 11125-6:1997	2018-12	SIST EN ISO 11125-6:2018
IBLP	SIST EN ISO 11125-7:1997	2018-12	
IBLP	SIST EN ISO 11126-1:1997	2018-12	SIST EN ISO 11126-1:2018
IBLP	SIST EN ISO 11126-3:1997	2018-12	SIST EN ISO 11126-3:2018
IBLP	SIST EN ISO 11126-4:1998	2018-12	SIST EN ISO 11126-4:2018
IBLP	SIST EN ISO 11126-5:1998	2018-12	SIST EN ISO 11126-5:2018
IBLP	SIST EN ISO 11126-6:1997	2018-12	SIST EN ISO 11126-6:2018
IBLP	SIST EN ISO 11126-7:2000	2018-12	SIST EN ISO 11126-7:2018
IBLP	SIST EN ISO 11126-8:1997	2018-12	SIST EN ISO 11126-8:2018
IBLP	SIST EN ISO 2812-5:2007	2018-12	SIST EN ISO 2812-5:2018
IBLP	SIST EN ISO 7783:2012	2018-12	SIST EN ISO 7783:2018
IFEK	SIST EN 10164:2005	2018-12	SIST EN 10164:2018
IFEK	SIST-TP CEN/TR 10261:2013	2018-12	SIST-TP CEN/TR 10261:2018
IHPV	SIST EN 12516-1:2015	2018-12	SIST EN 12516-1:2015+A1:2018
IHPV	SIST EN 12516-4:2015	2018-12	SIST EN 12516-4:2015+A1:2018
IKER	SIST EN ISO 10545-2:1998	2018-12	SIST EN ISO 10545-2:2018
IMKG	SIST EN 12733:2001+A1:2009	2018-12	SIST EN 12733:2018
INEK	SIST EN 485-2:2016	2018-12	SIST EN 485-2:2016+A1:2018
INEK	SIST EN ISO 2085:2011	2018-12	SIST EN ISO 2085:2018
INEK	SIST EN ISO 6581:2010	2018-12	SIST EN ISO 6581:2018
INEK	SIST EN ISO 8251:2012	2018-12	SIST EN ISO 8251:2018
INEK	SIST EN ISO 8993:2010	2018-12	SIST EN ISO 8993:2018
IOVO	SIST EN 13310:2015	2018-12	SIST EN 13310:2015+A1:2018
IOVO	SIST EN 13407:2015	2018-12	SIST EN 13407:2015+A1:2018
IOVO	SIST EN 14055:2011+A1:2015	2018-12	SIST EN 14055:2018
IOVO	SIST EN 14296:2015	2018-12	SIST EN 14296:2015+A1:2018

SIST/TC	Razveljavljeni dokument	Leto razveljavitve	Zamenjan z dokumentom
IOVO	SIST EN 14528:2015	2018-12	SIST EN 14528:2015+A1:2018
IOVO	SIST EN 14688:2015	2018-12	SIST EN 14688:2015+A1:2018
IOVO	SIST EN 997:2012+A1:2015	2018-12	SIST EN 997:2018
IPKZ	SIST EN 13507:2010	2018-12	SIST EN 13507:2018
IPKZ	SIST EN 1395-5:2007	2018-12	SIST EN 1395-5:2018
IPKZ	SIST EN ISO 7539-6:2011	2018-12	SIST EN ISO 7539-6:2018
IPMA	SIST EN ISO 14852:2004	2018-12	SIST EN ISO 14852:2018
ISEL	SIST EN ISO 10683:2014	2018-12	SIST EN ISO 10683:2018
ISEL	SIST EN ISO 4042:2001	2018-12	SIST EN ISO 4042:2018
ISS SPL.GPO	SIST EN 13200-3:2006	2018-12	SIST EN 13200-3:2018
ISTP	SIST EN 12519:2004	2018-12	SIST EN 12519:2018
ITEK	SIST EN 14085:2011	2018-12	SIST EN ISO 20326:2018
ITEK	SIST EN 14215:2013	2018-12	SIST EN 14215:2018
ITEK	SIST EN ISO 10325:2010	2018-12	SIST EN ISO 10325:2018
ITEK	SIST EN ISO 15487:2011	2018-12	SIST EN ISO 15487:2018
IVAR	SIST EN ISO 8249:2001	2018-12	SIST EN ISO 8249:2018
KAT	SIST EN 16167:2013	2018-12	SIST EN 16167:2018
KAT	SIST EN ISO 15952:2012	2018-12	SIST EN ISO 15952:2018
KAT	SIST EN ISO 19258:2011	2018-12	SIST EN ISO 19258:2018
KAT	SIST EN ISO 23470:2011	2018-12	SIST EN ISO 23470:2018
KAT	SIST EN ISO 23611-1:2011	2018-12	SIST EN ISO 23611-1:2018
KAT	SIST ISO 19258:2006	2018-12	SIST EN ISO 19258:2018
KAT	SIST-TS CEN/TS 16181:2013	2018-12	SIST EN 16181:2018
KAT	SIST-TS CEN/TS 16675:2014	2018-12	SIST-TS CEN/TS 16675:2018
KIN	SIST EN 50090-5-3:2007	2018-12	SIST EN 50090-5-3:2016
KON	SIST EN 1090-2:2008+A1:2012	2018-12	SIST EN 1090-2:2018
KON	SIST-TS CEN/TS 1992-4-1:2009	2018-12	SIST EN 1992-4:2018
KON	SIST-TS CEN/TS 1992-4-2:2009	2018-12	SIST EN 1992-4:2018
KON	SIST-TS CEN/TS 1992-4-3:2009	2018-12	SIST EN 1992-4:2018
KON	SIST-TS CEN/TS 1992-4-4:2009	2018-12	SIST EN 1992-4:2018
KON	SIST-TS CEN/TS 1992-4-5:2009	2018-12	SIST EN 1992-4:2018
KON.005	SIST EN 14081-2:2011+A1:2013	2018-12	SIST EN 14081-2:2018
KON.005	SIST EN 14081-3:2012	2018-12	SIST EN 14081-3:2012+A1:2018
KŽP	SIST EN ISO 15141-1:1999	2018-12	
KŽP	SIST EN ISO 15141-2:1999	2018-12	
LLZ	SIST EN 13756:2003	2018-12	SIST EN 13756:2018

SIST/TC	Razveljavljeni dokument	Leto razveljavitve	Zamenjan z dokumentom
MEE	SIST EN 62056-6-2:2013	2018-12	SIST EN 62056-6-2:2017
OVP	SIST EN 1073-1:2016	2018-12	SIST EN 1073-1:2016+A1:2018
OVP	SIST EN 1073-1:2016/AC:2016	2018-12	SIST EN 1073-1:2016+A1:2018
OVP	SIST EN 1149-5:2008	2018-12	SIST EN 1149-5:2018
OVP	SIST EN 13832-1:2006	2018-12	SIST EN 13832-1:2018
OVP	SIST EN 16523-1:2015	2018-12	SIST EN 16523-1:2015+A1:2018
OVP	SIST EN 381-1:1996	2018-12	SIST EN ISO 11393-1:2018
OVP	SIST EN 381-3:1996	2018-12	SIST EN ISO 11393-3:2018
PCV	SIST EN 12293:2000	2018-12	SIST EN ISO 19893:2018
PCV	SIST EN 12294:2000	2018-12	SIST EN ISO 13056:2018
PCV	SIST EN 12295:2000	2018-12	SIST EN ISO 19892:2018
PCV	SIST EN ISO 11296-3:2011	2018-12	SIST EN ISO 11296-3:2018
PCV	SIST EN ISO 11297-3:2013	2018-12	SIST EN ISO 11297-3:2018
PCV	SIST EN ISO 11298-3:2011	2018-12	SIST EN ISO 11298-3:2018
PCV	SIST EN ISO 15494:2016	2018-12	SIST EN ISO 15494:2018
PIP	SIST EN ISO 18451-2:2017	2018-12	SIST EN ISO 18451-2:2018
POD	SIST-TS CLC/TS 50544:2014	2018-12	
POZ	SIST EN 13565-2:2009	2018-12	SIST EN 13565-2:2018
POZ	SIST EN 13565-2:2009/AC:2010	2018-12	SIST EN 13565-2:2018
POZ	SIST EN 54-7:2001	2018-12	SIST EN 54-7:2018
POZ	SIST EN 54-7:2001/A1:2002	2018-12	SIST EN 54-7:2018
POZ	SIST EN 54-7:2001/A2:2006	2018-12	SIST EN 54-7:2018
POZ	SIST EN ISO 5923:2013	2018-12	
POZ	SIST-TS CEN/TS 54-14:2004	2018-12	SIST-TS CEN/TS 54-14:2018
PVS	SIST EN 50521:2009	2018-12	
PVS	SIST EN 50521:2009/A1:2012	2018-12	
PVS	SIST EN 50548:2011	2018-12	
PVS	SIST EN 50548:2011/A1:2013	2018-12	
PVS	SIST EN 50548:2011/A2:2015	2018-12	
SPO	SIST EN 13451-10:2014	2018-12	SIST EN 13451-10:2018
STV	SIST EN 1096-4:2005	2018-12	SIST EN 1096-4:2018
TRS	SIST EN ISO 6413:1998	2018-12	SIST EN ISO 6413:2018
UZO	SIST-TS CEN ISO/TS 14067:2014	2018-12	SIST EN ISO 14067:2018
VAZ	SIST EN ISO 10650:2015	2018-12	SIST EN ISO 10650:2018
VAZ	SIST EN ISO 11990-1:2015	2018-12	SIST EN ISO 11990:2018
VAZ	SIST EN ISO 11990-2:2015	2018-12	SIST EN ISO 11990:2018

SIST/TC	Razveljavljeni dokument	Leto razveljavitve	Zamenjan z dokumentom
VAZ	SIST EN ISO 12870:2015	2018-12	SIST EN ISO 12870:2018
VAZ	SIST EN ISO 18472:2006	2018-12	SIST EN ISO 18472:2018
VAZ	SIST EN ISO 28158:2010	2018-12	SIST EN ISO 28158:2018
VAZ	SIST EN ISO 8638:2014	2018-12	SIST EN ISO 8637-2:2018
VGA	SIST EN 60335-2-34:2003	2018-12	SIST EN 60335-2-34:2013
VGA	SIST EN 60335-2-34:2003/A1:2005	2018-12	SIST EN 60335-2-34:2013
VGA	SIST EN 60335-2-34:2003/A11:2004	2018-12	SIST EN 60335-2-34:2013
VGA	SIST EN 60335-2-34:2003/A2:2009	2018-12	SIST EN 60335-2-34:2013
VGA	SIST EN 61029-2-1:2002	2018-12	SIST EN 61029-2-1:2010
VLA	SIST EN 13702:2010	2018-12	SIST EN 13702:2018
SS EIT	SIST EN 60068-3-5:2002	2018-12	SIST EN IEC 60068-3-5:2018
SS EIT	SIST EN 60068-3-6:2002	2018-12	SIST EN IEC 60068-3-6:2018
SS EIT	SIST EN 60286-1:2002	2018-12	SIST EN 60286-1:2018
SS EIT	SIST EN 60317-0-4:2001	2018-12	SIST EN 60317-0-4:2016
SS EIT	SIST EN 60317-0-4:2001/A1:2001	2018-12	SIST EN 60317-0-4:2016
SS EIT	SIST EN 60317-0-4:2001/A2:2006	2018-12	SIST EN 60317-0-4:2016
SS EIT	SIST EN 60317-31:2001	2018-12	SIST EN 60317-31:2016
SS EIT	SIST EN 60317-31:2001/A1:2001	2018-12	SIST EN 60317-31:2016
SS EIT	SIST EN 60317-31:2001/A2:2006	2018-12	SIST EN 60317-31:2016
SS EIT	SIST EN 60317-32:2001	2018-12	SIST EN 60317-32:2016
SS EIT	SIST EN 60317-32:2001/A1:2001	2018-12	SIST EN 60317-32:2016
SS EIT	SIST EN 60317-32:2001/A2:2006	2018-12	SIST EN 60317-32:2016
SS EIT	SIST EN 60317-33:2001	2018-12	SIST EN 60317-33:2016
SS EIT	SIST EN 60317-33:2001/A1:2002	2018-12	SIST EN 60317-33:2016
SS EIT	SIST EN 60317-33:2001/A2:2006	2018-12	SIST EN 60317-33:2016
SS EIT	SIST EN 60851-6:2001/A2:2004	2018-12	SIST EN 60851-6:2012
SS EIT	SIST EN 60384-20:2008	2018-12	SIST EN 60384-20:2015
SS SPL	SIST EN 12826:2000	2018-12	SIST EN ISO 22653:2018
SS SPL	SIST EN 12826:2000/AC:2004	2018-12	SIST EN ISO 22653:2018
SS SPL	SIST EN 12958:2002	2018-12	SIST EN ISO 18895:2018
SS SPL	SIST EN 12958:2002/A1:2004	2018-12	SIST EN ISO 18895:2018
SS SPL	SIST EN 13400:2004	2018-12	SIST EN ISO 17709:2018
SS SPL	SIST EN 13400:2004/AC:2004	2018-12	SIST EN ISO 17709:2018
SS SPL	SIST EN 13518:2004	2018-12	SIST EN ISO 17702:2018
SS SPL	SIST EN 13518:2004/A1:2005	2018-12	SIST EN ISO 17702:2018
SS SPL	SIST EN 13519:2004	2018-12	SIST EN ISO 17703:2018

SIST/TC	Razveljavljeni dokument	Leto razveljavitve	Zamenjan z dokumentom
SS SPL	SIST EN 13521:2004	2018-12	SIST EN ISO 17705:2018
SS SPL	SIST EN 13522:2004	2018-12	SIST EN ISO 17706:2018
SS SPL	SIST EN 13571:2004	2018-12	SIST EN ISO 17696:2018
SS SPL	SIST EN 13571:2004/AC:2004	2018-12	SIST EN ISO 17696:2018
SS SPL	SIST EN 1822-2:2010	2018-12	SIST EN ISO 29463-2:2018
SS SPL	SIST EN 1822-3:2010	2018-12	SIST EN ISO 29463-3:2018
SS SPL	SIST EN 1822-4:2010	2018-12	SIST EN ISO 29463-4:2018
SS SPL	SIST EN 1822-5:2010	2018-12	SIST EN ISO 29463-5:2018
SS SPL	SIST EN 2564:2001	2018-12	SIST EN 2564:2018
SS SPL	SIST EN 4611-005:2012	2018-12	SIST EN 4611-005:2018
SS SPL	SIST EN 4611-006:2012	2018-12	SIST EN 4611-006:2018
SS SPL	SIST EN 4611-007:2012	2018-12	SIST EN 4611-007:2018
SS SPL	SIST EN ISO 11192:2006	2018-12	SIST EN ISO 11192:2018
SS SPL	SIST EN ISO 11547:2000	2018-12	SIST EN ISO 11547:2018
SS SPL	SIST EN ISO 11547:2000/A1:2001	2018-12	SIST EN ISO 11547:2018
SS SPL	SIST EN ISO 11812:2002	2018-12	SIST EN ISO 11812:2018
SS SPL	SIST EN ISO 12215-1:2001	2018-12	SIST EN ISO 12215-1:2018
SS SPL	SIST EN ISO 12215-2:2002	2018-12	SIST EN ISO 12215-2:2018
SS SPL	SIST EN ISO 12215-3:2002	2018-12	SIST EN ISO 12215-3:2018
SS SPL	SIST EN ISO 12215-4:2002	2018-12	SIST EN ISO 12215-4:2018
SS SPL	SIST EN ISO 12215-5:2008	2018-12	SIST EN ISO 12215-5:2018
SS SPL	SIST EN ISO 12215-5:2008/A1:2014	2018-12	SIST EN ISO 12215-5:2018
SS SPL	SIST EN ISO 12215-6:2008	2018-12	SIST EN ISO 12215-6:2018
SS SPL	SIST EN ISO 12215-8:2009	2018-12	SIST EN ISO 12215-8:2018
SS SPL	SIST EN ISO 12215-8:2009/AC:2011	2018-12	SIST EN ISO 12215-8:2018
SS SPL	SIST EN ISO 12215-9:2012	2018-12	SIST EN ISO 12215-9:2018
SS SPL	SIST EN ISO 12216:2003	2018-12	SIST EN ISO 12216:2018
SS SPL	SIST EN ISO 13297:2015	2018-12	SIST EN ISO 13297:2018
SS SPL	SIST EN ISO 13590:2004	2018-12	SIST EN ISO 13590:2018
SS SPL	SIST EN ISO 13590:2004/AC:2004	2018-12	SIST EN ISO 13590:2018
SS SPL	SIST EN ISO 14509-1:2008	2018-12	SIST EN ISO 14509-1:2018
SS SPL	SIST EN ISO 14509-3:2009	2018-12	SIST EN ISO 14509-3:2018
SS SPL	SIST EN ISO 15083:2004	2018-12	SIST EN ISO 15083:2018
SS SPL	SIST EN ISO 15084:2003	2018-12	SIST EN ISO 15084:2018
SS SPL	SIST EN ISO 16180:2013	2018-12	SIST EN ISO 16180:2018
SS SPL	SIST EN ISO 21487:2013	2018-12	SIST EN ISO 21487:2018

SIST/TC	Razveljavljeni dokument	Leto razveljavitve	Zamenjan z dokumentom
SS SPL	SIST EN ISO 21487:2013/A1:2015	2018-12	SIST EN ISO 21487:2018
SS SPL	SIST EN ISO 21487:2013/A2:2016	2018-12	SIST EN ISO 21487:2018
SS SPL	SIST EN ISO 25197:2013	2018-12	SIST EN ISO 25197:2018
SS SPL	SIST EN ISO 25197:2013/A1:2015	2018-12	SIST EN ISO 25197:2018
SS SPL	SIST EN ISO 6185-1:2002	2018-12	SIST EN ISO 6185-1:2018
SS SPL	SIST EN ISO 6185-2:2002	2018-12	SIST EN ISO 6185-2:2018
SS SPL	SIST EN ISO 6185-3:2014	2018-12	SIST EN ISO 6185-3:2018
SS SPL	SIST EN ISO 6185-4:2011	2018-12	SIST EN ISO 6185-4:2018
SS SPL	SIST EN ISO 7840:2014	2018-12	SIST EN ISO 7840:2018
SS SPL	SIST EN ISO 8384:2002	2018-12	SIST EN ISO 8384:2018
SS SPL	SIST EN ISO 8469:2013	2018-12	SIST EN ISO 8469:2018
SS SPL	SIST EN ISO 8666:2016	2018-12	SIST EN ISO 8666:2018
SS SPL	SIST EN ISO 8849:2004	2018-12	SIST EN ISO 8849:2018
SS SPL	SIST EN ISO 9093-1:2000	2018-12	SIST EN ISO 9093-1:2018
SS SPL	SIST EN ISO 9093-2:2003	2018-12	SIST EN ISO 9093-2:2018

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CENIK SIST

Št. 1/2007 20. 2. 2017

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

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

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

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

1. Slovenski nacionalni standardi v tujem jeziku

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

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

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

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

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

Slovenski nacionalni standardi v slovenskem jeziku

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

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

Popusti

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

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

Enkraten nakup standardov v skupni vrednosti nad 1.000 EUR	5%

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

2. Publikacije SIST

V cenah je vključen 9,5 % DDV.

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

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

NAROČILNICA ZA SLOVENSKE STANDARDE IN DRUGE PUBLIKACIJE

N – IZO 12/2018

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

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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.