Izvlečki

6 • 2017

SIST

Slovenski inštitut za standardizacijo
Slovenian Institute for Standardization

Sporočila • *Messages*

ISSN 1854-1631

6

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Prodaja strokovne literature

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

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

Objava novih slovenskih nacionalnih standardov – junij 2017

SIST/TC DPL Oskrba s plinom

SIST EN ISO 14532:2017 SIST EN ISO 14532:2005
2017-06 (po) (en,fr) 90 str. (M)
Zemeljski plin - Slovar (ISO 14532:2014)
Natural gas - Vocabulary (ISO 14532:2014)
Osnova: EN ISO 14532:2017
ICS: 75.060, 01.040.75

ISO 14532:2014 establishes the terms, definitions, symbols, and abbreviations used in the field of natural gas. The terms and definitions have been reviewed and studied in order to cover all aspects of any particular term with input from other sources such as European Standards from CEN (The European Committee for Standardization), national standards, and existing definitions in the IGU Dictionary of the Gas Industry.
The definitive intention of ISO 14532:2014 is to incorporate the reviewed definitions into the ISO/TC 193 source standards.

SIST EN ISO 20519:2017
2017-06 (po) (en;fr;de) 47 str. (I)
Ladjarska in pristaniška tehnologija - Specifikacija za oskrbovanje plovil na utekočinjeni zemeljski plin (ISO 20519:2017)
Ships and marine technology - Specification for bunkering of liquefied natural gas fuelled vessels (ISO 20519:2017)
Osnova: EN ISO 20519:2017
ICS: 75.060, 47.020.99

This International Standard sets requirements for LNG bunkering transfer systems and equipment used to bunker LNG fueled ships, which are not covered by the IGC Code. The scope of this standard includes the following five elements.
1) Hardware: Liquid and vapor transfer systems including; connections, rigid articulated piping, hoses, dry disconnect, ERS, and dry break-away emergency release systems and emergency shut systems (ESD stages 1 and 2)
2) Operational Procedures: Including; communications, minimum personnel protective equipment required, , valve closure times, maintenance/inspection of equipment, and the requirement for the LNG provider and operator of the vessel being bunkered to comply with their detailed fuel handling manual and the emergency procedures specified in 18.2.3 of the IMO IGF Code
3) Requirement for the LNG provider to document the ; fuel quality- temperature- density, and methodology used to meter net energy quantity of LNG transferred
4) Training and qualifications of personnel involved
5) Requirements for LNG facilities to meet applicable ISO standards and local codes

SIST-TP CEN/TR 16940:2017
2017-06 (po) (en) 19 str. (E)
Gospodinjske plinske napeljave - Priporočila za varnost
Domestic gas installations - Recommendations for safety
Osnova: CEN/TR 16940:2016
ICS: 13.120, 91.140.40

This Technical Report gives recommendations to ensure the quality and safety of domestic gas installations. This Technical Report covers pipe work, appliances installation, their combustion air supply and flue products exhaust commissioning, inspection and maintenance activities carried out by operatives.
This document addresses the following three main factors, which have an influence on gas safety in general:
a) quality and safety of components of gas installations and gas appliances,
b) quality of the work when gas installations are constructed and commissioned,
c) inspection and maintenance of installations and gas appliances.
Potential ways in which individual competence of operatives and/or businesses can be assured and mutually recognized between Member States are considered.
The means of assuring responsible behaviour of consumers is not covered in this document.
It does not address metering or non-domestic (industrial and commercial) installations.

SIST/TC DTN Dvigalne in transportne naprave

SIST EN 12397:2017 SIST EN 12397:2005
2017-06 (po) (en;fr;de) 18 str. (E)
Varnostne zahteve za žičniške naprave za prevoz oseb - Obratovanje
Safety requirements for cableway installations designed to carry persons - Operation
Osnova: EN 12397:2017
ICS: 45.100

This European Standard specifies the safety requirements applicable to the operation for installations for passenger transportation by rope. Its requirements are to be met by taking into account the various types installations systems and their environment. This standard applies to the operation of an installation and to the passenger transport conditions.

SIST EN 13796-2:2017 SIST EN 13796-2:2005
2017-06 (po) (en;fr;de) 8 str. (B)
Varnostne zahteve za žičniške naprave za prevoz oseb - Vozila - 2. del: Preskusi zdrsa prižemk
Safety requirements for cableway installations designed to carry persons - Carriers - Part 2: Slipping resistance tests for grips
Osnova: EN 13796-2:2017
ICS: 45.100

This European Standard specifies the safety requirements applicable to carriers for cableway installations designed to carry persons. It is applicable to the various types of installations and takes into account their environment.
This European Standard describes the requirements to be met when testing the slipping resistance of grips clamped:
- on the haulage or carrying hauling rope of carriers of monocable or bicable aerial ropeways with fixed or detachable grips, covered by 7.4 of Part 1 of this standard;
- on the towing rope of ski-tows with fixed grips, covered by 7.6.2 of Part 1 of this standard.
It does not apply to installations for the transportation of goods nor to inclined lifts.

SIST EN 13796-3:2017 SIST EN 13796-3:2005
2017-06 (po) (en;fr;de) 11 str. (C)
Varnostne zahteve za žičniške naprave za prevoz oseb - Vozila - 3. del: Preskusi utrujenosti
Safety requirements for cableway installations designed to carry persons - Carriers - Part 3: Fatigue testing
Osnova: EN 13796-3:2017
ICS: 45.100

This European Standard specifies the safety requirements applicable to carriers for cableway installations for passenger transportation. This standard is applicable to the various types of installations and takes into account their environment. This European Standard sets out the requirements to be met for fatigue tests for carriers of unidirectional monocable aerial ropeways of capacity not greater than 16 persons according to 6.3.3.1 of Part 1 of this standard.. This standard does not apply to installations for the transportation of goods nor to inclined lifts

SIST/TC EAL Električni alarmi

SIST EN 50131-5-3:2017 SIST EN 50131-5-3:2005
SIST EN 50131-5-3:2005/A1:2009

2017-06 (po) (en;fr) 20 str. (E)

Alarmni sistemi - Sistemi za javljanje vloma in ropa - 5-3. del: Zahteve za povezovalno opremo, ki uporablja radiofrekvenčno tehniko

Alarm systems - Intrusion and hold-up systems - Part 5-3: Requirements for interconnections equipment using radio frequency techniques

Osnova: EN 50131-5-3:2017
ICS: 13.320, 13.310

This European Standard applies to intrusion alarm equipment using radio frequency (RF) links and located on protected premises. It does not cover long-range radio transmissions.
This European Standard defines the terms used in the field of intrusion alarm equipment using radio frequency links as well as the requirements relevant to the equipment.

SIST EN 60839-11-31:2017

2017-06 (po) (en) 201 str. (S)

Alarmni in elektronski varnostni sistemi - 11-31. del: Elektronski sistemi nadzora dostopa - Osnovni protokol interoperabilnosti na osnovi spletnih storitev

Alarm and electronic security systems - Part 11-31: Electronic access control systems - Core interoperability protocol based on Web services

Osnova: EN 60839-11-31:2017
ICS: 13.320

This part of IEC 60839 defines procedures for communication between network clients and devices. This series of interoperability standards makes it possible to build an alarm and electronic security system with clients and devices from different manufacturers using common and well defined interfaces. The functions defined in this document covers discovery, device management and event framework. Supplementary dedicated services are defined in separate documents.
The management and control interfaces defined in this document are described as Web services. This document also contains full XML schema and Web Service Description Language (WSDL) definitions.
In order to offer full plug-and-play interoperability, this document defines procedures for device discovery. The device discovery mechanisms in this document are based on the WSDiscovery specification with extensions.
This document does not in any way limit a manufacturer to add other protocol or extend the protocol defined here and rules on how to accomplish this are also provided in this document.

SIST EN 60839-11-32:2017

2017-06 (po) (en) 76 str. (L)

Alarmni in elektronski varnostni sistemi - 11-32. del: Elektronski sistemi nadzora dostopa - IP interoperabilnost na osnovi spletnih storitev - Specifikacija nadzora dostopa

Alarm and electronic security systems - Part 11-32: Electronic access control systems - IP interoperability implementation based on Web services - Access control specification

Osnova: EN 60839-11-32:2017
ICS: 13.320

This part of IEC 60839 defines the Web services interface for electronic access control systems. This includes listing electronic access control system components, their logical composition, monitoring their states and controlling them. It also includes a mapping of mandatory and optional requirements as per IEC 60839-11-1.
This document applies to physical security only. Physical security prevents unauthorized personnel, attackers or accidental intruders from physically accessing a building, room, etc.
Web services usage and device management functionality are outside of the scope of this document. Refer to IEC 60839-11-31 for more information.
This document does not in any way limit a manufacturer to add other protocols or extend the protocol defined here. For rules on how to accomplish this refer to IEC 608391131.

SIST/TC ELI Nizkonapetostne in komunikacijske električne inštalacije

SIST EN 63044-1:2017 SIST EN 50491-1:2014
2017-06 (po) (en) 13 str. (D)
Stanovanjski in stavbni elektronski sistemi (HBES) ter sistemi za avtomatizacijo in krmiljenje stavb (BACS) - 1. del: Splošne zahteve
Home and Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS) - Part 1: General requirements
Osnova: EN 63044-1:2017
ICS: 97.120, 35.240.67

This part of IEC 60839 defines the Web services interface for electronic access control systems. This includes listing electronic access control system components, their logical composition, monitoring their states and controlling them. It also includes a mapping of mandatory and optional requirements as per IEC 60839-11-1.
This document applies to physical security only. Physical security prevents unauthorized personnel, attackers or accidental intruders from physically accessing a building, room, etc.
Web services usage and device management functionality are outside of the scope of this document. Refer to IEC 60839-11-31 for more information.
This document does not in any way limit a manufacturer to add other protocols or extend the protocol defined here. For rules on how to accomplish this refer to IEC 608391131.

SIST HD 60364-6:2016/A11:2017
2017-06 (po) (en,de) 6 str. (B)
Nizkonapetostne električne inštalacije - 6. del: Preverjanje - Dopolnilo A11
Low-voltage electrical installations - Part 6: Verification
Osnova: HD 60364-6:2016/A11:2017
ICS: 91.140.50

Dopolnilo A11 je dodatek k standardu SIST HD 60364-6:2016.
Ta del standarda IEC 60364 podaja zahteve za prvo in periodično pregledovanje električne inštalacije.
Točka 6.4 podaja zahteve za prvo preverjanje s pregledom in preskusom električne inštalacije, da bi se na najustreznejši način ugotovilo, ali so zahteve drugih delov standarda IEC 60364 upoštevane in ali se lahko izdela ustrezno poročilo. Prvo preverjanje se izvede ob dokončanju nove inštalacije oziroma dograditvi ali spremembi obstoječe inštalacije. Točka 6.5 obravnava zahteve za periodično preverjanje električne inštalacije, da bi se na najustreznejši način ugotovilo, ali so inštalacija in njene naprave v zadovoljivem stanju za uporabo in ali se lahko izdela ustrezno poročilo.

SIST HD 60364-7-718:2013/A11:2017
2017-06 (po) (en) 3 str. (A)
Nizkonapetostne električne inštalacije - 7-718. del: Zahteve za posebne inštalacije ali lokacije - Komunalne naprave in delovna mesta - Dopolnilo A11
Low-voltage electrical installations - Part 7-718: Requirements for special installations or locations - Communal facilities and workplaces
Osnova: HD 60364-7-718:2013/A11:2017
ICS: 91.140.50

Dopolnilo A11 je dodatek k standardu SIST HD 60364-7-718:2013.
Ta del standarda IEC 60364 določa dodatne zahteve za električne inštalacije, ki veljajo za javne objekte in delovna mesta. Spodaj so navedeni značilni primeri javnih objektov in delovnih mest: – sejne dvorane, sejne sobe; – razstavne dvorane; – gledališča, kinodvorane; – športni objekti; – prodajni objekti; – restavracije; – hoteli, apartmajske hiše, domovi z oskrbo in nego za starejše; – šole; – zaprta parkirišča; – zbirališča, kopališča, letališča, železniške postaje, stolpnice; – delavnice, proizvodni obrati in tovarne. Dostopne poti in izhodi v sili so del zgoraj omenjenih primerov. Nujnost zagotavljanja varnostnih storitev v posebnih stavbah in območjih lahko urejajo nacionalni predpisi, ki lahko vsebujejo strožje zahteve.

SIST-TP CLC/TR 50600-99-1:2017 SIST-TP CLC/TR 50600-99-1:2016
2017-06 (po) (en) 53 str. (J)
Informacijska tehnologija - Naprave in infrastruktura podatkovnih centrov - 99-1. del: Priporočene prakse za upravljanje z energijo
Information technology - Data centre facilities and infrastructures - Part 99-1: Recommended practices for energy management
Osnova: CLC/TR 50600-99-1:2017
ICS: 27.015, 35.110

This Technical Report is a compilation of recommended Practices for improving the energy management (i.e. reduction of energy consumption and/or increases in energy efficiency) of data centres. It is aligned with the EU Code of Conduct for Data Centre Energy Efficiency (CoC) scheme operated by the Directorate-General Joint Research Centre (DG JRC) of the European Commission (EC).
It is recognized that the Practices included might not be universally applicable to all scales and business models of data centres or be undertaken by all parties involved in data centre operation, ownership or use.

SIST/TC GIG Geografske informacije

SIST EN ISO 19110:2017 SIST EN ISO 19110:2006
SIST EN ISO 19110:2006/A1:2011
2017-06 (po) (en;fr;de) 78 str. (L)
Geografske informacije - Metodologija za objektne kataloge (ISO 19110:2016)
Geographic information - Methodology for feature cataloguing (ISO 19110:2016)
Osnova: EN ISO 19110:2016
ICS: 07.040, 35.240.70

This document defines the methodology for cataloguing feature types. This document specifies how feature types can be organized into a feature catalogue and presented to the users of a set of geographic data. This document is applicable to creating catalogues of feature types in previously uncatalogued domains and to revising existing feature catalogues to comply with standard practice. This document applies to the cataloguing of feature types that are represented in digital form. Its principles can be extended to the cataloguing of other forms of geographic data. Feature catalogues are independent of feature concept dictionaries defined in ISO 19126 and can be specified without having to use or create a Feature Concept Dictionary.

This document is applicable to the definition of geographic features at the type level. This document is not applicable to the representation of individual instances of each type. This document excludes portrayal schemas as specified in ISO 19117.
This document may be used as a basis for defining the universe of discourse being modelled in a articular application, or to standardize general aspects of real world features being modelled in more than one application.

SIST ISO 19162:2017
2017-06 (po) (en;fr;de) 93 str. (M)
Geografske informacije - Koordinatni referenčni sistemi, podani kot tekst
Geographic information – Well-known text representation of coordinate reference systems
Osnova: ISO 19162:2015
ICS: 07.040, 35.240.70

This International Standard defines the structure and content of a text string implementation of the abstract model for coordinate reference systems described in ISO 19111:2007 and ISO 19111-2:2009. The string defines frequently needed types of coordinate reference systems and coordinate operations in a selfcontained form that is easily readable by machines and by humans. The essence is its simplicity; as a consequence there are some constraints upon the more open content allowed in ISO 19111:2007. To retain simplicity in the well-known text (WKT) description of coordinate reference systems and coordinate operations, the scope of this International Standard excludes parameter grouping and pass-through coordinate operations.
The text string provides a means for humans and machines to correctly and unambiguously interpret and utilise a coordinate reference system definition with look-ups or cross references only to define coordinate operation mathematics. Because it omits metadata about the source of the data and may omit metadata about the applicability of the information, the WKT string is not suitable for the storage of definitions of coordinate reference systems or coordinate operations.

SIST-TS ISO/TS 19115-3:2017
2017-06 (po) (en;fr;de) 70 str. (K)
Geografske informacije - Metapodatki - 3. del: Izvajanje sheme XML za temeljne koncepte
Geographic information – Metadata – Part 3: XML schema implementation for fundamental concepts
Osnova: ISO/TS 19115-3:2016
ICS: 07.040, 35.240.70

This document defines an integrated XML implementation of ISO 19115-1, ISO 19115-2, and concepts from ISO/TS 19139 by defining the following artefacts:
a) a set of XML schema required to validate metadata instance documents conforming to conceptual model elements defined in ISO 19115-1, ISO 19115-2, and ISO/TS 19139;
b) a set of ISO/IEC 19757-3 (Schematron) rules that implement validation constraints in the ISO 19115-1 and ISO 19115-2 UML models that are not validated by the XML schema;
c) an Extensible Stylesheet Language Transformation (XSLT) for transforming ISO 19115-1 metadata encoded using the ISO/TS 19139 XML schema and ISO 19115-2 metadata encoded using the ISO/TS 19139-2 XML schema into an equivalent document that is valid against the XML schema defined in this document.
This document describes the procedure used to generate XML schema from ISO geographic information conceptual models related to metadata. The procedure includes creation of an UML model for XML implementation derived from the conceptual UML model.
This implementation model does not alter the semantics of the target conceptual model, but adds abstract classes that remove dependencies between model packages, tagged values and stereotypes required by the UML to XML transformation software, and refactors the packaging of a few elements into XML namespaces. The XML schema has been generated systematically from the UML model for XML implementation according to the rules defined in ISO/TS 19139 or ISO 19118.

SIST-TS ISO/TS 19157-2:2017
2017-06 (po) (en;fr;de) 25 str. (F)
Geografske informacije - Kakovost podatkov - 2. del: Izvajanje sheme XML
Geographic information – Data quality – Part 2: XML schema implementation
Osnova: ISO/TS 19157-2:2016
ICS: 07.040, 35.240.70

This document defines data quality encoding in XML. It is an XML schema implementation derived from ISO 19157:2013 and the data quality related concepts from ISO 19115-2.

SIST-TS ISO/TS 19159-2:2017
2017-06 (po) (en;fr;de) 37 str. (H)
Geografske informacije - Kalibracija in validacija oddaljenih posnetkov senzorjev zaznavanja in podatkov - 2. del: Lidar
Geographic information – Calibration and validation of remote sensing imagery sensors and data – Part 2: Lidar
Osnova: ISO/TS 19159-2:2016
ICS: 07.040, 35.240.70

This part of ISO/TS 19159 defines the data capture method, the relationships between the coordinate reference systems and their parameters, as well as the calibration of airborne lidar (light detection and ranging) sensors.
This part of ISO/TS 19159 also standardizes the service metadata for the data capture method, the relationships between the coordinate reference systems and their parameters and the calibration procedures of airborne lidar systems as well as the associated data types and code lists that have not been defined in other ISO geographic information international standards.

SIST-TS ISO/TS 19163-1:2017
2017-06 (po) (en;fr;de) 43 str. (I)
Geografske informacije - Komponente vsebin in pravila kodiranja za podobe in mrežne podatke - 1. del: Vzorec vsebine
Geographic information – Content components and encoding rules for imagery and gridded data – Part 1: Content model
Osnova: ISO/TS 19163-1:2016
ICS: 07.040, 35.240.70

This Technical Specification classifies imagery and regularly spaced gridded thematic data into types based on attribute property, sensor type and spatial property, and defines an encoding-neutral content model for the required components for each type of data. It also specifies logical data structures and the rules for encoding the content components in the structures.
The binding between the content and a specific encoding format will be defined in the subsequent parts of ISO 19163.
This Technical Specification does not address LiDAR, SONAR data and ungeoreferenced gridded data.
The logical data structures and the rules for encoding the content components will be addressed in the subsequent parts of ISO 19163.

SIST/TC IEHT Elektrotehnika - Hidravlične turbine

SIST EN 61400-25-6:2017 SIST EN 61400-25-6:2011
2017-06 (po) (en) 53 str. (J)
Sistemi generatorjev vetrne turbine - 25-6. del: Komunikacije za spremljanje in nadzor vetrnih elektrarn - Razredi logičnih vozlišč in razredi podatkov za nadzor pogojev (IEC 61400-25-6:2016)
Wind turbines - Part 25-6: Communications for monitoring and control of wind power plants - Logical node classes and data classes for condition monitoring (IEC 61400-25-6:2016)
Osnova: EN 61400-25-6:2017
ICS: 35.240.50, 27.180

This part of IEC 61400-25 specifies the information models related to condition monitoring for wind power plants and the information exchange of data values related to these models.
NOTE Conformance to IEC 61400-25-6 presupposes in principle conformance to IEC 61400-25-2, IEC 61400-25-3 and IEC 61400-25-4.
Figure 2 illustrates the information flow of a system using condition monitoring to perform condition based maintenance. The figure illustrates how data values are refined and concentrated through the information flow, ending up with the ultimate goal of condition based maintenance; actions to be performed via issuing work orders to maintenance teams in order to prevent the wind power plant device to stop providing its intended service.

SIST/TC IESV Električne svetilke

SIST EN 60061-1:1999/A55:2017
2017-06 (po) (en,fr) 17 str. (E)
Vznožki in okovi sijalk skupaj s kalibri za nadzorovanje izmenljivosti in varnosti - 1. del: Vznožki sijalk - Dopolnilo A55 (IEC 60061-1:1969/A55:2016)
Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 1: Lamp caps (IEC 60061-1:1969/A55:2016)
Osnova: EN 60061-1:1993/A55:2017
ICS: 29.140.10

Dopolnilo A55 je dodatek k standardu SIST EN 60061-1:1999.
Vsebuje priporočila IEC v zvezi z vznožki in okovi žarnic in sijalk , ki so danes v splošni rabi, skupaj z ustreznimi kalibri, s ciljem zagotoviti mednarodno medsebojno zamenljivost. Ponazorjeni kalibri, čeprav načeloma splošno sprejeti, niso nujno edina oblika, v kateri so lahko narejeni. Ponazorjeni kalibri, čeprav načeloma splošno sprejeti, niso nujno edina oblika, v kateri so lahko narejeni.

SIST EN 60838-1:2017 SIST EN 60838-1:2005
SIST EN 60838-1:2005/A1:2008
SIST EN 60838-1:2005/A2:2011
2017-06 (po) (en) 41 str. (I)
Razni okovi za žarnice in sijalke - 1. del: Splošne zahteve in preskusi (IEC 60838-1:2016)
Miscellaneous lampholders - Part 1: General requirements and tests (IEC 60838-1:2016)
Osnova: EN 60838-1:2017
ICS: 29.140.10

This part of IEC 60838 applies to lampholders of miscellaneous types intended for building-in (to be used with general purpose light sources, projection lamps, floodlighting lamps and street-lighting lamps with caps as listed in Annex A) and the methods of test to be used in determining the safe use of lamps in lampholders.
This part of IEC 60838 also covers lampholders which are integral with a luminaire. It covers the requirements for the lampholder only.

This part of IEC 60838 also covers lampholders integrated in an outer shell and dome similar to Edison screw lampholders. Such lampholders are further tested in accordance with the relevant clauses of IEC 60238.
Requirements for lampholders for tubular fluorescent lamps, Edison screw lampholders and bayonet lampholders are covered by separate standards.

SIST EN 60838-2-3:2017
2017-06 (po) (en) 23 str. (F)
Različni okovi žarnic in sijalk - 2-3. del: Posebne zahteve - Okovi za linearne module LED z dvema vznožkoma (IEC 60838-2-3:2016)
Miscellaneous lampholders - Part 2-3: Particular requirements - Lampholders for double-capped linear LED-lamps (IEC 60838-2-3:2016)
Osnova: EN 60838-2-3:2017
ICS: 29.140.10

This part of IEC 60838-2 applies to lampholders for double-capped linear LED lamps intended for building-in (to be used for general lighting service and with caps as listed in Annex A).
Lampholders within the scope of this standard do not include heat management. Double-capped linear LED lamps can also be used with lampholders originally been designated for other technologies. The requirementsfor these lampholders are covered by separate standards.

SIST EN 61347-2-13:2014/A1:2017
2017-06 (po) (en) 5 str. (B)
Krmilne stikalne naprave za sijalke - 2-13. del: Posebne zahteve za enosmerno ali izmenično napajane elektronske krmilne stikalne naprave za module LED - Dopolnilo A1 (IEC 61347-2-13:2014/A1:2016)
Lamp controlgear - Part 2-13: Particular requirements for d.c. or a.c. supplied electronic controlgear for LED modules (IEC 61347-2-13:2014/A1:2016)
Osnova: EN 61347-2-13:2014/A1:2017
ICS: 29.130.01, 29.140.99

Dopolnilo A1 je dodatek k standardu SIST EN 61347-2-13:2014.
Ta del standarda IEC 61347 določa posebne varnostne zahteve za elektronske krmilne stikalne naprave za uporabo pri enosmernem ali izmeničnem napajanju do 1000 V (izmenično pri 50 Hz ali 60 Hz) in pri izhodni frekvenci, ki lahko odstopa od napajalne frekvence, povezane z moduli LED. Krmilne stikalne naprave za module LED iz tega standarda so namenjene zagotavljanju konstantne napetosti ali toka pri SELV ali višjih napetostih. Odstopanja od tipov čiste napetosti in toka ne izključujejo naprav iz tega standarda.
Dodatki k standardu IEC 61347-1, ki se uporabljajo v skladu z 2. do 13. delom in uporabljajo besedo »sijalka«, naj bi prav tako zajemali module LED.
Posebne zahteve za krmilne stikalne naprave SELV so podane v dodatku I.
Zahteve glede zmogljivosti so obravnavane v standardu IEC 62384.
Vtične krmilne stikalne naprave, ki so del svetilke, so kot vgrajene krmilne stikalne naprave zajete v dodatnih zahtevah standarda za svetilke.

SIST EN 61347-2-3:2011/A1:2017
2017-06 (po) (en) 6 str. (B)
Krmilne stikalne naprave za sijalke - 2-3. del: Posebne zahteve za izmenično napajane elektronske predstikalne naprave za fluorescenčne sijalke - Dopolnilo A1 (IEC 61347-2-3:2011/A1:2016)
Lamp control gear - Part 2-3: Particular requirements for a.c. and/or d.c. supplied electronic control gear for fluorescent lamps (IEC 61347-2-3:2011/A1:2016)
Osnova: EN 61347-2-3:2011/A1:2017
ICS: 29.130.01, 29.140.99

Dopolnilo A1 je dodatek k standardu SIST EN 61347-2-3:2011.
Ta del IEC 61347 določa posebne varnostne zahteve za elektronske predstikalne naprave z izmeničnim in enosmernim napajanjem, manjšim od 1000 V, in pri 50 Hz ali 60 Hz s frekvencami delovanja, ki odstopajo od napajalne frekvence, povezanimi s fluorescenčnimi sijalkami, kot je določeno v IEC 60081 in IEC 60901, in z drugimi fluorescenčnimi sijalkami za visokofrekvenčno delovanje. Zahteve za zmogljivost so predmet IEC 60929. Določene zahteve za elektronske predstikalne naprave s sredstvi zaščite pred pregrevanjem so podane v dodatku C. V dodatku J so podane nekatere zahteve za elektronske predstikalne naprave, ki pri zasilni razsvetljavi delujejo iz osrednjega napajanja. Zahteve za zmogljivost, primerne za varno delovanje zasilne razsvetljave, so prav tako zajete v dodatku J. Zahteve za elektronske predstikalne naprave, ki pri zasilni razsvetljavi delujejo iz neosrednjega napajanja, so podane v IEC 61347-2-7.

SIST EN 62532:2011/A1:2017
2017-06 (po) (en) 5 str. (B)
Fluorescenčne indukcijske sijalke - Varnostne specifikacije - Dopolnilo A1 (IEC 62532:2011/A1:2016)
Fluorescent induction lamps - Safety specifications (IEC 62532:2011/A1:2016)
Osnova: **EN 62532:2011/A1:2017**
ICS: **29.140.30**

Dopolnilo A1 je dodatek k standardu SIST EN 62532:2011.
Ta mednarodni standard opredeljuje varnostne zahteve za fluorescenčne indukcijske sijalke za splošno razsvetljavo. Prav tako določa metodo, ki jo mora uporabiti proizvajalec, da izkaže skladnost z zahtevami tega standarda na podlagi presoje celotne proizvodnje, v povezavi s svojimi zapisi o preskusih končnih izdelkov. Ta metoda se lahko uporablja tudi za certifikacije. Podrobnosti o šaržnem preskusnem postopku, ki se lahko uporablja za omejeno oceno serij, so prav tako podane v tem standardu. Shematske risbe sistemov so prikazane v dodatku A.

SIST/TC IFEK Železne kovine

SIST EN 10222-1:2017 SIST EN 10222-1:1998
SIST EN 10222-1:1998/A1:2003
2017-06 (po) (en;fr;de) 24 str. (F)
Jekleni izkovki za tlačne posode - 1. del: Splošne zahteve za prosto kovane izkovke
Steel forgings for pressure purposes - Part 1: General requirements
Osnova: **EN 10222-1:2017**
ICS: **77.140.30, 77.140.85**

This Part of this European Standard specifies the general technical delivery conditions for open die steel forgings, ring rolled products and forged bars for pressure purposes. General information on technical delivery conditions is given in EN 10021.

SIST EN 10222-2:2017 SIST EN 10222-2:2000
SIST EN 10222-2:2000/AC:2004
2017-06 (po) (en;fr;de) 27 str. (G)
Jekleni izkovki za tlačne posode - 2. del: Feritna in martenzitna jekla s specificiranimi lastnostmi pri povišanih temperaturah
Steel forgings for pressure purposes - Part 2: Ferritic and martensitic steels with specified elevated temperatures properties
Osnova: **EN 10222-2:2017**
ICS: **77.140.85, 77.140.30**

This Part of this European Standard specifies the technical delivery conditions for forgings and for pressure purposes, made of ferritic and martensitic steels with specified elevated temperature

properties. Chemical composition and mechanical properties are specified. General information on technical delivery conditions is given in EN 10021.

SIST EN 10222-3:2017 SIST EN 10222-3:2000
2017-06 (po) (en;fr;de) 15 str. (D)
Jekleni izkovki za tlačne posode - 3. del: Nikljeva jekla s specificiranimi lastnostmi pri nizkih temperaturah
Steel forgings for pressure purposes - Part 3: Nickel steels with specified low temperature properties
Osnova: EN 10222-3:2017
ICS: 77.140.85, 77.140.30

This Part of this European Standard specifies the technical delivery conditions of forgings for pressure purposes, made of nickel steels, for use at low temperatures. General information on technical delivery conditions is given in EN 10021.

SIST EN 10222-4:2017 SIST EN 10222-4:2000
SIST EN 10222-4:2000/A1:2002
2017-06 (po) (en;fr;de) 15 str. (D)
Jekleni izkovki za tlačne posode - 4. del: Variva drobnozrnata jekla z veliko dogovorno napetostjo tečenja
Steel forgings for pressure purposes - Part 4: Weldable fine grain steels with high proof strength
Osnova: EN 10222-4:2017
ICS: 77.140.85, 77.140.30

This Part of this European Standard specifies the technical delivery conditions of the types of forgings for pressure purposes made of weldable fine grain steels with high proof strength. General information on technical delivery conditions is given in EN 10021.

SIST EN 10222-5:2017 SIST EN 10222-5:2000
SIST EN 10222-5:2000/AC:2004
2017-06 (po) (en;fr;de) 29 str. (G)
Jekleni izkovki za tlačne posode - 5. del: Martenzitna, avstenitna in avstenitno-feritna nerjavna jekla
Steel forgings for pressure purposes - Part 5: Martensitic, austenitic and ferritic-austenitic stainless steels
Osnova: EN 10222-5:2017
ICS: 77.140.85, 77.140.30

This Part specifies the technical delivery conditions for forgings for pressure purposes made of stainless steels, including creep resisting steels. Chemical composition and mechanical properties are specified. General information on technical delivery conditions is given in EN 10021.

SIST/TC IHPV Hidravlika in pnevmatika

SIST EN ISO 15848-1:2015/A1:2017
2017-06 (po) (en) 8 str. (B)
Industrijski ventili - Meritve, preskusi in postopki kvalificiranja pobeglih emisij - 1. del: Klasifikacijski sistem in kvalifikacijski postopki za preskušanje tipa ventilov - Dopolnilo A1 (ISO 15848-1:2015/Amd 1:2017)
Industrial valves - Measurement, test and qualification procedures for fugitive emissions - Part 1: Classification system and qualification procedures for type testing of valves - Amendment 1 (ISO 15848-1:2015/Amd 1:2017)
Osnova: EN ISO 15848-1:2015/A1:2017
ICS: 23.060.01

Dopolnilo A1 je dodatek k standardu SIST EN ISO 15848-1:2015.
Ta del standarda ISO 15848 določa preskusne postopke za oceno zunanjega tesnjenja tesnilk ventilnih stebel (ali gredi) ter spojev izolirnih ventilov in krmilnih ventilov, namenjenih uporabi pri hlapnih onesnaževalih v zraku in nevarnih tekočinah. Končni priključni spoji, vakuumska uporaba, učinki korozije in sevanje so izključeni iz tega dela standarda ISO 15848.
Ta del standarda ISO 15848 obravnava klasifikacijske sisteme in kvalifikacijske postopke za preskušanje tipa ventilov.

SIST EN ISO 6553:2017 SIST EN 26553:2000
2017-06 (po) (en;de) 11 str. (C)
Avtomatični izločevalniki kondenzata - Označevanje (ISO 6553:2016)
Automatic steam traps - Marking (ISO 6553:2016)
Osnova: EN ISO 6553:2017
ICS: 23.060.01

The purpose is to establish certain basic requirements for the marking of steam traps, and to give recommendations for additional information markings. Has, in general, to be considered in conjunction with the specific requirements which may be agreed between the partners concerned. Specifies mandatory and optional markings for steam traps.

SIST/TC IIZS Izolacijski materiali in sistemi

SIST EN 60674-3-8:2011/A1:2017
2017-06 (po) (en) 4 str. (A)
Plastične folije za električne namene - 3. del: Specifikacije za posamezne materiale - 8. list: Simetrično dvoosno orientirane polietilen naftalatne (PEN) folije za električno izolacijo - Dopolnilo A1 (IEC 60674-3-8:2011/A1:2016)
Plastic films for electrical purposes - Part 3: Specifications for individual materials - Sheet 8: Balanced biaxially oriented polyethylene naphthalate (PEN) films used for electrical insulation (IEC 60674-3-8:2011/A1:2016)
Osnova: EN 60674-3-8:2011/A1:2017
ICS: 29.035.20

Dopolnilo A1 je dodatek k standardu SIST EN 60674-3-8:2011.
Ta mednarodni standard navaja zahteve za simetrično dvoosno orientirane folije polietilen naftalatne (PEN) za električno izolacijo. Materiali, skladni s to specifikacijo, ustrezajo vzpostavljenim ravnem delovanja. Vendar mora uporabnik material za določeno uporabo izbrati na podlagi dejanskih zahtev za ustrezno delovanje pri taki uporabi, ne le na podlagi same specifikacije. Varnostno opozorilo: Uporabnik je odgovoren, da se metode, ki so opisane v tem dokumentu ali na katere se dokument sklicuje, uporabljajo varno.

SIST EN 61857-31:2017
2017-06 (po) (en) 13 str. (D)
Električni izolacijski sistemi - Postopki za ocenjevanje toplotnih lastnosti - 31. del: Vrste uporabe s predvideno življenjsko dobo, krajšo od 5000 ur (IEC 61857-31:2017)
Electrical insulation systems-procedures for thermal evaluation - Part 31: Applications with a designed life less than 5000 hours (IEC 61857-31:2017)
Osnova: EN 61857-31:2017
ICS: 29.080.30

This part of IEC 61857 establishes an EIS evaluation for applications with a designed life of 5 000 h or less. This test method follows the procedures of IEC 60505 and is modified based on the range of designed life.

SIST/TC IMKF Magnetne komponente in feritni materiali

SIST EN 60205:2017 SIST EN 60205:2006
SIST EN 60205:2006/A1:2009

2017-06 (po) (en) 39 str. (H)

Izračun efektivnih parametrov magnetnih sestavnih delov
Calculation of the effective parameters of magnetic piece parts
Osnova: EN 60205:2017
ICS: 29.100.10

This International Standard lays down uniform rules for the calculation of the effective parameters of closed circuits of ferromagnetic material.

SIST/TC IPKZ Protikorozijska zaščita kovin

SIST EN ISO 14916:2017 SIST EN 582:1999

2017-06 (po) (en) 34 str. (H)

Vroče brizganje - Ugotavljanje adhezijske natezne trdnosti (ISO 14916:2017)
Thermal spraying - Determination of tensile adhesive strength (ISO 14916:2017)
Osnova: EN ISO 14916:2017
ICS: 25.220.20

The tensile adhesive strength is the strength obtained in the tension test. The test is used to evaluate the effects of parent metal and spray deposit material, preparation of the surface of the workpiece, and the spraying conditions on the bond and adhesive strength of thermally sprayed coatings, and doe eoutine supervision of the spray works during fabrication. The document contains specimens of various diameters and of different shapes.

SIST EN ISO 14917:2017 SIST EN 657:2005

2017-06 (po) (en) 34 str. (H)

Vroče brizganje - Terminologija, razvrstitev (ISO 14917:2017)
Thermal spraying - Terminology, classification (ISO 14917:2017)
Osnova: EN ISO 14917:2017
ICS: 25.220.20, 01.040.25

This standard defines processes and general terms for thermal spraying. It also classifies the thermal spraying processes according to type of spray material, to type of operation, to type of energy carrier.

SIST EN ISO 19496-1:2017 SIST EN 15826:2010

2017-06 (po) (en) 34 str. (H)

Steklasti in keramični emajli - Terminologija - 1. del: Izrazi in definicije (ISO 19496-1:2017)
Vitreous and porcelain enamels - Terminology - Part 1: Terms and definitions (ISO 19496-1:2017)
Osnova: EN ISO 19496-1:2017
ICS: 25.220.50, 01.040.25

This European Standard defines a number of terms relating to vitreous and porcelain enamels and their technology. This list is not complete and only comprises those terms for which the definition is considered necessary for correct and adequate understanding in order to clarify these processes.
It should be understood that the interpretations given are those corresponding to the practical usage in this field and that they do not necessarily coincide with those used in other fields.

For purposes of clarification, the term Vitreous Enamel, used throughout this European Standard, is synonymous with Porcelain Enamel, the term favoured in the United States and some other countries.

SIST EN ISO 19496-2:2017
2017-06 (po) (en) 26 str. (F)
Steklasti in keramični emajli - Terminologija - 2. del: Vidni prikaz in opis (ISO 19496-2:2017)
Vitreous and porcelain enamels - Terminology - Part 2: Visual representations and descriptions (ISO 19496-2:2017)
Osnova: EN ISO 19496-2:2017
ICS: 25.220.50, 01.040.25

This standard establishes a system for the cataloguing of defects in sheet steel enamelling. It serves for a consistent language use concerning the designation andcharacterization of enamelling defects. This standard is limited to detectable defects and does not purport to fully take into consideration all occurring types of defects. It does not evaluate enamelling defects; the classification carried out serves for the conveyance or practical knowledge.

SIST EN ISO 9227:2017 SIST EN ISO 9227:2012
2017-06 (po) (en) 27 str. (G)
Korozijski preskusi v umetnih atmosferah - Korozijski preskusi v slani komori (ISO 9227:2017)
Corrosion tests in artificial atmospheres - Salt spray tests (ISO 9227:2017)
Osnova: EN ISO 9227:2017
ICS: 77.060

This document specifies the apparatus, the reagents and the procedure to be used in conducting the neutral salt spray (NSS), acetic acid salt spray (AASS) and copper-accelerated acetic acid salt spray (CASS) tests for assessment of the corrosion resistance of metallic materials, with or without permanent or temporary corrosion protection.
It also describes the method employed to evaluate the corrosivity of the test cabinet environment. It does not specify the dimensions or types of test specimens, the exposure period to be used for a particular product, or the interpretation of results. Such details are provided in the appropriate product specifications.
The salt spray tests are particularly useful for detecting discontinuities, such as pores and other defects, in certain metallic, organic, anodic oxide and conversion coatings.
The neutral salt spray (NSS) test particularly applies to
— metals and their alloys,
— metallic coatings (anodic and cathodic),
— conversion coatings,
— anodic oxide coatings, and
— organic coatings on metallic materials.
The acetic acid salt spray (AASS) test is especially useful for testing decorative coatings of copper + nickel + chromium, or nickel + chromium. It has also been found suitable for testing anodic and organic coatings on aluminium.
The copper-accelerated acetic acid salt spray (CASS) test is useful for testing decorative coatings of copper + nickel + chromium, or nickel + chromium. It has also been found suitable for testing anodic and organic coatings on aluminium.
The salt spray methods are all suitable for checking that the quality of a metallic material, with or without corrosion protection, is maintained. They are not intended to be used for comparative testing as a means of ranking different materials relative to each other with respect to corrosion resistance or as means of predicting long-term corrosion resistance of the tested material.

SIST/TC IPMA Polimerni materiali in izdelki

SIST EN ISO 20028-1:2017 SIST EN ISO 7792-1:2014
2017-06 (po) (en;fr) 21 str. (F)
Polimerni materiali - Materiali za oblikovanje in ekstrudiranje iz plastomernih poliestrov - 1. del: Sistem označevanja in podlage za specifikacije (ISO 20028-1:2017)
Plastics - Thermoplastic polyester (TP) moulding and extrusion materials - Part 1: Designation system and basis for specification (ISO 20028-1:2017)
Osnova: EN ISO 20028-1:2017
ICS: 83.080.20

This document establishes a system of designation for thermoplastic polyester (TP) material, which can be used as the basis for specifications. It covers polyester homopolymers for moulding and extrusion based on poly(ethylene terephthalate) (PET), poly(butylene terephthalate) (PBT), poly(cyclohexylenedimethylene terephthalate) (PCT), poly(ethylene naphthalate) (PEN), poly(butylene naphthalates) (PBN) and other TP-types and copolyesters of various compositions for moulding and extrusion.
The types of thermoplastic polyester are differentiated from each other by a classification system based on appropriate levels of the designatory properties:
a) viscosity number;
b) tensile modulus of elasticity;
and on information about the intended application and/or method of processing, important properties, additives, colorants, fillers and reinforcing materials.
This designation system is applicable to thermoplastic polyester homopolymers and copolymers. It applies to materials ready for normal use in the form of powder, granules or pellets, unmodified or modified by colorants, fillers and other additives. This document does not apply to the saturated polyester/ester and polyether/ester thermoplastic elastomers covered by ISO 20029.
It is not intended to imply that materials having the same designation give necessarily the same performance. This document does not provide engineering data, performance data or data on processing conditions which can be required to specify a material. If such additional properties are required, they are intended to be determined in accordance with the test methods specified in ISO 20028-2, if suitable.
In order to designate a thermoplastic polyester material to meet particular specifications, the requirements are to be given in data block 5 (see 3.1).

SIST EN ISO 20028-2:2017 SIST EN ISO 7792-2:2014
2017-06 (po) (en;fr) 14 str. (D)
Polimerni materiali - Materiali za oblikovanje in ekstrudiranje iz plastomernih poliestrov - 2. del: Priprava preskušancev in ugotavljanje lastnosti (ISO 20028-2:2017)
Plastics - Thermoplastic polyester (TP) moulding and extrusion materials - Part 2: Preparation of test specimens and determination of properties (ISO 20028-2:2017)
Osnova: EN ISO 20028-2:2017
ICS: 83.080.20

This document specifies the methods of preparation of test specimens and the standard test methods to be used in determining the properties of thermoplastic polyester moulding and extrusion materials. Requirements for handling test material and for 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 or measuring properties of the materials from which these specimens are made are given. Properties and test methods which are suitable and necessary to characterize thermoplastic polyester moulding and extrusion materials are listed.
The properties have been selected from the general test methods in ISO 10350-1. Other test methods in wide use for or of particular significance to these moulding and extrusion materials are also included in this document, as are the designatory properties specified in ISO 20028-1 (viscosity number and tensile modulus of elasticity).

In order to obtain reproducible and comparable test results, it is necessary to use the methods of specimen preparation and conditioning, the specimen dimensions and the test procedures specified herein. Values determined will not necessarily be identical to those obtained using specimens of different dimensions or prepared using different procedures.

SIST/TC IUSN Usnje

SIST EN 16887:2017
2017-06 (po) (en;fr;de) 25 str. (F)
Usnje - Okoljski odtis - Pravila za kategorije proizvodov (PCR) - Ogljikove stopinje
Leather - Environmental footprint - Product Category Rules (PCR) - Carbon footprints
Osnova: EN 16887:2017
ICS: 13.020.60, 59.140.30

The scope of this standard is to calculate the Product Carbon Footprint (PCF) of leather as defined in EN 15987 and sold in the semi-processed state or ready to be shipped for use in consumer articles manufacturing processes.

SIST EN ISO 20136:2017
2017-06 (po) (en;fr;de) 28 str. (G)
Usnje - Ugotavljanje razgradljivosti z mikroorganizmi (ISO 20136:2017)
Leather - Determination of degradability by micro-organisms (ISO 20136:2017)
Osnova: EN ISO 20136:2017
ICS: 59.140.30

This document specifies a test method to determine the degree and rate of aerobic biodegradation of hides and skins of different animal origin, whether they are tanned or not, through the indirect determination of CO2 produced by the degradation of collagen.
The test material is exposed to an inoculum (activated sludge from tannery wastewater) in an aqueous medium.
The conditions established in this document correspond to optimum laboratory conditions to achieve the maximum level of biodegradation. However, they may not necessarily correspond to the optimum conditions or maximum level of biodegradation in the natural medium.
In general, the experimental procedure covers the determination of the degradation degree and rate of the material under controlled conditions, which allows the analysis of the evolved carbon dioxide produced throughout the test. For this purpose, the testing equipment complies with strict requirements with regard to flow, temperature and agitation control.
This method applies to the following materials:
— natural polymers of animal stroma (animal tissue/skins),
— animal hides and skins tanned (leather) using organic or inorganic tanning agents,
— leathers that, under testing conditions, do not inhibit the activity of microorganisms present in the inoculum.

SIST EN ISO 20137:2017
2017-06 (po) (en;fr;de) 19 str. (E)
Usnje - Kemijski preskusi - Smernice za preskušanje kritičnih kemikalij v usnju (ISO 20137:2017)
Leather - Chemical tests - Guidelines for testing critical chemicals in leather (ISO 20137:2017)
Osnova: EN ISO 20137:2017
ICS: 59.140.30

This document gives guidelines to apply the available chemical test methods for leather. This information can be used by those involved in setting specifications for leather, especially for those parameters relating to restricted chemical substances.

Lists of restricted chemicals contain many substances that are not relevant to the leather industry. Those chemical substances that are not mentioned in this document do not need to be determined, thus avoiding unnecessary analytical costs.

SIST/TC IŽNP Železniške naprave

SIST EN 16586-1:2017
2017-06 (po) (en;fr;de) 22 str. (F)
Železniške naprave - Načrtovanje za osebe z omejenimi gibalnimi sposobnostmi - Dostop do železniških vozil - 1. del: Stopnice za vstop in izstop
Railway applications - Design for PRM Use - Accessibility of People with Reduced Mobility to rolling stock - Part 1: Steps for Egress and Access
Osnova: EN 16586-1:2017
ICS: 45.060.20, 11.180.01

This European Standard describes the specific 'Design for PRM Use' requirements applying to rolling stock on the Trans-European Network (TEN) covered by the TSI for PRM and the assessment of those requirements. The following applies to this standard.
- The definitions and requirements describe specific aspects of 'Design for PRM Use' required by people with reduced mobility as defined in TSI PRM.
- This standard defines elements which are universally valid for obstacle free travelling including steps for access and egress and boarding aids. The definitions and requirements of this standard are to be used for rolling stock applications.
- This part of the standard covers those requirements relating to 'Steps for Egress and Access'.
- The standard only refers to aspects of accessibility for PRM passengers it does not define general requirements and general definitions for specific components and systems.
- This standard assumes that the vehicle is in the defined operating condition, any damages or operating failures will not be taken into account when assessing these requirements.
- Where minimum or maximum dimensions are quoted these are absolute NOT nominal requirements
The following areas of 'Accessibility of People with Reduced Mobility to rolling stock' from TSI PRM are covered in 2 parts:
- Part 1 contains
Steps for Access and Egress
- Part 2 contains
Boarding aids
This standard describes these areas with clear and consistent terms and definitions. Measurement methods and/or assessment procedures needed to establish a clear pass/fail assessment are provided where necessary.

SIST EN 16586-2:2017
2017-06 (po) (en;fr;de) 30 str. (G)
Železniške naprave - Načrtovanje za osebe z omejenimi gibalnimi sposobnostmi - Dostop do železniških vozil - 2. del: Pripomočki pri vstopu in izstopu
Railway applications - Design for PRM Use - Accessibility of People with Reduced Mobility to rolling stock - Part 2: Boarding Aids
Osnova: EN 16586-2:2017
ICS: 45.060.20, 11.180.01

This European Standard describes the specific 'Design for PRM Use' requirements applying to rolling stock on the Trans-European Network (TEN) covered by the TSI for PRM and the assessment of those requirements. The following applies to this standard.
The definitions and requirements describe specific aspects of 'Design for PRM Use' required by people with reduced mobility as defined in TSI PRM.

This standard defines elements which are universally valid for obstacle free travelling including steps for access and egress and boarding aids. The definitions and requirements of this standard are used for rolling stock applications.
This part of the standard covers those requirements relating to 'Boarding Aids'.
The standard only refers to aspects of accessibility for PRM passengers. It does not define general requirements and general definitions for specific components and systems.
This standard assumes that the vehicle is in the defined operating condition, any damages or operating failures will not be taken into account when assessing these requirements.
Where minimum or maximum dimensions are quoted these are absolute NOT nominal requirements.
The following areas of 'Accessibility of People with Reduced Mobility to rolling stock' are covered in this part:
- **Steps for Access and Egress**
- **Steps for Access and Egress**
- **Boarding aids**
- **Boarding aids**

This standard describes these areas with clear and consistent terms and definitions. Measurement methods and/or assessment procedures needed to establish a clear pass/fail assessment are provided where necessary.

SIST/TC KAV Kakovost vode

SIST EN 16859:2017
2017-06 (po) (en;fr;de) 46 str. (I)
Kakovost vode - Navodilo za spremljanje (monitoring) populacij sladkovodnih školjk potočnih bisernic (Margaritifera margaritifera) in njihovega okolja
Water quality - Guidance standard on monitoring freshwater pearl mussel (Margaritifera margaritifera) populations and their environment
Osnova: EN 16859:2017
ICS: 13.060.70

This standard provides guidance on methods for monitoring freshwater pearl mussel populations and the environmental characteristics important for maintaining populations in favourable condition. The standard is based on best practice developed and used by Margaritifera experts in Europe, and describes approaches that individual countries have adopted for survey, data analysis and condition assessment. While it is recommended that the causes for pearl mussel decline should be urgently investigated, standard methods for restoring populations are beyond the scope of this document.

SIST EN 16870:2017
2017-06 (po) (en;fr;de) 47 str. (I)
Kakovost vode - Navodilo za določevanje stopnje spremenjenosti hidromorfoloških značilnosti jezer
Water quality - Guidance standard on determining the degree of modification of lake hydromorphology
Osnova: EN 16870:2017
ICS: 13.060.10, 07.060

This European Standard provides guidance on determining the degree of modification of lake hydromorphological features described in EN 16039. It enables consistent comparisons of hydromorphology between lakes within a country and between different countries in Europe, providing a method for broad based characterization across a wide spectrum of hydromorphological modification. Its primary aim is to assess 'departure from naturalness' for a given type of lake as a result of human pressures, and it suggests suitable sources of information that may contribute to characterizing the degree of modification of hydromorphological features. For wholly artificial lakes or reservoirs formed by damming rivers the aim is to assess the extent to

which processes approximate to those in comparable natural water bodies. However, this standard does not replace methods that have been developed within particular countries for local assessment and reporting. Decisions on management for individual lakes require expert local knowledge and vary according to lake type.

SIST EN ISO 10253:2017 SIST EN ISO 10253:2006
2017-06 (po) (en;fr;de) 26 str. (F)
Kakovost vode - Preskus zaviranja rasti morskih alg s Skeletonema sp. in Phaeodactylum tricornutum (ISO 10253:2016)
Water quality - Marine algal growth inhibition test with Skeletonema sp. and Phaeodactylum tricornutum (ISO 10253:2016)
Osnova: EN ISO 10253:2016
ICS: 13.060.70

This document specifies a method for the determination of the inhibition of growth of the unicellular marine algae Skeletonema sp. and Phaeodactylum tricornutum by substances and mixtures contained in sea water or by environmental water samples (effluents, elutriates, etc.).
The method can be used for testing substances that are readily soluble in water and are not significantly degraded or eliminated in any other way from the test medium.
NOTE With modifications, as described in ISO 14442 and ISO 5667–16, the inhibitory effects of poorly soluble organic and inorganic materials, volatile compounds, metal compounds, effluents, marine water samples and elutriates of sediments can be tested.

SIST EN ISO 14189:2017
2017-06 (po) (en;fr;de) 20 str. (E)
Kakovost vode - Ugotavljanje števila Clostridium perfringens - Metoda membranske filtracije (ISO 14189:2013)
Water quality - Enumeration of Clostridium perfringens - Method using membrane filtration (ISO 14189:2013)
Osnova: EN ISO 14189:2016
ICS: 07.100.20

This International Standard specifies a method for the enumeration of vegetative cells and spores of Clostridium perfringens by the membrane filtration method in samples of water intended for human consumption. However, the method can be applied to all types of water samples provided they do not contain particulate or colloidal matter that interferes with filtration.

SIST EN ISO 17294-2:2017 SIST EN ISO 17294-2:2005
2017-06 (po) (en;fr;de) 39 str. (H)
Kakovost vode - Uporaba masne spektrometrije z induktivno sklopljeno plazmo (ICP/MS) - 2. del: Določevanje izbranih elementov, vključno z izotopi urana (ISO 17294-2:2016)
Water quality - Application of inductively coupled plasma mass spectrometry (ICP-MS) - Part 2: Determination of selected elements including uranium isotopes (ISO 17294-2:2016)
Osnova: EN ISO 17294-2:2016
ICS: 13.060.50

This part of ISO 17294 specifies a method for the determination of the elements aluminium, antimony, arsenic, barium, beryllium, bismuth, boron, cadmium, caesium, calcium, cerium, chromium, cobalt, copper, dysprosium, erbium, gadolinium, gallium, germanium, gold, hafnium, holmium, indium, iridium, iron, lanthanum, lead, lithium, lutetium, magnesium, manganese, mercury, molybdenum, neodymium, nickel, palladium, phosphorus, platinum, potassium, praseodymium, rubidium, rhenium, rhodium, ruthenium, samarium, scandium, selenium, silver, sodium, strontium, terbium, tellurium, thorium, thallium, thulium, tin, tungsten, uranium and its isotopes, vanadium, yttrium, ytterbium, zinc and zirconium in water (for example, drinking water, surface water, ground water, waste water and eluates).

Taking into account the specific and additionally occurring interferences, these elements can also be determined in digests of water, sludges and sediments (for example, digests of water as described in ISO 15587-1 or ISO 15587-2).
The working range depends on the matrix and the interferences encountered. In drinking water and relatively unpolluted waters, the limit of quantification (xLQ) lies between 0,002 µg/l and 1,0 µg/l for most elements. The working range typically covers concentrations between several pg/l and mg/l depending on the element and pre-defined requirements.
The quantification limits of most elements are affected by blank contamination and depend predominantly on the laboratory air-handling facilities available on the purity of reagents and the cleanliness of glassware.
The lower limit of quantification is higher in cases where the determination suffers from interferences or memory effects (see ISO 17294-1:2004, 8.2).

SIST EN ISO 17943:2017
2017-06 (po) (en;fr;de) 51 str. (J)
Kakovost vode - Določevanje hlapnih organskih spojin v vodi - Metoda headspace mikroekstrakcije na trdni fazi (HS-SPME) v kombinaciji s plinsko kromatografijo/masno spektrometrijo (GC/MS) (ISO 17943:2016)
Water quality - Determination of volatile organic compounds in water - Method using headspace solid-phase micro-extraction (HS-SPME) followed by gas chromatography-mass spectrometry (GC-MS) (ISO 17943:2016)
Osnova: EN ISO 17943:2016
ICS: 71.040.50, 13.060.50

This International Standard specifies a method for the determination of volatile organic compounds. This comprises e.g. halogenated hydrocarbons, trihalogen methanes, gasoline additives (like BTEX, MTBE and ETBE), naphthalene, 2-ethyl-4-methyl-1,3-dioxolane and highly odorous substances like geosmin and 2-methylisoborneol in drinking water, ground water and surface water by means of headspace solid-phase microextraction (HS-SPME) followed by gas chromatography-mass spectrometry (GC MS). The limit of determination depends on the matrix, on the specific compound to be analysed and on the sensitivity of the mass spectrometer. For most compounds to which this International Standard applies, it is at least 0,01 µg/l. Validation data related to a concentration range between 0,02 µg/l and 2,6 µg/l have been demonstrated in an interlaboratory trial. Additional validation data derived from standardization work show applicability of the method within a concentration range from 0,01 µg/l to 100 µg/l of individual substances. All determinations are performed on small sample amounts (e.g. sample volumes of 10 ml).
This method is applicable to other compounds not explicitly covered by this International Standard or to other types of water. However, it is necessary to verify the applicability for each case.

SIST EN ISO 18635:2017
2017-06 (po) (en;de) 41 str. (I)
Kakovost vode - Določevanje polikloriranih alkanov s kratko verigo (SCCP) v sedimentu, blatu odpadnih vod in suspendiranih delcih - Metoda plinske kromatografije/masne spektrometrije (GC/MS) z negativno ionizacijo in zajemom elektronov (ECNI) (ISO 18635:2016)
Water quality - Determination of short-chain polychlorinated alkanes (SCCPs) in sediment, sewage sludge and suspended (particulate) matter - Method using gas chromatography-mass spectrometry (GC-MS) and electron capture negative ionization (ECNI) (ISO 18635:2016)
Osnova: EN ISO 18635:2016
ICS: 71.040.50, 13.060.50

This International Standard specifies a method for the quantitative determination of the sum of short chain polychlorinated n alkanes also known as short chain polychlorinated paraffins (SCCPs) in the carbon bond range n-C10 to n-C13 inclusive, in mixtures with chlorine mass fractions ("contents") between 50 % and 67 %, including approximately 6 000 of approximately 8

000 congeners.
This method is applicable to the determination of the sum of SCCPs in sediment and suspended, particulate matter and soil using gas chromatography mass spectrometry with electron capture negative ionization (GC ECNI MS).
Depending on the detection capabilities of the GC ECNI MS the method can be applied to samples containing e.g. 0,03 µg/g to 1 µg/g sum of SCCPs.

SIST EN ISO 5667-14:2017
2017-06 (po) (en;fr;de) 43 str. (I)
Kakovost vode - Vzorčenje - 14. del: Navodilo za zagotavljanje in kontrolo kakovosti vzorčenja vode v okolju ter ravnanje z vzorci (ISO 5667-14:2014)
Water quality - Sampling - Part 14: Guidance on quality assurance and quality control of environmental water sampling and handling (ISO 5667-14:2014)
Osnova: EN ISO 5667-14:2016
ICS: 13.060.45

This part of ISO 5667 provides guidance on the selection and use of various quality assurance and quality control techniques relating to the manual sampling of surface, potable, waste, marine and ground waters.

SIST EN ISO 5667-6:2017
2017-06 (po) (en;fr;de) 37 str. (H)
Kakovost vode - Vzorčenje - 6. del: Navodilo za vzorčenje rek in potokov (ISO 5667-6:2014)
Water quality - Sampling - Part 6: Guidance on sampling of rivers and streams (ISO 5667-6:2014)
Osnova: EN ISO 5667-6:2016
ICS: 13.060.10, 13.060.45

This part of ISO 5667 sets out the principles to be applied to the design of sampling programmes, sampling techniques, and the handling of water samples from rivers and streams for physical and chemical assessment. It is not applicable to the sampling of estuarine or coastal waters nor for microbiological sampling.
NOTE 1 Procedures for microbiological sampling are given in ISO 19458.
This part of ISO 5667 is neither applicable to the examination of sediment, suspended solids or biota, nor to dammed stretches of rivers or streams. Also, it is not applicable to passive sampling of surface waters (see ISO 5667-23).
NOTE 2 In cases where naturally occurring or artificially constructed dams result in the retention or storage of water for several days or more, the stretch of the river or stream should be considered as a standing water body. For sampling purposes, see ISO 5667-4.

SIST EN ISO 9308-1:2014/A1:2017
2017-06 (po) (en;fr;de) 7 str. (B)
Kakovost vode - Ugotavljanje števila Escherichia coli in koliformnih bakterij - 1. del: Metoda membranske filtracije za vode z majhnim številom spremljajočih bakterij - Dopolnilo A1 (ISO 9308-1:2014/Amd 1:2016)
Water quality - Enumeration of Escherichia coli and coliform bacteria - Part 1: Membrane filtration method for waters with low bacterial background flora (ISO 9308-1:2014/Amd 1:2016)
Osnova: EN ISO 9308-1:2014/A1:2017
ICS: 13.060.70, 07.100.20

Dopolnilo A1 je dodatek k standardu SIST EN ISO 9308-1:2014.
Ta del ISO 9308 določa metodo za ugotavljanje števila Escherichia coli (E. coli) in koliformnih bakterij. Metoda temelji na membranski filtraciji, posledični kulturi na kromogenem koliformnem agarskem gojišču in izračunu števila ciljnih organizmov v vzorcu. Zaradi nizke selektivnosti diferencialnega agarskega gojišča je mogoče, da rast v ozadju vpliva na zanesljivo

ugotavljanje števila E. coli in koliformnih bakterij, na primer v površinskih vodah ali plitvih vodah v vodnjakih. Ta metoda ni primerna za te vrste vod.
Ta del standarda ISO 9308 je še posebej primeren za vode z nizkim številom bakterij, ki bi povzročile manj kot 100 kolonij skupaj na kromogenem koliformnem agarju (CAA). Te so morda pitna voda, dezinficirana voda v bazenu ali končna voda v čistilnih napravah za pitno vodo.
Nekateri sevi E. coli, ki so negativni na β-D-glukuronidazo, kot so Escherichia coli O157, ne bodo zaznani kot E. coli. Ker so pozitivni na β-D-glukuronidazo, se bodo na tem kromogenem agarju pojavili kor koliformne bakterije.

SIST/TC KON Konstrukcije

SIST EN 1993-1-5:2007/A1:2017
2017-06 (po) (en;fr;de) 4 str. (A)
Evrokod 3 - Projektiranje jeklenih konstrukcij - 1-5. del: Elementi pločevinaste konstrukcije
Eurocode 3 - Design of steel structures - Part 1-5: Plated structural elements
Osnova: EN 1993-1-5:2006/A1:2017
ICS: 91.080.13, 91.010.30

(1) EN 1993-1-5 gives design requirements of stiffened and unstiffened plates which are subject to inplane forces.
(2) Effects due to shear lag, in-plane load introduction and plate buckling for I-section girders and box girders are covered. Also covered are plated structural components subject to in-plane loads as in tanks and silos. The effects of out-of-plane loading are outside the scope of this document.
NOTE 1: The rules in this part complement the rules for class 1, 2, 3 and 4 sections, see EN 1993-1-1.
NOTE 2: For the design of slender plates which are subject to repeated direct stress and/or shear and also fatigue due to out-of-plane bending of plate elements (breathing) see EN 1993-2 and EN 1993-6.
NOTE 3: For the effects of out-of-plane loading and for the combination of in-plane effects and out-of-plane loading effects see EN 1993-2 and EN 1993-1-7.
NOTE 4: Single plate elements may be considered as flat where the curvature radius r satisfies: tar23 (1.1) where a is the panel widtht is the plate thickness

SIST/TC KŽP Kmetijski pridelki in živilski proizvodi

SIST EN ISO 15216-1:2017 SIST-TS CEN ISO/TS 15216-1:2013
2017-06 (po) (en) 57 str. (J)
Mikrobiologija v prehranski verigi - Horizontalna metoda za ugotavljanje virusa hepatitisa A in norovirusov z RT-PCR v realnem času - 1. del: Metoda za kvantifikacijo (ISO 15216-1:2017)
Microbiology of the food chain - Horizontal method for determination of hepatitis A virus and norovirus using real-time RT-PCR - Part 1: Method for quantification (ISO 15216-1:2017)
Osnova: EN ISO 15216-1:2017
ICS: 07.100.30

This document specifies a method for the quantification of levels of HAV and norovirus genogroup I (GI) and II (GII) RNA, from test samples of foodstuffs (soft fruit, leaf, stem and bulb vegetables, bottled water, BMS) or food surfaces. Following liberation of viruses from the test sample, viral RNA is then extracted by lysis with guanidine thiocyanate and adsorption on silica. Target sequences within the viral RNA are amplified and detected by real-time RT-PCR.
This method is not validated for detection of the target viruses in other foodstuffs (including multicomponent foodstuffs), or any other matrices, nor for the detection of other viruses in foodstuffs, food surfaces or other matrices.

SIST EN ISO 6887-1:2017 SIST EN ISO 6887-1:1999
2017-06 (po) (en) 34 str. (H)
Mikrobiologija v prehranski verigi - Priprava preskusnih vzorcev, osnovne suspenzije in decimalnih razredčin za mikrobiološko preiskavo - 1. del: Splošna pravila za pripravo osnovne suspenzije in decimalnih razredčin (ISO 6887-1:2017)
Microbiology of the food chain - Preparation of test samples, initial suspension and decimal dilutions for microbiological examination - Part 1: General rules for the preparation of the initial suspension and decimal dilutions (ISO 6887-1:2017)
Osnova: **EN ISO 6887-1:2017**
ICS: **07.100.30**

This document defines general rules for the aerobic preparation of the initial suspension and of dilutions for microbiological examinations of products intended for human or animal consumption. This document is applicable to the general case and other parts apply to specific groups of products as mentioned in the foreword. Some aspects might also be applicable to molecular methods where matrices can be associated with inhibition of the PCR steps and consequently affect the test result. This document excludes preparation of samples for both enumeration and detection test methods where preparation instructions are detailed in specific International Standards.

SIST EN ISO 6887-2:2017 SIST EN ISO 6887-2:2003
2017-06 (po) (en) 16 str. (D)
Mikrobiologija v prehranski verigi - Priprava preskusnih vzorcev, osnovne suspenzije in decimalnih razredčin za mikrobiološko preiskavo - 2. del: Posebna pravila za pripravo mesa in mesnih izdelkov (ISO 6887-2:2017)
Microbiology of the food chain - Preparation of test samples, initial suspension and decimal dilutions for microbiological examination - Part 2: Specific rules for the preparation of meat and meat products (ISO 6887-2:2017)
Osnova: **EN ISO 6887-2:2017**
ICS: **67.120.10, 07.100.30**

This document specifies rules for the preparation of meat and meat product samples and their suspension for microbiological examination when the samples require different preparation from the methods described in ISO 6887-1. ISO 6887-1 defines the general rules for the preparation of the initial suspension and dilutions for microbiological examination.
This document excludes preparation of samples for both enumeration and detection test methods where preparation details are specified in the relevant International Standards.
This document is applicable to the following fresh, raw and processed meats, poultry and game and their products:
— refrigerated or frozen;
— cured or fermented;
— minced or comminuted;
— meat preparations;
— mechanically separated meat;
— cooked meats;
— dried and smoked meats at various degrees of dehydration;
— concentrated meat extracts;
— excision and swab samples from carcasses.
This document excludes the sampling of carcasses (see ISO 17604) and preparation of samples from the primary production stage (see ISO 6887-6).

SIST EN ISO 6887-3:2017 SIST EN ISO 6887-3:2003
2017-06 (po) (en) 24 str. (F)
Mikrobiologija v prehranski verigi - Priprava preskusnih vzorcev, osnovne suspenzije in decimalnih razredčin za mikrobiološko preiskavo - 3. del: Posebna pravila za pripravo rib in ribjih izdelkov (ISO 6887-3:2017)
Microbiology of the food chain - Preparation of test samples, initial suspension and decimal dilutions for microbiological examination - Part 3: Specific rules for the preparation of fish and fishery products (ISO 6887-3:2017)
Osnova: EN ISO 6887-3:2017
ICS: 67.120.30, 07.100.30

This document specifies rules for the preparation of fish and fishery product samples and their suspension for microbiological examination when the samples require a different preparation from the methods described in ISO 6887-1. ISO 6887-1 defines the general rules for the preparation of the initial suspension and dilutions for microbiological examination.
This document includes special procedures for sampling raw molluscs, tunicates and echinoderms from primary production areas.
NOTE 1 Sampling of raw molluscs, tunicates and echinoderms from primary production areas is included in this document, rather than ISO 13307, which specifies rules for sampling from the terrestrial primary production stage.
This document excludes preparation of samples for both enumeration and detection test methods where preparation details are specified in the relevant International Standards (e.g. ISO/TS 15216-1 and ISO/TS 15216-2 for determination of hepatitis A virus and norovirus in food using real-time RT-PCR).
This document is intended to be used in conjunction with ISO 6887-1. It is applicable to the following raw, processed or frozen fish and shellfish and their products (see Annex A for classification of major taxa):
a) Raw fishery products, molluscs, tunicates and echinoderms including:
— whole fish or fillets, with or without skin and heads, and gutted;
— crustaceans, whole or shelled;
— cephalopods;
— bivalve molluscs;
— gastropods;
— tunicates and echinoderms.
b) Processed products including:
— smoked fish, whole or prepared fillets, with or without skin;
— cooked or partially cooked, whole or shelled crustaceans, molluscs, tunicates and echinoderms;
— cooked or partially cooked fish and fish-based multi-component products.
c) Raw or cooked frozen fish, crustaceans, molluscs and others, in blocks or otherwise, including:
— fish, fish fillets and pieces;
— whole and shelled crustacean (e.g. flaked crab, prawns), molluscs, tunicates and echinoderms.
NOTE 2 The purpose of examinations performed on these samples can be either hygiene testing or quality control. However, the sampling techniques described in this document relate mainly to hygiene testing (on muscle tissues).

SIST EN ISO 6887-4:2017 SIST EN ISO 6887-4:2003
SIST EN ISO 6887-4:2003/A1:2012
SIST EN ISO 6887-4:2003/AC:2005
2017-06 (po) (en) 24 str. (F)
Mikrobiologija v prehranski verigi - Priprava preskusnih vzorcev, osnovne suspenzije in decimalnih razredčin za mikrobiološko preiskavo - 4. del: Posebna pravila za pripravo drugih izdelkov (ISO 6887-4:2017)
Microbiology of the food chain - Preparation of test samples, initial suspension and decimal dilutions for microbiological examination - Part 4: Specific rules for the preparation of miscellaneous products (ISO 6887-4:2017)
Osnova: EN ISO 6887-4:2017
ICS: 07.100.30

This document specifies rules for the preparation of samples and dilutions for the microbiological examination of specific food products not covered in other parts of ISO 6887, which deal with more general categories. This document covers a wide range of miscellaneous products, but does not include new products brought on to the market after publication.
ISO 6887-1 defines the general rules for the preparation of the initial suspension and dilutions for microbiological examination.
This document excludes preparation of samples for both enumeration and detection test methods when preparation details are specified in the relevant International Standards.
This document is applicable to the following products:
— acidic (low pH) products;
— hard and dry products;
— dehydrated, freeze-dried and other low aw products (including those with inhibitory properties);
— flours, whole cereal grains, cereal by-products;
— animal feed, cattle cake, kibbles and pet chews;
— gelatine (powdered and leaf);
— margarines, spreads and non-dairy products with added water;
— eggs and egg products;
— bakery goods, pastries and cakes;
— fresh fruit and vegetables;
— fermented products and other products containing viable microorganisms;
— alcoholic and non-alcoholic beverages;
— alternative protein products.

SIST/TC LLZ Les, lesni izdelki in zaščita lesa

SIST EN 14323:2017 SIST EN 14323:2004
2017-06 (po) (en;fr;de) 17 str. (E)
Lesne plošče - Z melaminom oplemenitene plošče za notranje prostore - Preskusne metode
Wood-based panels - Melamine faced boards for interior uses - Test methods
Osnova: EN 14323:2017
ICS: 79.060.01

This European Standard specifies test methods for the determination of characteristics of melamine faced boards (MFB) as defined in EN 14322.

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

SIST EN 62052-11:2004/A1:2017
2017-06 (po) (en) 13 str. (D)
Oprema za merjenje električne energije (izmenični tok) - Splošne zahteve, preskusi in preskuševalni pogoji - 11. del: Merilna oprema - Dopolnilo A1
Electricity metering equipment (AC) - General requirements, tests and test conditions - Part 11: Metering equipment
Osnova: EN 62052-11:2003/A1:2017
ICS: 91.140.50, 17.220.20

Dopolnilo A1 je dodatek k standardu SIST EN 62052-11:2004.
This part of IEC 62052 covers type tests for electricity metering equipment for indoor and outdoor application and applies to newly manufactured equipment designed to measure the electrical energy on 50 Hz or 60 Hz networks, with a voltage up to 600 V.
It applies to electromechanical or static meters for indoor and outdoor application consisting of a measuring element and register(s) enclosed together in a meter case. It also applies to operation

indicator(s) and test output(s). If the meter has a measuring element for more than one type of energy (multi-energy meters), or when other functional elements, such as maximum demand indicators, electronic tariff registers, time switches, ripple control receivers, data communication interfaces, etc. are enclosed in the meter case, then the relevant standards for these elements apply.
It does not apply to:
a) portable meters;
b) data interfaces to the register of the meter;
c) reference meters.
For rack-mounted meters, the mechanical properties are not covered in this standard.

SIST EN 62053-23:2004/A1:2017
2017-06 (po) (en) 6 str. (B)
Oprema za merjenje električne energije (izmenični tok) - Posebne zahteve - 23. del: Statični števci jalove energije (razreda 2 in 3) - DopolniloA1
Electricity metering equipment (a.c.) - Particular requirements - Part 23: Static meters for reactive energy (classes 2 and 3)
Osnova: EN 62053-23:2003/A1:2017
ICS: 91.140.50, 17.220.20

Dopolnilo A1 je dodatek k standardu SIST EN 62053-23:2004.
This part of IEC 62053 applies only to newly manufactured static var-hour meters of accuracy classes 2 and 3, for the measurement of alternating current electrical reactive energy in 50 Hz or 60 Hz networks and it applies to their type tests only. For practical reasons, this standard is based on a conventional definition of reactive energy for sinusoidal currents and voltages containing the fundamental frequency only.
It applies only to static var-hour meters for indoor and outdoor application consisting of a measuring element and register(s) enclosed together in a meter case. It also applies to operation indicator(s) and test output(s). If the meter has a measuring element for more than one type of energy (multi-energy meters), or when other functional elements, like maximum demand indicators, electronic tariff registers, time switches, ripple control receivers, data communication interfaces, etc. are enclosed in the meter case, then the relevant standards for these elements also apply.
It does not apply to:
– var-hour meters where the voltage across the connection terminals exceeds 600 V (lineto- line voltage for meters for polyphase systems);
– portable meters;
– data interfaces to the register of the meter;
– reference meters.
The dependability aspect is covered by the documents of the IEC 62059 series.

SIST EN 62053-24:2015/A1:2017
2017-06 (po) (en) 6 str. (B)
Oprema za merjenje električne energije (izmenični tok) - Posebne zahteve - 24. del: Statični števci osnovne komponente jalove energije (razredi 0,5 S, 1 S in 1) - Dopolnilo A1
Electricity metering equipment (a.c.) - Particular requirements - Part 24: Static meters for reactive energy at fundamental frequency (classes 0,5 S, 1 S and 1)
Osnova: EN 62053-24:2015/A1:2017
ICS: 91.140.50, 17.220.20

Dopolnilo A1 je dodatek k standardu SIST EN 62053-24:2015.
Ta del standarda IEC 62053 se uporablja le za novo proizvedene transformatorske statične števce jalove energije razredov natančnosti 0,5 S in 1 S ter neposredno povezane statične števce jalove energije razreda natančnosti 1 za merjenje jalove električne energije pri izmeničnem toku v omrežju 50 Hz ali 60 Hz ter se uporablja le za tipsko preskušanje teh števcev. V tem standardu se

uporablja konvencionalna opredelitev jalove energije, kadar se jalova moč in energija izračunata le na podlagi komponent osnovnih frekvenc tokov in napetosti. Glej 3. točko.

OPOMBA 1: Ta pristop se razlikuje od pristopa iz standarda IEC 62053-23, kjer sta jalova moč in energija določeni le za sinusne signale. V tem standardu sta jalova moč in energija določeni za vse periodične signale. Jalova moč in energija sta določeni tako, da se doseže ustrezna ponovljivost meritev z različno zasnovanimi števci. Pri tej opredelitvi jalova moč in energija ne odražata skupnega nepotrebnega toka, ampak splošno nepotreben tok, ki ga je mogoče nadomestiti s kondenzatorji.

Uporablja se le za statične števce jalove energije za notranjo in zunanjo montažo, sestavljene iz merilnega elementa in zapisovalnika, priloženega v merilnem ohišju. Uporablja se tudi kot indikator obratovanja in preskusni izhod. Če ima števec merilni element za več vrst energije (multi energijski števci) ali če so drugi funkcionalni elementi, kot so indikatorji maksimuma, elektronski tarifni registri, časovna stikala, kontrolni prejemniki nihanj, podatkovni komunikacijski vmesniki itd., priloženi v merilno ohišje, se uporabljajo tudi ustrezni standardi za te elemente.

OPOMBA 2: V standardu IEC 61869-2:2012 so opisani transformatorji z merilnim obsegom 0,05 In do Imaks. za razrede natančnosti 0,2, 0,5, 1 in 2 ter transformatorji z merilnim obsegom 0,01 In do Imaks. za razreda natančnosti 0,2 S in 0,5 S. Ker se morata merilni obseg števca in z njim povezanih transformatorjev ujemati in ker imajo le transformatorji razreda 0,2 S/0,5 S značilnosti tokovnega pogreška in faznega pogreška, primerne za delovanje števca razreda 0,5 S/1 S, kot je opredeljeno v tem standardu, bo merilni obseg transformatorskih števcev 0,01 In do Imaks. Števci jalove energije, ki naj bi se uporabljali s transformatorji, ki niso razreda S, zato niso zajeti v tem standardu.

SIST EN 62054-11:2005/A1:2017
2017-06 (po) (en) 6 str. (B)
Merjenje električne energije (a.c./izmenični tok) - Krmiljenje tarif in bremen - 11. del: Posebne zahteve za elektronske tonsko frekvenčne omrežne sprejemnike - Dopolnilo A1
Electricity metering (a.c.) - Tariff and load control - Part 11: Particular requirements for electronic ripple control receivers
Osnova: **EN 62054-11:2004/A1:2017**
ICS: **17.220.20, 91.140.50**

Dopolnilo A1 je dodatek k standardu SIST EN 62054-11:2005.

This part of IEC 62054 specifies particular requirements for the type test of newly manufactured indoor electronic ripple control receivers for the reception and interpretation of pulses of a single audio frequency superimposed on the voltage of the electricity distribution network and for the execution of the corresponding switching operations. In this system the mains frequency is generally used to synchronize the transmitter and receivers. Neither the control frequency nor the encoding are standardized in this standard.

This standard gives no requirements for constructional details internal to the receiver.

In the case where ripple control functionality is integrated in multifunction electricity metering equipment, the relevant parts of this standard apply.

This standard does not cover the acceptance tests and the conformity tests. Nevertheless, an example of what could be an acceptance test is given in Annex D.

The dependability aspect is covered by the documents of the IEC 62059 series.

When using this standard in conjunction with IEC 62052-21, the requirements of this standard take precedence over those of IEC 62052-21 with regard to any item already covered in it.

SIST/TC MOC Mobilne komunikacije

SIST EN 300 472 V1.4.1:2017
2017-06 (po) (en) 13 str. (D)
Digitalna videoradiodifuzija (DVB) - Specifikacija za prenos teleteksta po standardu ITU-R sistem B v bitnih tokih digitalne videoradiodifuzije
Digital Video Broadcasting (DVB) - Specification for conveying ITU-R System B Teletext in DVB bitstreams
Osnova: **ETSI EN 300 472 V1.4.1 (2017-04)**
ICS: **33.170**

The present document specifies the method by which ITU-R System B Teletext (Recommendation ITU-R BT.653 [3]), also known as EBU Teletext (see ETSI EN 300 706 [4]), may be carried in DVB bitstreams. This transport mechanism is intended to satisfy the following requirements:
• to support the transcoding of the Teletext data into the Vertical Blanking Interval (VBI) of analogue video.
The transcoded signal should be compatible with existing TV receivers with Teletext decoders;
• the maximum data rate for each Teletext service is equivalent to 16 lines per field so that the service is always suitable for transcoding into the VBI;
• the transmission mechanism should be capable of transmitting subtitles with accurate timing with respect to the video (i.e. to within or near frame accuracy).
A more general data transport mechanism for conveying new types of data services is outside the scope of the present document, but the transport syntax specified here can also be adapted for other data.

SIST EN 301 178 V2.2.1:2017
2017-06 (po) (en) 44 str. (I)
Prenosne radiotelefonske naprave VHF za pomorske mobilne storitve, ki delujejo v območju VHF (samo za uporabo zunaj GMDSS) - Harmonizirani standard, ki zajema bistvene zahteve člena 3.2 direktive 2014/53/EU
Portable Very High Frequency (VHF) radiotelephone equipment for the maritime mobile service operating in the VHF bands (for non-GMDSS applications only) - Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU
Osnova: **ETSI EN 301 178 V2.2.1 (2017-03)**
ICS: **33.060.99, 47.020.70**

The present document specifies technical characteristics and methods of measurements for equipment:
1) portable Very High Frequency (VHF) transceivers operating with 25 kHz channels;
2) portable Very High Frequency (VHF) transceivers operating with both 25 kHz and 12,5 kHz channels.
These radiotelephones are not providing maritime distress and safety communications functions (i.e. not forming part of the Global Maritime Distress and Safety System (GMDSS)) operating in certain frequency bands allocated to the maritime mobile service using either 25 kHz or 25 kHz and 12,5 kHz channels. The present document covers the essential requirements of article 3.2 of Directive 2014/53/EU [i.2] under the conditions identified in annex A.

SIST EN 301 178 V2.2.2:2017
2017-06 (po) (en) 44 str. (I)
Prenosne radiotelefonske naprave VHF za pomorske mobilne storitve, ki delujejo v območju VHF (samo za uporabo zunaj GMDSS) - Harmonizirani standard, ki zajema bistvene zahteve člena 3.2 direktive 2014/53/EU
Portable Very High Frequency (VHF) radiotelephone equipment for the maritime mobile service operating in the VHF bands (for non-GMDSS applications only) - Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU
Osnova: **ETSI EN 301 178 V2.2.2 (2017-04)**
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The present document covers the essential requirements of article 3.2 of Directive 2014/53/EU [i.2] under the conditions identified in annex A.

SIST EN 301 908-14 V11.1.2:2017
2017-06 (po) (en) 90 str. (M)
Celična omrežja IMT - Harmonizirani standard, ki zajema bistvene zahteve člena 3.2 direktive 2014/53/EU - 14. del: Bazne postaje za razviti prizemni radijski dostop za UMTS (E-UTRA)
IMT cellular networks - Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU - Part 14: Evolved Universal Terrestrial Radio Access (E-UTRA) Base Stations (BS)
Osnova: **ETSI EN 301 908-14 V11.1.2 (2017-04)**
ICS: **33.070.99, 33.060.99**

The present document applies to the following radio equipment types:
1) Base Station for Evolved Universal Terrestrial Radio Access (E-UTRA).
The present document covers requirements for E-UTRA Base Stations for 3GPP Release 8, 9, 10 and 11.
This includes the requirements for E-UTRA Base Station operating bands and E-UTRA CA operating bands from 3GPP Release 12.
The present document covers the essential requirements of article 3.2 of Directive 2014/53/EU [i.2] under the conditions identified in annex A.

SIST EN 301 908-18 V11.1.2:2017
2017-06 (po) (en) 68 str. (K)
Celična omrežja IMT - Harmonizirani standard, ki zajema bistvene zahteve člena 3.2 direktive 2014/53/EU - 18. del: Multi-Standard Radio (E-UTRA, UTRA in GSM/EDGE) bazne postaje (BS)
IMT cellular networks - Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU - Part 18: E-UTRA, UTRA and GSM/EDGE Multi-Standard Radio (MSR) Base Station (BS)
Osnova: **ETSI EN 301 908-18 V11.1.2 (2017-04)**
ICS: **33.070.99, 33.060.99**

The present document applies to the following equipment types:
1) Multi-Standard Radio capable Base stations (E-UTRA, UTRA, GSM/EDGE).

The present document covers requirements for multi-RAT capable E-UTRA, UTRA and GSM/EDGE MSR Base Stations for 3GPP™ Release 9, 10 and 11. This includes the requirements for E UTRA Base Station operating bands and E-UTRA CA operating bands from 3GPP Release 12. The present document covers the essential requirements of article 3.2 of Directive 2014/53/EU [i.1] under the conditions identified in annex A.

SIST EN 301 908-3 V11.1.3:2017
2017-06 (po) (en) 64 str. (K)
Celična omrežja IMT - Harmonizirani standard, ki zajema bistvene zahteve člena 3.2 direktive 2014/53/EU - 3. del: Bazne postaje s CDMA z neposrednim razprševanjem ("Direct Spread") (UTRA FDD)
IMT cellular networks - Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU - Part 3: CDMA Direct Spread (UTRA FDD) Base Stations (BS)
Osnova: ETSI EN 301 908-3 V11.1.3 (2017-04)
ICS: 33.070.99, 33.060.99

The present document applies to the following equipment types:
1) Stations for IMT 2000 CDMA Direct Spread (UTRA FDD).
The present document covers requirements for UTRA FDD Base Stations for 3GPP Releases 99, 4, 5, 6, 7, 8, 9, 10 and 11. This includes the requirements for BS operating bands from 3GPP Release 12. In addition, the present document covers requirements for UTRA FDD Base Stations in the operating bands specified in ETSI TS 102 735 [i.4].
The present document covers the essential requirements of article 3.2 of Directive 2014/53/EU [i.2] under the conditions identified in annex A.

SIST EN 302 017 V2.1.1:2017
2017-06 (po) (en) 22 str. (F)
Oddajniška oprema za amplitudno modulirano (AM) zvokovno radiodifuzijsko storitev - Harmonizirani standard, ki zajema bistvene zahteve člena 3.2 direktive 2014/53/EU
Transmitting equipment for the Amplitude Modulated (AM) sound broadcasting service - Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU
Osnova: ETSI EN 302 017 V2.1.1 (2017-04)
ICS: 33.170, 33.060.20

The present document specifies technical characteristics and methods of measurements for transmitter equipment for broadcast sound services using the Double Side Band amplitude modulated sound broadcasting service operating in the LF, MF and HF bands.
The present document covers the essential requirements of article 3.2 of Directive 2014/53/EU [i.1] under the conditions identified in annex A.

SIST EN 302 018 V2.1.1:2017
2017-06 (po) (en) 34 str. (H)
Oddajniška oprema za zvokovne radiodifuzijske storitve s frekvenčno modulacijo (FM) - Harmonizirani standard, ki zajema bistvene zahteve člena 3.2 direktive 2014/53/EU
Transmitting equipment for the Frequency Modulated (FM) sound broadcasting service - Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU
Osnova: ETSI EN 302 018 V2.1.1 (2017-04)
ICS: 33.060.20, 33.170

The present document specifies technical characteristics and methods of measurements for transmitter equipment for broadcast sound services using the frequency modulated sound broadcasting service operating in the frequency range 68 MHz to 108 MHz.
The present document covers the essential requirements of article 3.2 of Directive 2014/53/EU [i.1] under the conditions identified in annex A.

SIST EN 302 885 V2.2.2:2017
2017-06 (po) (en) 55 str. (J)
Prenosna radiotelefonska oprema VHF za pomorsko mobilno storitev, ki deluje v pasovih VHF, z vgrajenim ročnim digitalnim selektivnim klicem (DSC) razreda H - Harmonizirani standard, ki zajema bistvene zahteve členov 3.2 in 3.3(g) direktive 2014/53/EU
Portable Very High Frequency (VHF) radiotelephone equipment for the maritime mobile service operating in the VHF bands with integrated handheld class H DSC - Harmonised Standard covering the essential requirements of articles 3.2 and 3.3(g) of Directive 2014/53/EU
Osnova: ETSI EN 302 885 V2.2.2 (2017-03)
ICS: 47.020.70, 33.060.20

The present document states the minimum technical characteristics and methods of measurement required for portable Very High Frequency (VHF) radiotelephones with integrated handheld class H DSC operating in certain frequency bands allocated to the maritime mobile service using either 25 kHz channels or 25 kHz and 12,5 kHz channels. The present document does not cover requirements for the integrated GNSS receiver providing locating function.
The present document also specifies technical characteristics, methods of measurement and required test results.
The present document covers the essential requirements of articles 3.2 and 3.3(g) of Directive 2014/53/EU [i.5] under the conditions identified in annex A.

SIST EN 302 885 V2.2.3:2017
2017-06 (po) (en) 55 str. (J)
Prenosna radiotelefonska oprema VHF za pomorsko mobilno storitev, ki deluje v pasovih VHF, z vgrajenim ročnim digitalnim selektivnim klicem (DSC) razreda H - Harmonizirani standard, ki zajema bistvene zahteve členov 3.2 in 3.3(g) direktive 2014/53/EU
Portable Very High Frequency (VHF) radiotelephone equipment for the maritime mobile service operating in the VHF bands with integrated handheld class H DSC - Harmonised Standard covering the essential requirements of articles 3.2 and 3.3(g) of Directive 2014/53/EU
Osnova: ETSI EN 302 885 V2.2.3 (2017-04)
ICS: 47.020.70, 33.060.20

The present document states the minimum technical characteristics and methods of measurement required for portable Very High Frequency (VHF) radiotelephones with integrated handheld class H DSC operating in certain frequency bands allocated to the maritime mobile service using either 25 kHz channels or 25 kHz and 12,5 kHz channels. The present document does not cover requirements for the integrated GNSS receiver providing locating function.
The present document also specifies technical characteristics, methods of measurement and required test results.
The present document covers the essential requirements of articles 3.2 and 3.3(g) of Directive 2014/53/EU [i.5] under the conditions identified in annex A.

SIST EN 303 146-4 V1.1.2:2017
2017-06 (po) (en) 39 str. (H)
Radijski sistemi z možnostjo preoblikovanja (RRS) - Informacijski modeli in protokoli za mobilne naprave (MD) - 4. del: Radijski programski vmesnik (RPI)
Reconfigurable Radio Systems (RRS) - Mobile Device (MD) information models and protocols - Part 4: Radio Programming Interface (RPI)
Osnova: ETSI EN 303 146-4 V1.1.2 (2017-04)
ICS: 35.200, 33.060.01

The scope of the present document is to define the Radio Programming Interface (RPI) for mobile device reconfiguration. The work is based on the Use Cases defined in ETSI TR 102 944 [i.1], on the system requirements
defined in ETSI EN 302 969 [1] and on the radio reconfiguration related architecture for mobile devices defined in ETSI EN 303 095 [i.2]. Furthermore, the present document complements the mobile device information models and protocols related to the Multiradio Interface ETSI EN 303 146-1 [i.3], to the Reconfigurable Radio Frequency Interface ETSI EN 303 146-2 [i.4] and to the Unified Radio Application Interface ETSI EN 303 146-3 [i.5].

SIST EN 60793-1-1:2017 SIST EN 60793-1-1:2008
2017-06 (po) (en) 15 str. (D)
Optična vlakna - 1-1. del: Metode merjenja in preskusni postopki - Splošno in smernice (IEC 60793-1-1:2017)
Optical fibres - Part 1-1: Measurement methods and test procedures - General and guidance (IEC 60793-1-1:2017)
Osnova: EN 60793-1-1:2017
ICS: 33.180.10

This part of IEC 60793 lists and gives guidance on the use of documents giving the uniform requirements for measuring and testing optical fibres, thereby assisting in the inspection of fibres and cables for commercial (mostly telecommunications) purposes.
The individual measurement and test methods are contained in the different parts of the IEC 60793 series. They are identified as IEC 60793-1-X, where "X" is an assigned sub-part number, indicating its affiliation to the IEC 60793-1 series.
In general, measurements and tests methods apply to all class A multimode fibres and class B and class C single-mode optical fibres covered by IEC 60793-2 (all parts) relating to product specifications, although there can be exceptions. Clause 1 of each part of the IEC 60793 series contains the scope for each particular attribute.

SIST/TC MOV Merilna oprema za elektromagnetne veličine

SIST EN 61010-2-012:2017
2017-06 (po) (en;fr;de) 89 str. (M)
Varnostne zahteve za električno opremo za meritve, nadzor in laboratorijsko uporabo - 2-012. del: Posebne zahteve za opremo za klimatska in okoljska preskušanja ter drugo opremo za uravnavanje temperature (IEC 61010-2-012:2016)
Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-012: Particular requirements for climatic and environmental testing and other temperature conditioning equipment (IEC 61010-2-012:2016)
Osnova: EN 61010-2-012:2016
ICS: 19.040, 71.040.10, 19.080

Ta publikacija skupinske varnosti se uporablja predvsem kot standard o varnosti izdelka za izdelke, ki so omenjeni v okviru publikacije, vendar je namenjena tudi tehničnim odborom pri pripravi publikacij za izdelke, ki so podobni izdelkom, omenjenim v okviru tega standarda, skladno z načeli vodil IEC 104 in ISO/IEC 51
2. del standarda IEC 61010 določa varnostne zahteve za električno opremo in njene dodatke v kategorijah od a) do c), kadar so namenjeni uporabi z opremo z eno ali več spodaj navedenimi lastnostmi:
– HLADILNIM SISTEMOM, ki ga upravlja ali nanj vpliva vgrajena grelna funkcija tako, da skupni grelno-hladilni sistem ustvarja dodatne in/ali večje NEVARNOSTI, kot če bi bila sistema neodvisna;
– materiali, ki se obdelujejo pri namenski uporabi, vpeljejo znatno količino toplote v HLADILNI SISTEM, tako da hladilni sistem pri taki uporabi ustvarja dodatne in/ali večje NEVARNOSTI, kot če bi deloval le pri največji NAZIVNI temperaturi;
– funkcijo obsevanja obdelovanih materialov, ki predstavlja dodatne NEVARNOSTI;

– funkcijo, ki obdelovane materiale izpostavlja prekomerni vlažnosti, ogljikovemu dioksidu, slani megli ali drugim snovem, ki lahko povzročijo dodatne NEVARNOSTI;
– funkcijo MEHANSKEGA GIBANJA, ki predstavlja dodatne NEVARNOSTI;
– določbo, ki UPRAVLJAVCU dovoljuje, da vstopi na območje delovanja, da naloži ali razloži obdelovane materiale.

SIST/TC NAD Naftni proizvodi, maziva in sorodni proizvodi

SIST EN 16900:2017
2017-06 (po) (en;fr;de) 22 str. (F)
Bioolja, pridobljena s hitro pirolizo, za industrijske kotle - Zahteve in preskusne metode
Fast pyrolysis bio-oils for industrial boilers - Requirements and test methods
Osnova: EN 16900:2017
ICS: 75.160.40

This European Standard specifies requirements and test methods for marketed and delivered fuel derived from fast pyrolysis oil processes. It is applicable to fast pyrolysis oils for use in industrial boilers and related heat or electricity producing equipment. It is intended as an alternative to or blending component in heavy or light fuel oil used for similar purposes.

SIST EN ISO 6246:2017 SIST EN ISO 6246:1998
2017-06 (po) (en;fr;de) 18 str. (E)
Naftni proizvodi - Vsebnost smolnega ostanka v lahkih in srednjih destilatnih gorivih - Metoda s prepihavanjem (ISO 6246:2017)
Petroleum products - Gum content of light and middle distillate fuels - Jet evaporation method (ISO 6246:2017)
Osnova: EN ISO 6246:2017
ICS: 75.160.20

This document specifies a method for determining the existent gum content of aviation fuels and the gum content of motor gasoline or other volatile distillates. It includes the determination of products containing ethanol (up to a volume fraction of 85 %) and ether-type oxygenates and deposit control additives.
For determination of gum content in automotive ethanol (E85) fuel, no precision data is available (see 14.1).
For non-aviation fuels, a procedure for the determination of the heptane-insoluble portion of the residue is also described.
CAUTION — This method is not intended for the testing of gasoline components, particularly those with a high percentage of low-boiling unsaturated compounds, as they can cause explosions during evaporation.

SIST/TC OVP Osebna varovalna oprema

SIST EN 16689:2017
2017-06 (po) (en;fr;de) 26 str. (F)
Zaščitna obleka za gasilce - Zahtevane lastnosti za varovalno oblačilo za tehnično reševanje
Protective clothing for firefighters - Performance requirements for protective clothing for technical rescue
Osnova: EN 16689:2017
ICS: 13.220.10, 13.340.10

This European Standard specifies minimum levels of performance requirements for protective clothing to be worn by firefighters during technical rescue operations.This European Standard covers the general clothing design, the minimum performance levels of the materials used, the

methods of test to be used to determine these performance levels, and marking and information supplied by the manufacturer. The required performance levels may be achieved by the use of one or more garments. The levels of thermal and other protection specified by this standard may not be sufficient to provide the type and levels of protection required for certain risks encountered fighting fires in buildings and other structures, rescue from fire in buildings and other structures, dealing with hazardous chemicals etc. This European Standard does not cover protection for the head, hands and feet or protection against other hazards e.g. biological, radiological and electrical hazards. These aspects may be covered in other European Standards.

SIST/TC PCV Polimerne cevi, fitingi in ventili

SIST-TS CEN/TS 1453-2:2017 SIST ENV 1453-2:2001
2017-06 (po) (en;fr;de) 19 str. (E)
Cevni sistemi iz polimernih materialov s strukturirano steno cevi za nizko- in visokotemperaturne odvodne sisteme v stavbah - Nemehčan polivinilklorid (PVC-U) - 2. del: Navodilo za ugotavljanje skladnosti
Plastics piping systems with structured wall pipes for soil and waste discharge (low and high temperature) inside buildings - Unplasticized poly(vinyl chloride) (PVC-U) - Part 2: Guidance for the assessment of conformity
Osnova: **CEN/TS 1453-2:2017**
ICS: **91.140.80, 23.040.01**

This Technical Specification gives guidance for the assessment of conformity of formulations, products and assemblies in accordance with FprEN 1453 1:2016 intended to be included in the manufacturer's quality plan as part of the quality management system and for the establishment of certification procedures.
It is recommended that the quality management system conforms to or is no less stringent than the relevant requirements to EN ISO 9001 [1].
If certification is involved, it is recommended that the certification body is preferably compliant with EN ISO/IEC 17065 [5] or EN ISO/IEC 17021 [3], as applicable.
In order to help the reader, a basic test matrix is given in Annex A, Table A.1.
In conjunction with FprEN 1453 1:2016, this document is applicable to piping systems made of unplasticized poly(vinyl chloride) (PVC-U) intended to be used for the following purposes:
- for soil and waste discharge systems (low and high temperature) inside buildings (application area code "B");
This is reflected in the marking of products by "B".

SIST/TC POZ Požarna varnost

SIST EN 12101-2:2017 SIST EN 12101-2:2003
2017-06 (po) (en;fr;de) 88 str. (M)
Sistemi za nadzor dima in toplote - 2. del: Odvod dima in toplote z naravnim prezračevanjem
Smoke and heat control systems - Part 2: Natural smoke and heat exhaust ventilators
Osnova: **EN 12101-2:2017**
ICS: **91.140.30, 13.220.20**

This European Standard applies to natural smoke and heat exhaust ventilators (NSHEV) operating as part of smoke and heat exhaust systems (NSHEVS), placed on the market. This standard specifies requirements and gives test methods for natural smoke and heat exhaust ventilators which are intended to be installed in smoke and heat control systems in buildings.

SIST/TC PSE Procesni sistemi v energetiki

SIST EN 61970-301:2017 SIST EN 61970-301:2014
2017-06 (po) (en) 458 str. (2B)
Aplikacijski programski vmesnik za sistem upravljanja z energijo (EMS-API) - 301. del: Osnova skupnega informacijskega modela (CIM)
Energy management system application program interface (EMS-API) - Part 301: Common information model (CIM) base
Osnova: EN 61970-301:2017
ICS: 35.200, 29.240.30

IEC 61970-301:2013 defines the Common Information Model (CIM), that is an abstract model representing all the major objects in an electric utility enterprise typically involved in utility operations. By providing a standard way of representing power system resources as object classes and attributes, along with their relationships, the CIM facilitates the integration of Energy Management System (EMS) applications developed independently by different vendors, between entire EMS systems developed independently, or between an EMS system and other systems concerned with different aspects of power system operations, such as generation or distribution management. SCADA is modeled to the extent necessary to support power system simulation and inter-control center communication. The CIM facilitates integration by defining a common language (i.e. semantics) based on the CIM to enable these applications or systems to access public data and exchange information independent of how such information is represented internally. Major changes from the fourth edition include the following: - transformer models have been modified to be consistent for use by distribution and transmission purposes; - a more general and clear naming approach was added and several ambiguous attributes related to naming were dropped; - phase component wires models have been enhanced to describe internal phase specific attributes and connections; - addition of diagram layout models to facilitate the exchange of diagram layout information.

SIST/TC SPN Storitve in protokoli v omrežjih

SIST EN 303 423 V1.1.1:2017
2017-06 (po) (en) 32 str. (G)
Okoljski inženiring (EE) - Električna in elektronska gospodinjska in pisarniška oprema - Meritve porabe energije povezovalne opreme v omrežni pripravljenosti - Harmonizirani standard, ki obravnava merilno metodo po Uredbi ES 1275/2008, dopolnjeni z Uredbo EU 801/2013
Environmental Engineering (EE) - Electrical and electronic household and office equipment - Measurement of networked standby power consumption of Interconnecting equipment - Harmonised Standard covering the measurement method for EC Regulation 1275/2008 amended by EU Regulation 801/2013
Osnova: ETSI EN 303 423 V1.1.1 (2017-04)
ICS: 35.260, 27.015, 19.040

The present document specifies methods of measurement of electrical power consumption in networked standby and the reporting of the results for network interconnecting equipment.
Example of interconnecting equipment are in Annex B.
Power consumption in standby (other than networked standby) is covered by CENELEC EN 50564 [1], including the input voltage range.
The present document also provides a method to test power management and whether it is possible to deactivate wireless network connection(s).
The present document applies to electrical products with a rated input voltage of 230 V a.c. for single phase products and 400 V a.c. for three phase products.
The present document is produced under the mandate M/544 and can be used to demonstrate compliance to the EU regulation 801/2013 [i.2].
NOTE 1: The EU regulation 801/2013 [i.2] applies to equipment designed for use with a nominal voltage rating of 250 V and below.

NOTE 2: EU regulation 801/2013 [i.2] does not apply to electrical and electronic household and office equipment placed on the market with a low voltage external power supply to work as intended.
NOTE 3: "Low voltage external power supply" is the definition provided in EU regulation 278/2009 [i.3].
NOTE 4: The measurement of energy consumption and performance of equipment during intended use are generally specified in product standards and are not covered by the present document.
NOTE 5: Where the present document is referenced by more specific standards or procedures, these should define and name the relevant conditions to which this test procedure is applied.

SIST/TC SPO Šport

SIST EN 566:2017 SIST EN 566:2007
2017-06 (po) (en;fr;de) 11 str. (C)
Gorniška oprema - Zanke - Varnostne zahteve in preskusne metode
Mountaineering equipment - Slings- Safety requirements and test methods
Osnova: EN 566:2017
ICS: 97.220.40

This European Standard specifies safety requirements and test methods for slings used for mountaineering including climbing.

SIST/TC STV Steklo, svetloba in razsvetljava v gradbeništvu

SIST EN 15681-2:2017
2017-06 (po) (en;fr;de) 31 str. (G)
Steklo v gradbeništvu - Osnovni proizvodi iz alumosilikatnega stekla - 2. del: Standard za proizvod
Glass in Building - Basic alumino silicate glass products - Part 2: Product standard
Osnova: EN 15681-2:2017
ICS: 81.040.20

This European Standard covers the evaluation of conformity and the factory production control of basic alumino silicate glass products 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 TOP Toplota

SIST EN 16783:2017
2017-06 (po) (en;fr;de) 18 str. (E)
Toplotnoizolacijski proizvodi - Pravila za kategorije proizvodov za proizvode, izdelane v obratu in na mestu vgradnje, za pripravo okoljskih deklaracij za proizvode
Thermal insulation products - Product category rules (PCR) for factory made and in-situ formed products for preparing environmental product declarations
Osnova: EN 16783:2017
ICS: 91.120.10

This European Standard provides the product category rules (PCR) for Type III environmental declarations (according to EN 15804) for factory made and in situ thermal insulation products.
In addition to EN 15804, the PCR described in this European Standard:
- specifies the declared unit to be used;
- defines the default system boundaries for thermal insulation products;

- specifies/describes the default scenarios and rules for defining scenarios for each of the life cycle information modules A-D. (provides guidance for the determination of the reference service life (RSL) for thermal insulation products) ;
- specifies the way of declaring and reporting in the context of the product Standard.
This PCR is intended to be used for cradle to gate, cradle to gate with options or cradle to grave assessment, provided the intention is properly stated in the system boundary description.

SIST/TC VAZ Varovanje zdravja

SIST EN ISO 11138-1:2017 SIST EN ISO 11138-1:2006
2017-06 (po) (en) 50 str. (I)
Sterilizacija izdelkov za zdravstveno nego - Biološki indikatorji - 1. del: Splošne zahteve (ISO 11138-1:2017)
Sterilization of health care products - Biological indicators - Part 1: General requirements (ISO 11138-1:2017)
Osnova: EN ISO 11138-1:2017
ICS: 11.080.01

This document specifies general requirements for production, labelling, test methods and performance characteristics of biological indicators, including inoculated carriers and suspensions, and their components, to be used in the validation and routine monitoring of sterilization processes.
This document specifies basic and common requirements that are applicable to all parts of ISO 11138.
Requirements for biological indicators for particular specified processes are provided in the relevant parts of ISO 11138. If no specific subsequent part is provided, this document applies.
NOTE National or regional regulations can apply.
This document does not apply to microbiological test systems for processes that rely on physical removal of microorganisms, e.g. filtration processes or processes that combine physical and/or mechanical removal with microbiological inactivation, such as use of washer disinfectors or flushing and steaming of pipelines. This document, however, can contain elements relevant to such microbiological test systems.

SIST EN ISO 11138-2:2017 SIST EN ISO 11138-2:2009
2017-06 (po) (en) 15 str. (D)
Sterilizacija izdelkov za zdravstveno nego - Biološki indikatorji - 2. del: Biološki indikatorji za sterilizacijske postopke z etilenoksidom (ISO 11138-2:2017)
Sterilization of health care products - Biological indicators - Part 2: Biological indicators for ethylene oxide sterilization processes (ISO 11138-2:2017)
Osnova: EN ISO 11138-2:2017
ICS: 11.080.01

This document specifies requirements for test organisms, suspensions, inoculated carriers, biological indicators and test methods intended for use in assessing the performance of sterilizers and sterilization processes employing ethylene oxide gas as the sterilizing agent, either as pure ethylene oxide gas or mixtures of this gas with diluent gases, at sterilizing temperatures within the range of 29 °C to 65 °C.
NOTE 1 Requirements for validation and control of ethylene oxide sterilization processes are provided by ISO 11135 and ISO 14937.
NOTE 2 National or regional regulations can provide requirements for work place safety.

SIST EN ISO 11138-3:2017 SIST EN ISO 11138-3:2009
2017-06 (po) (en) 16 str. (D)
Sterilizacija izdelkov za zdravstveno nego - Biološki indikatorji - 3. del: Biološki indikatorji za sterilizacijske postopke z vlažno toploto (ISO 11138-3:2017)
Sterilization of health care products - Biological indicators - Part 3: Biological indicators for moist heat sterilization processes (ISO 11138-3:2017)
Osnova: **EN ISO 11138-3:2017**
ICS: **11.080.01**

This document specifies requirements for test organisms, suspensions, inoculated carriers, biological indicators and test methods intended for use in assessing the performance of sterilization processes employing moist heat as the sterilizing agent.
NOTE 1 Requirements for validation and control of moist heat sterilization processes are provided by the ISO 17665 series.
NOTE 2 National or regional regulations can provide requirements for work place safety.

SIST EN ISO 11138-4:2017 SIST EN ISO 11138-4:2006
2017-06 (po) (en) 16 str. (D)
Sterilizacija izdelkov za zdravstveno nego - Biološki indikatorji - 4. del: Biološki indikatorji za sterilizacijske postopke s suho toploto (ISO 11138-4:2017)
Sterilization of health care products - Biological indicators - Part 4: Biological indicators for dry heat sterilization processes (ISO 11138-4:2017)
Osnova: **EN ISO 11138-4:2017**
ICS: **11.080.01**

This document specifies requirements for test organisms, suspensions, inoculated carriers, biological indicators and test methods intended for use in assessing the performance of sterilization processes employing dry heat as the sterilizing agent at sterilizing temperatures within the range of 120 °C to 180 °C.
NOTE 1 Requirements for validation and control of dry heat sterilization processes are provided by ISO 20857.
NOTE 2 Requirements for work place safety can be provided by national or regional regulations.

SIST EN ISO 11138-5:2017 SIST EN ISO 11138-5:2006
2017-06 (po) (en) 15 str. (D)
Sterilizacija izdelkov za zdravstveno nego - Biološki indikatorji - 5. del: Biološki indikatorji za sterilizacijske postopke s paro nizke temperature in formaldehidom (ISO 11138-5:2017)
Sterilization of health care products - Biological indicators - Part 5: Biological indicators for low-temperature steam and formaldehyde sterilization processes (ISO 11138-5:2017)
Osnova: **EN ISO 11138-5:2017**
ICS: **11.080.01**

This document specifies requirements for test organisms, suspensions, inoculated carriers, biological ndicators and test methods intended for use in assessing the performance of sterilization processes employing low-temperature steam and formaldehyde as the sterilizing agent.
NOTE 1 Requirements for validation and control of low-temperature steam and formaldehyde sterilization processes are provided by ISO 14937.
NOTE 2 Requirements for work place safety can be provided by national or regional regulations.

SIST/TC VZK Vodenje in zagotavljanje kakovosti

SIST ISO 10007:2017 SIST ISO 10007:2004
2017-06 (po) (en;fr) 15 str. (D)
Sistemi vodenja kakovosti - Smernice za vodenje konfiguracij
Quality management systems - Guidelines for configuration management
Osnova: ISO 10007:2017
ICS: 03.100.70, 03.120.10

This document provides guidance on the use of configuration management within an organization. It is applicable to the support of products and services from concept to disposal.

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

SIST EN 60317-67:2017
2017-06 (po) (en) 13 str. (D)
Specifikacije za posebne vrste navijalnih žic - 67. del: Aluminijasta žica s pravokotnim prerezom, emajlirana s polivinil acetalom, razred 105 (IEC 60317-67:2017)
Specifications for particular types of winding wires - Part 67: Polyvinyl acetal enamelled rectangular aluminium wire, class 105 (IEC 60317-67:2017)
Osnova: EN 60317-67:2017
ICS: 77.150.10, 29.060.10

This part of IEC 60317 specifies the requirements of enamelled rectangular aluminium winding wire of class 105 with a sole coating based on polyvinyl acetal resin, which may be modified providing it retains the chemical identity of the original resin and meets all specified wire requirements. NOTE A modified resin is a resin that has undergone a chemical change, or contains one or more additives to enhance certain performance of application characteristics.
Wires of grade 1 and grade 2 are included in this part of IEC 60317 and apply to the complete range of conductors.
The specified combinations of width and thickness as well as the specific ratio width/thickness are given in IEC 60317-0-9.

SIST EN 60317-68:2017
2017-06 (po) (en) 13 str. (D)
Specifikacije za posebne vrste navijalnih žic - 68. del: Aluminijasta žica s pravokotnim prerezom, emajlirana s polivinil acetalom, razred 120 (IEC 60317-68:2017)
Specifications for particular types of winding wires - Part 68: Polyvinyl acetal enamelled rectangular aluminium wire, class 120 (IEC 60317-68:2017)
Osnova: EN 60317-68:2017
ICS: 77.150.10, 29.060.10

This part of IEC 60317 specifies the requirements of enamelled rectangular aluminium winding wire of class 120 with a sole coating based on polyvinyl acetal resin, which may be modified providing it retains the chemical identity of the original resin and meets all specified wire requirements.
NOTE A modified resin is a resin that has undergone a chemical change, or contains one or more additives to enhance certain performance of application characteristics.
Wires of grade 1 and grade 2 are included in this part of IEC 60317 and apply to the complete range of conductors.
The specified combinations of width and thickness as well as the specific ratio width/thickness are given in IEC 60317-0-9.

SIST EN 60317-69:2017
2017-06 (po) (en) 12 str. (C)
Specifikacije za posebne vrste navijalnih žic - 69. del: Aluminijasta žica s pravokotnim prerezom, emajlirana s poliamidimidom, prekrita s poliestrom ali poliesterimidom, razred 220 (IEC 60317-69:2017)
Specifications for particular types of winding wires - Part 69: Polyester or polyesterimide overcoated with polyamide-imide enamelled rectangular aluminium wire, class 220 (IEC 60317-69:2017)
Osnova: **EN 60317-69:2017**
ICS: **77.150.10, 29.060.10**

Wires of grade 1 and grade 2 are included in this part of IEC 60317 and apply to the complete range of conductors.
The specified combinations of width and thickness as well as the specific ratio width/thickness are given in IEC 60317-0-9.

SIST EN 62281:2017 SIST EN 62281:2013
2017-06 (po) (en) 30 str. (G)
Varnost primarnih in sekundarnih litijevih členov in baterij med transportom (IEC 62281:2016)
Safety of primary and secondary lithium cells and batteries during transport (IEC 62281:2016)
Osnova: **EN 62281:2017**
ICS: **29.220.10**

This International Standard specifies test methods and requirements for primary and secondary (rechargeable) lithium cells and batteries to ensure their safety during transport other than for recycling or disposal. Requirements specified in this standard do not apply in those cases where special provisions given in the relevant regulations, listed in 7.3, provide exemptions.
NOTE Different standards may apply for lithium-ion traction battery systems used for electrically propelled road vehicles.

SIST EN 60404-8-6:2017 SIST EN 60404-8-6:2009
2017-06 (po) (en) 24 str. (F)
Magnetni materiali - 8-6. del: Specifikacije za posamezne materiale - Mehkomagnetni kovinski material (IEC 60404-8-6:2016)
Magnetic materials - Part 8-6: Specifications for individual materials - Soft magnetic metallic materials (IEC 60404-8-6:2016)
Osnova: **EN 60404-8-6:2017**
ICS: **29.030**

This part of IEC 60404 specifies the general requirements, magnetic properties, geometric characteristics and tolerances as well as inspection procedures for pure iron, silicon-iron, nickel-iron and cobalt-iron. The materials are in the form of bar, billet, sheet, strip or wire. The alloys covered correspond to those defined by classes A, C1, C2, E1 to E4 and F1 to F3 in IEC 60404-1.
Magnetic materials used primarily for relays, iron and steel products, classified only by coercivity, are covered in IEC 60404-8-10. IEC 60404-8-10 is less restrictive in terms of magnetic properties than the irons (class A) and the silicon steels (classes C21 and C22) specified in this standard, but it gives more comprehensive dimensional tolerances.
Non-oriented and oriented silicon steels (C21 and C22) for industrial power frequency applications, classified by specific total loss, are covered in IEC 60404-8-3, IEC 60404-8-4 and IEC 60404-8-7.
Non-oriented and oriented thin magnetic materials for use at medium frequencies, classified by specific total loss, are covered in IEC 60404-8-8.

SIST EN 60444-8:2017 SIST EN 60444-8:2004
2017-06 (po) (en) 18 str. (E)
Merjenje parametrov kvarčnih kristalov - 8. del: Preskusna pritrditev za enoto kvarčnih kristalov za površinsko montažo (IEC 60444-8:2016)
Measurement of quartz crystal unit parameters - Part 8 : Test fixture for surface mounted quartz crystal units (IEC 60444-8:2016)
Osnova: EN 60444-8:2017
ICS: 31.140

This part of IEC 60444 describes test fixtures suitable for leadless surface mounted quartz crystal units in enclosures as defined in IEC 61837 (all parts). These fixtures allow the measurement of (series) resonance frequency, (series) resonance resistance, and equivalent electrical circuit parameters L_1, C_1 and C_0 using the measurement techniques specified in IEC 60444-5 and for the determination of load resonance frequency and load resonance resistance according to IEC TR 60444-4 and IEC 60444-11. Two test fixtures are described in this document:
1) A fixture using the π-network circuit with electrical values as described in IEC 60444-1 for measurements in transmission mode up to 500 MHz. This fixture includes optional means to add physical load capacitors for the measurement of load resonance parameters up to 30 MHz in accordance with IEC 60444-4. The range of load capacitance is 10 pF or more. Calibration of the measurement system and C_L adapter board is explained hereinafter. 2) A fixture based on the reflection method, suitable for a frequency range up to 1 200 MHz. No provisions for adding a physical load capacitance are anticipated. Load resonance parameters can be measured by using the method of IEC 60444-11.

SIST EN 61587-1:2017 SIST EN 61587-1:2012
2017-06 (po) (en) 48 str. (I)
Mehanske strukture za električno in elektronsko opremo - Preskušanje za seriji IEC 60917 in IEC 60297 - 1. del: Okoljevarstvene zahteve in preskusi, varnostni vidiki za ohišja, stojala, okvire in ogrodja v notranjih pogojih (IEC 61587-1:2016)
Mechanical structures for electrical and electronic equipment - Tests for IEC 60917 and IEC 60297 series - Part 1: Environmental requirements, test set-up and safety aspects for cabinets, racks,subracks and chassis under indoor conditions (IEC 61587-1:2016)
Osnova: EN 61587-1:2017
ICS: 31.240
This part of IEC 61587 specifies environmental requirements, test set-up, as well as safety aspects for empty enclosures, i.e., cabinets, racks, subracks, chassis with an integrated subrack, and associated plug-in units under indoor condition use and transportation.
The purpose of this standard is to establish defined levels of physical performance in order to meet certain requirements of storage, transport and final location conditions. It applies in whole or part only to the mechanical structures of cabinets, racks, subracks, chassis with an integrated subrack, and associated plug-in units, but it does not apply to electronic equipment.

SIST EN 61800-5-1:2008/A1:2017
2017-06 (po) (en) 15 str. (D)
Električni pogonski sistemi z nastavljivo hitrostjo - 5-1. del: Varnostne zahteve - Električne, toplotne in energijske - Dopolnilo A1 (IEC 61800-5-1:2007/A1:2016)
Adjustable speed electrical power drive systems - Part 5-1: Safety requirements - Electrical, thermal and energy (IEC 61800-5-1:2007/A1:2016)
Osnova: EN 61800-5-1:2007/A1:2017
ICS: 29.200, 29.160.30

SIST EN 61800-5-2:2017 SIST EN 61800-5-2:2008
2017-06 (po) (en) 88 str. (M)
Električni pogonski sistemi z nastavljivo hitrostjo - 5-2. del: Varnostne zahteve - Funkcijske (IEC 61800-5-2:2016)
Adjustable speed electrical power drive systems - Part 5-2: Safety requirements - Functional (IEC 61800-5-2:2016)
Osnova: EN 61800-5-2:2017
ICS: 29.200, 13.110

This part of IEC 61800, which is a product standard, specifies requirements and makes recommendations for the design and development, integration and validation of safety related power drive systems (PDS(SR)) in terms of their functional safety considerations. It applies to adjustable speed electrical power drive systems covered by the other parts of the IEC 61800 series of standards as referred in IEC 61800-2.
NOTE 1 The term “integration” refers to the PDS(SR) itself, not to its incorporation into the safety-related application.
NOTE 2 Other parts of IEC 61800 cover rating specifications, EMC, electrical safety, etc. This International Standard is applicable where functional safety of a PDS(SR) is claimed and the PDS(SR) is operating mainly in the high demand or continuous mode (see 3.15) While low demand mode operation is possible for a PDS(SR), this standard concentrates on high demand and continuous mode. Safety sub-functions implemented for high demand or continuous mode can also be used in low demand mode. Requirements for low demand mode are given in IEC 61508 series. Some guidance for the estimation of average probability of dangerous failure on demand (PFDavg) value is provided in Annex F.
This part of IEC 61800 sets out safety-related considerations of PDS(SR)s in terms of the framework of IEC 61508, and introduces requirements for PDS(SR)s as subsystems of a safety-related system. It is intended to facilitate the realisation of the electrical/ electronic/ programmable electronic (E/E/PE) parts of a PDS(SR) in relation to the safety performance of safety sub-function(s) of a PDS.
Manufacturers and suppliers of PDS(SR)s by using the normative requirements of this part of IEC 61800 will indicate to users (system integrator, original equipment manufacturer) the safety performance for their equipment. This will facilitate the incorporation of a PDS(SR) into a safety-related control system using the principles of IEC 61508, and possibly its specific sector implementations (for example IEC 61511, IEC 61513, IEC 62061 or ISO 13849).
By applying the requirements from this part of the IEC 61800 series, the corresponding requirements of IEC 61508 that are necessary for a PDS(SR) are fulfilled.
This part of IEC 61800 does not specify requirements for:
- the hazard and risk analysis of a particular application;
- the identification of safety sub-functions for that application;
- the initial allocation of SILs to those safety sub-functions;
- the driven equipment except for interface arrangements;
- secondary hazards (for example from failure in a production or manufacturing process);
- the electrical, thermal and energy safety considerations, which are covered in +IEC 61800-5-1;
- the PDS(SR) manufacturing process;
- the validity of signals and commands to the PDS(SR).
- security aspects (e.g. cyber security or PDS(SR) security of access)

NOTE 3 The functional safety requirements of a PDS(SR) are dependent on the application, and can be considered as a part of the overall risk assessment of the installation. Where the supplier of the PDS(SR) is not responsible for the driven equipment, the installation designer is responsible for the risk assessment, and for specifying the functional and safety integrity requirements of the PDS(SR). This part of IEC 61800 only applies to PDS(SR)s implementing safety sub-functions with a SIL not greater than SIL 3.
Figure 1 shows the installation and the functional parts of a PDS(SR) that are considered in this part of IEC 61800 and shows a logical representation of a PDS(SR) rather than its physical description.

SIST EN 62435-1:2017
2017-06 (po) (en) 35 str. (H)
Elektronske komponente - Dolgoročno skladiščenje elektronskih polprevodniških elementov - 1. del: Splošno (IEC 62435-1:2017)
Electronic components - Long-term storage of electronic semiconductor devices - Part 1: General (IEC 62435-1:2017)
Osnova: **EN 62435-1:2017**
ICS: **31.080.01**

This part of IEC 62435 on long-term-storage covers the terms, definitions and principles of long-term-storage that can be used in as an obsolescence mitigation strategy. Long-term storage refers to a duration that can be more than 12 months for products scheduled for long duration storage. Philosophy, good working practice, and general means to facilitate the successful long-term-storage of electronic components are also addressed.

SIST EN 62435-2:2017
2017-06 (po) (en) 21 str. (F)
Elektronske komponente - Dolgoročno skladiščenje elektronskih polprevodniških elementov - 2. del: Mehanizmi slabšanja (IEC 62435-2:2017)
Electronic components - Long-term storage of electronic semiconductor devices - Part 2 - Deterioration Mechanisms (IEC 62435-2:2017)
Osnova: **EN 62435-2:2017**
ICS: **31.080.01**

This part of IEC 62435 is related to deterioration mechanisms and is concerned with the way that components degrade over time depending on the storage conditions applied. This part also includes guidance on test methods that may be used to assess generic deterioration mechanisms. Typically, this part is used in conjunction with IEC 62435-1 for any device longterm storage whose duration may be more than 12 months for product scheduled for long duration storage. Mechanisms that apply to specific component types are detailed in IEC 62435-5 to IEC 62435-9 (proposed)1.

SIST EN 62435-5:2017
2017-06 (po) (en) 23 str. (F)
Elektronske komponente - Dolgoročno skladiščenje elektronskih polprevodniških elementov - 5. del: Elementi na čipih in rezinah (IEC 62435-5:2017)
Electronic components - Long-term storage of electronic semiconductor devices - Part 5: Die and wafer devices (IEC 62435-5:2017)
Osnova: **EN 62435-5:2017**
ICS: **31.080.01**

This part of IEC 62435, is applicable to long-term storage of die and wafer devices and establishes specific storage regimen and conditions for singulated bare die and partial or complete wafers of die including die with added structures such as redistribution layers and solder balls or bumps or other metallisation. This part also provides guidelines for special requirements and primary packaging that contain the die or wafers for handling purposes. Typically, this part is used in conjunction with IEC 62435-1 for long-term storage of devices whose duration can be more than 12 months for products scheduled for long duration storage.

SIST EN 62830-2:2017
2017-06 (po) (en) 17 str. (E)
Polprevodniški elementi - Polprevodniške naprave za zajemanje in proizvajanje energije - 2. del: Toplotna moč, ki temelji na zajemanju termoelektrične energije (IEC 62830-2:2017)
Semiconductor devices - Semiconductor devices for energy harvesting and generation - Part 2: Thermo power based thermoelectric energy harvesting (IEC 62830-2:2017)
Osnova: EN 62830-2:2017
ICS: 31.080.01

This part of IEC 62830 describes procedures and definitions for measuring the thermo power of thin films used in micro-scale thermoelectric energy generators, micro heaters and micro coolers. This part of IEC 62830 specifies the methods of tests and the characteristic parameters of the thermoelectric properties of wire, bulk and thin films which have a thickness of less than 5 μm and energy harvesting devices that have thermoelectric thin films, in order to accurately evaluate their performance and practical uses. This part of IEC 62830 is applicable to energy harvesting devices for consumer, general industries, military and aerospace applications without any limitations of device technology and size.

SIST EN 62830-2:2017/AC:2017
2017-06 (po) (en) 1 str. (AC)
Polprevodniški elementi - Polprevodniške naprave za zajemanje in proizvajanje energije - 2. del: Toplotna moč, ki temelji na zajemanju termoelektrične energije - Popravek AC
Semiconductor devices - Semiconductor devices for energy harvesting and generation - Part 2: Thermo power based thermoelectric energy harvesting
Osnova: EN 62830-2:2017/AC:2017-04
ICS: 31.080.01

Popravek k standardu SIST EN 62830-2:2017.
This part of IEC 62830 describes procedures and definitions for measuring the thermo power of thin films used in micro-scale thermoelectric energy generators, micro heaters and micro coolers. This part of IEC 62830 specifies the methods of tests and the characteristic parameters of the thermoelectric properties of wire, bulk and thin films which have a thickness of less than 5 μm and energy harvesting devices that have thermoelectric thin films, in order to accurately evaluate their performance and practical uses. This part of IEC 62830 is applicable to energy harvesting devices for consumer, general industries, military and aerospace applications without any limitations of device technology and size.

SS SPL Strokovni svet SIST za splošno področje

SIST EN 16640:2017 SIST-TS CEN/TS 16640:2014
2017-06 (po) (en;fr;de) 33 str. (H)
Bioizdelki - Delež biogljika - Ugotavljanje deleža biogljika z radiogljično metodo
Bio-based products - Bio-based carbon content - Determination of the bio-based carbon content using the radiocarbon method
Osnova: EN 16640:2017
ICS: 13.020.55, 71.040.40

This European Standard specifies a method for the determination of the bio-based carbon content in products, based on the 14C content measurement.
This European Standard also specifies three test methods to be used for the determination of the 14C content from which the bio-based carbon content is calculated:
- Method A: Liquid scintillation-counter method (LSC) (normative);
- Method B: Beta-ionization (BI) (informative);
- Method C: Accelerator mass spectrometry (AMS) (normative).

The bio-based carbon content is expressed by a fraction of sample mass or as a fraction of the total carbon content. This calculation method is applicable to any product containing carbon, including bio composites.
NOTE This European standard does not provide the methodology for the calculation of the biomass content of a sample see prEN 16785-1 [5] and prEN 16785-2 [6].

SIST EN 2311:2017 SIST EN 2311:2012
2017-06 (po) (en;fr;de) 28 str. (G)
Aeronavtika - Puše s samomazalno oblogo - Tehnična specifikacija
Aerospace series - Bushes with self-lubricating liner - Technical specification
Osnova: EN 2311:2017
ICS: 49.030.99

This document specifies the required characteristics, inspections and tests, quality assurance and qualification, acceptance and delivery conditions for bushes, designed to be subjected under load, to slow sliding movements, rotations and small oscillations only for aerospace applications.
This standard applies to all bushes when referred to in the respective product standards or in a design documentation.
The liner is designed to be used in the temperature range of −50 °C to 163 °C. Aluminium bushes are limited to −55 °C to 121 °C.

SIST EN 3375-011:2017 SIST EN 3375-011:2015
2017-06 (po) (en;fr;de) 13 str. (D)
Aeronavtika - Električni kabli za digitalni prenos podatkov - 011. del: Enojni oplet - Štirižilni zvezdasti kabel, 100 ohm - Lahki - Tip KL- Standard za proizvod
Aerospace series - Cable, electrical for digital data transmission - Part 011: Single braid - Star Quad 100 ohms - Light weight - Type KL - Product standard
Osnova: EN 3375-011:2017
ICS: 29.060.20, 49.060

This European Standard specifies the dimensions, tolerances, required characteristics and the mass of an AWG 24 shielded quad cable, type KL, intended for high speed (100 Mbit/s) full duplex Ethernet networks.
Linked to this particular application, the operating temperatures of the cable are between − 65 °C and 125 °C.
This cable is laser markable, this marking satisfies the requirements of EN 3838.
The characteristics impedance must be 100 Ω ± 15 Ω.

SIST EN 6059-301:2017
2017-06 (po) (en;fr;de) 4 str. (A)
Aeronavtika - Električni kabli, namestitev - Zaščitne obojke - Preskusne metode - 301. del: Izpostavljenost sončni svetlobi
Aerospace series - Electrical cables, installation - Protection sleeves - Test methods - Part 301: Sun light exposure
Osnova: EN 6059-301:2017
ICS: 29.060.20, 49.060

This European Standard specifies a method for the sun light exposure of protection sleeve for electrical cable and cable bundles for aerospace application. It shall be used together with EN 6059-100.

SIST EN 6059-302:2017
2017-06 (po) (en;fr;de) 4 str. (A)
Aeronavtika - Električni kabli, namestitev - Zaščitne obojke - Preskusne metode - 302. del: Izpostavljenost visoki temperaturi
Aerospace series - Electrical cables, installation - Protection sleeves - Test methods - Part 302: High temperature exposure
Osnova: EN 6059-302:2017
ICS: 29.060.20, 49.060

This European Standard specifies a method for the high temperature exposure of protection sleeve for electrical cable and cable bundles for aerospace application.
It shall be used together with EN 6059-100.

SIST EN 6059-304:2017
2017-06 (po) (en;fr;de) 8 str. (B)
Aeronavtika - Električni kabli, namestitev - Zaščitne obojke - Preskusne metode - 304. del: Gorljivost
Aerospace series - Electrical cables, installation - Protection sleeves - Test methods - Part 304: Flammability
Osnova: EN 6059-304:2017
ICS: 29.060.20, 49.060, 13.220.40

This European Standard specifies methods for determining the flammability characteristics of protective sleeves, including heat shrink dual wall sleeves, for electric cable and cable bundles. It shall be used together with EN 6059-100.
These tests are designed to satisfy the requirements in JAR-25 Section 1, Part 1, Appendix F.
There are two methods included in this standard:
Method 1 – Applicable for textile fabric sleeves.
Method 2 – Applicable non-textile sleeves for use on electrical/ optical cables and harness components.

SIST EN 6138:2017
2017-06 (po) (en;fr;de) 9 str. (C)
Aeronavtika - Pokrov, zaščita, nekovinska, za končno vgradnjo ≤ 3 000 PSI hidravlični sistemi
Aerospace series - Cap, protective, non-metallic for fitting ends ≤ 3 000 PSI hydraulic systems
Osnova: EN 6138:2017
ICS: 49.080

This European Standard specifies the dimensions, tolerances and required characteristics of protective caps to seal fluid ports during transportation and storage in order to prevent:
— contamination by moisture, fluids, chemicals and particles;
— spillage inside package or aircraft section;
— port and pipe end damages;
— port and pipe clogging due to plug ingestion.
Because of the cleanliness requirements, parts shall only be used once.

SIST EN ISO 11121:2017
2017-06 (po) (en) 19 str. (E)
Centri za rekreacijsko potapljanje - Zahteve uvodnega programa za potapljanje (ISO 11121:2017)
Recreational diving services - Requirements for introductory programmes to scuba diving (ISO 11121:2017)
Osnova: EN ISO 11121:2017
ICS: 03.200.99, 97.220.40, 03.080.99

This International Standard specifies minimum requirements for training organizations that offer introductory scuba experience training programmes to individuals without prior diver training.

This International Standard applies to programmes that include participants being taken into an open water environment. It does not apply to programmes that are exclusively conducted in a confined water environment (e.g. swimming pools).
This International Standard also specifies the conditions under which this service is to be provided, which supplement the general requirements for recreational diving services specified in ISO 24803.

SIST EN ISO 12617:2017
2017-06 (po) (en;fr;de) 22 str. (F)
Cestna vozila - Priključek za polnjenje utekočinjenega zemeljskega plina (LNG) - Priključek 3,1 MPa (ISO 12617:2015)
Road vehicles - Liquefied natural gas (LNG) refuelling connector - 3,1 MPa connector (ISO 12617:2015)
Osnova: EN ISO 12617:2017
ICS: 43.060.40

ISO 12617:2015 specifies liquefied natural gas (LNG) refuelling nozzles and receptacles constructed entirely of new and unused parts and materials for road vehicles powered by LNG. An LNG refuelling connector consists of, as applicable, the receptacle and its protective cap (mounted on the vehicle) and the nozzle. This International standard is applicable only to such devices designed for a maximum working pressure of 3,4 MPa (34 bar) to those using LNG as vehicle fuel and having standardized mating components.
NOTE All references to pressures given in megapascals and bar (1 bar = 0,1 MPa = 105 Pa; 1 MPa = 1 N/mm2) are to be considered gauge pressures, unless otherwise specified.

SIST EN ISO 24803:2017 SIST EN 14467:2004
2017-06 (po) (en) 21 str. (F)
Centri za rekreacijsko potapljanje - Zahteve za ponudnike storitev rekreacijskega potapljanja (ISO 24803:2017)
Recreational diving services - Requirements for recreational diving providers (ISO 24803:2017)
Osnova: EN ISO 24803:2017
ICS: 03.200.99, 97.220.40, 03.080.99

This European Standard specifies requirements for service providers in the field of recreational scuba diving.
It specifies three areas of service provision:
ľ training and education,
ľ organised and guided diving for certified divers,
ľ rental of diving equipment.
Service providers may offer one or more of these services. This European Standard specifies the nature and quality of the services to the client and applies only to contractual provision of those services.

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 SKA Stikalni in krmilni aparati

SIST-TP IEC/TR 61439-0:2016
2016-6 (pr) (sl) 62 str. (SK)
Sestavi nizkonapetostnih stikalnih in krmilnih naprav - 0. del: Navodila za specificiranje sestavov
Low-voltage switchgear and controlgear assemblies - Part 0: Guidance to specifying assemblies
Osnova: IEC/TR 61439-0:2013
ICS: 29.130.20
Datum prevoda: 2017-06

V skupini standardov IEC 61439, Sestavi nizkonapetostnih stikalnih in krmilnih naprav (SESTAVI), so zbrane sistemske in druge podrobnosti za uporabo, ki jih specificira uporabnik, da omogoči proizvajalcu izdelati SESTAV, ki bo izpolnjeval potrebe in pričakovanja uporabnika.
Ta del IEC 61439 je tehnično poročilo, ki z uporabnikove perspektive identificira tiste funkcije in karakteristike, ki so potrebne za specifikacijo SESTAVA. Zagotavlja:
– razlago karakteristik SESTAVA in možnosti v okviru skupine standardov IEC 61439,
– navodila, kako z uporabo funkcionalnega pristopa primerno izbrati in določiti karakteristike SESTAVA tako, da bodo ustrezale specifičnim potrebam uporabe, in
– pomoč pri specificiranju SESTAVOV.
Sklicevanje v tem tehničnem poročilu na karakteristike vmesnika SESTAVA in na zahteve, s katerimi so skladne, ustvarja domnevo, da je SESTAV konstruiran, izdelan in preverjen v skladu z ustreznim delom IEC 61439.

Razveljavitev slovenskih standardov

SIST/TC	Razveljavljeni dokument	Leto razveljavitve	Zamenjan z dokumentom
SIST/TC DPL	SIST EN ISO 14532:2005	2017-06	SIST EN ISO 14532:2017
SIST/TC DTN	SIST EN 12397:2005	2017-06	SIST EN 12397:2017
SIST/TC DTN	SIST EN 13796-1:2005	2017-06	SIST EN 13796-1:2017
SIST/TC DTN	SIST EN 13796-2:2005	2017-06	SIST EN 13796-2:2017
SIST/TC DTN	SIST EN 13796-3:2005	2017-06	SIST EN 13796-3:2017
SIST/TC ELI	SIST HD 384.7.753 S1:2003	2017-06	SIST HD 60364-7-753:2014

SIST/TC	Razveljavljeni dokument	Leto razveljavitve	Zamenjan z dokumentom
SIST/TC EMC	SIST EN 61000-4-5:2007	2017-06	SIST EN 61000-4-5:2014
SIST/TC FGA	SIST EN 60704-2-1:2002	2017-06	SIST EN 60704-2-1:2015
SIST/TC IBLP	SIST EN ISO 16773-4:2009	2017-06	SIST EN ISO 16773-4:2017
SIST/TC IBLP	SIST EN ISO 9227:2012	2017-06	SIST EN ISO 9227:2017
SIST/TC IFEK	SIST EN 10222-1:1998	2017-06	SIST EN 10222-1:2017
SIST/TC IFEK	SIST EN 10222-1:1998/A1:2003	2017-06	SIST EN 10222-1:2017
SIST/TC IFEK	SIST EN 10222-2:2000	2017-06	SIST EN 10222-2:2017
SIST/TC IFEK	SIST EN 10222-2:2000/AC:2004	2017-06	SIST EN 10222-2:2017
SIST/TC IFEK	SIST EN 10222-3:2000	2017-06	SIST EN 10222-3:2017
SIST/TC IFEK	SIST EN 10222-4:2000	2017-06	SIST EN 10222-4:2017
SIST/TC IFEK	SIST EN 10222-4:2000/A1:2002	2017-06	SIST EN 10222-4:2017
SIST/TC IFEK	SIST EN 10222-5:2000	2017-06	SIST EN 10222-5:2017
SIST/TC IFEK	SIST EN 10222-5:2000/AC:2004	2017-06	SIST EN 10222-5:2017
SIST/TC IHPV	SIST EN 26553:2000	2017-06	SIST EN ISO 6553:2017
SIST/TC IPKZ	SIST EN 15826:2010	2017-06	SIST EN ISO 19496-1:2017
SIST/TC IPKZ	SIST EN 582:1999	2017-06	SIST EN ISO 14916:2017
SIST/TC IPKZ	SIST EN 657:2005	2017-06	SIST EN ISO 14917:2017
SIST/TC IPMA	SIST EN ISO 1874-2:2014	2017-06	SIST EN ISO 16396-2:2017
SIST/TC IPMA	SIST EN ISO 7792-1:2014	2017-06	SIST EN ISO 20028-1:2017
SIST/TC IPMA	SIST EN ISO 7792-2:2014	2017-06	SIST EN ISO 20028-2:2017
SIST/TC KAV	SIST EN 12176:1999	2017-06	
SIST/TC KAV	SIST EN 12832:2000	2017-06	
SIST/TC KAV	SIST EN 12879:2001	2017-06	
SIST/TC KAV	SIST EN 13346:2001	2017-06	
SIST/TC KAV	SIST EN ISO 10253:2006	2017-06	SIST EN ISO 10253:2017
SIST/TC KAV	SIST EN ISO 11969:1998	2017-06	
SIST/TC KAV	SIST EN ISO 17294-2:2005	2017-06	SIST EN ISO 17294-2:2017
SIST/TC KŽP	SIST EN ISO 6887-1:1999	2017-06	SIST EN ISO 6887-1:2017
SIST/TC KŽP	SIST EN ISO 6887-2:2003	2017-06	SIST EN ISO 6887-2:2017
SIST/TC KŽP	SIST EN ISO 6887-3:2003	2017-06	SIST EN ISO 6887-3:2017
SIST/TC KŽP	SIST EN ISO 6887-4:2003	2017-06	SIST EN ISO 6887-4:2017
SIST/TC KŽP	SIST EN ISO 6887-4:2003/A1:2012	2017-06	SIST EN ISO 6887-4:2017
SIST/TC KŽP	SIST EN ISO 6887-4:2003/AC:2005	2017-06	SIST EN ISO 6887-4:2017
SIST/TC KŽP	SIST-TS CEN ISO/TS 15216-1:2013	2017-06	SIST EN ISO 15216-1:2017
SIST/TC LLZ	SIST EN 14323:2004	2017-06	SIST EN 14323:2017
SIST/TC MOV	SIST EN 61158-2:2010	2017-06	SIST EN 61158-2:2015

SIST/TC	Razveljavljeni dokument	Leto razveljavitve	Zamenjan z dokumentom
SIST/TC MOV	SIST EN 61207-6:1998	2017-06	
SIST/TC NAD	SIST EN ISO 6246:1998	2017-06	SIST EN ISO 6246:2017
SIST/TC OGS	SIST EN 834:2002	2017-06	SIST EN 834:2013
SIST/TC PCV	SIST ENV 1453-2:2001	2017-06	SIST-TS CEN/TS 1453-2:2017
SIST/TC POZ	SIST EN 12101-2:2003	2017-06	SIST EN 12101-2:2017
SIST/TC PVS	SIST EN 60904-8:2001	2017-06	SIST EN 60904-8:2014
SIST/TC SPO	SIST EN 566:2007	2017-06	SIST EN 566:2017
SIST/TC VAZ	SIST EN ISO 11138-1:2006	2017-06	SIST EN ISO 11138-1:2017
SIST/TC VAZ	SIST EN ISO 11138-2:2009	2017-06	SIST EN ISO 11138-2:2017
SIST/TC VAZ	SIST EN ISO 11138-3:2009	2017-06	SIST EN ISO 11138-3:2017
SIST/TC VAZ	SIST EN ISO 11138-4:2006	2017-06	SIST EN ISO 11138-4:2017
SIST/TC VAZ	SIST EN ISO 11138-5:2006	2017-06	SIST EN ISO 11138-5:2017
SIST/TC VZK	SIST ISO 10007:2004	2017-06	SIST ISO 10007:2017
SS EIT	SIST EN 60695-10-2:2004	2017-06	SIST EN 60695-10-2:2015
SS EIT	SIST EN 60695-2-11:2002	2017-06	SIST EN 60695-2-11:2014
SS EIT	SIST EN 60974-10:2008	2017-06	SIST EN 60974-10:2014
SS SPL	SIST EN 14467:2004	2017-06	SIST EN ISO 24803:2017
SS SPL	SIST EN 2311:2012	2017-06	SIST EN 2311:2017
SS SPL	SIST EN 3375-011:2015	2017-06	SIST EN 3375-011:2017
SS SPL	SIST EN 4674-001:2015	2017-06	kSIST FprEN 4674-001:2016
SS SPL	SIST-TS CEN/TS 16640:2014	2017-06	SIST EN 16640:2017

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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 6/2017

Publikacije	Št. izvodov

Naročnik (ime, št. naročilnice)

Podjetje (naziv iz registracije)

Naslov (za račun)

Naslov za pošiljko (če je drugačen)

Davčni zavezanec • da • ne

Davčna številka

E-naslov (obvezno!)

Telefon

Datum

Faks

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

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