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5

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

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

Objava novih slovenskih nacionalnih standardov

SIST/TC AGO Alternativna goriva iz odpadkov

SIST EN ISO 17225-3:2021 SIST EN ISO 17225-3:2014
2021-05 (po) (en;fr;de) 15 str. (D)
Trdna biogoriva - Specifikacije goriv in razredi - 3. del: Razvrstitev lesnih briketov (ISO 17225-3:2021)
Solid biofuels - Fuel specifications and classes - Part 3: Graded wood briquettes (ISO 17225-3:2021)
Osnova: EN ISO 17225-3:2021
ICS: 75.160.40

This document determines the fuel quality classes and specifications of graded wood briquettes. This document covers only wood briquettes produced from the following raw materials (see ISO 17225-1: 2021, Table 1):
— 1.1 Forest, plantation and other virgin wood
— 1.2 By-products and residues from wood processing industry
— 1.3.1 Chemically untreated used wood
NOTE Thermally treated biomass briquettes (e.g. torrefied briquettes) are not included in the scope of this document.

SIST EN ISO 17225-4:2021 SIST EN ISO 17225-4:2014
2021-05 (po) (en;fr;de) 16 str. (D)
Trdna biogoriva - Specifikacije goriv in razredi - 4. del: Razvrstitev lesnih sekancev (ISO 17225-4:2021)
Solid biofuels - Fuel specifications and classes - Part 4: Graded wood chips (ISO 17225-4:2021)
Osnova: EN ISO 17225-4:2021
ICS: 75.160.40

This document determines the fuel quality classes and specifications of graded wood chips. This document covers only wood chips produced from the following raw materials (see ISO 17225-1:2021, Table 1):
• 1.1 Forest, plantation and other virgin wood;
• 1.2 By-products and residues from wood processing industry;
• 1.3.1 Chemically untreated used wood.
This document covers only wood chips, which are produced with sharp tools, and does not cover hog fuel, which is produced with blunt tools.

SIST EN ISO 21912:2021
2021-05 (po) (en;fr;de) 59 str. (J)
Trdna alternativna goriva - Varno ravnanje in skladiščenje trdnih goriv (ISO 21912:2021)
Solid recovered fuels - Safe handling and storage of solid recovered fuels (ISO 21912:2021)
Osnova: EN ISO 21912:2021
ICS: 75.160.10

This International Standard provides principles and requirements for safe handling and storage of solid recovered fuels (SRF).
The International Standard covers the handling, transportation and storage of SRF throughout the supply chain, from the point of reception of non-hazardous waste.

SIST/TC DPL Oskrba s plinom

SIST EN 13423:2021 SIST EN 13423:2001
2021-05 (po) (en;fr;de) 31 str. (G)
Vozila na zemeljski plin - Zahteve za delavnice za vozila na zemeljski plin in upravljanje vozil na stisnjeni zemeljski plin
Natural gas vehicles - Requirements for NGV workshops and the management of compressed natural gas (CNG) vehicles
Osnova: EN 13423:2021
ICS: 75.060, 75.200, 43.180

This document provides requirements for the operation ("user manual") of vehicles using CNG (fossil and renewable) as fuel, giving recommendations of good, safe and environmental friendly practices for users, including transit through specific areas (tunnels, ferries, etc.), refuelling, parking, and workshops, and also giving instructions in case of accident. This document also provides requirements concerning competence, knowledge and ability of workshops' operatives as well as any other matter concerned with safety.

SIST-TS CEN/TS 12007-6:2021
2021-05 (po) (en;fr;de) 26 str. (F)
Infrastruktura za plin - Cevovodni sistemi za najvišji delovni tlak do vključno 16 bar - 6. del: Posebne funkcionalne zahteve za neplastificirani (nemehčani) poliamid (PA-U)
Gas infrastructure - Pipelines for maximum operating pressure up to and including 16 bar - Part 6: Specific functional recommendations for unplasticized polyamide (PA-U)
Osnova: CEN/TS 12007-6:2021
ICS: 83.140.40, 91.140.40

This Technical Specification describes specific functional recommendations for the safe design, handling, installation and operation of unplasticized polyamide (PA-U) gas piping
systems with fusion jointing and mechanical jointing with
a) a maximum operating pressure (MOP) up to and including 16 bar;
b) an operating temperature between -20 °C and +40 °C.
This Technical Specification covers PA pipes single layer solid wall.
This Technical Specification should be applied complementary to the functional requirements in EN 12007-2.

SIST/TC DPN Delo pod napetostjo

SIST EN 50110-2:2021 SIST EN 50110-2:2010
2021-05 (po) (en,fr) 43 str. (I)
Obratovanje električnih postrojev - 2. del: Nacionalni dodatki
Operation of electrical installations - Part 2: National annexes
Osnova: EN 50110-2:2021
ICS: 29.240.01

Transparency on national legislation and standards to be obeyed when working
29.1. Laws and regulations
29.1.1. Zakon o varnosti in zdravju pri delu (Uradni list RS, št. 43/11)
29.1.1.1. Occupational Health and Safety Act.
29.1.1.2. Explanation of content of law or regulation ➔ void
29.1.2. Pravilnik o varstvu pri delu pred nevarnostjo električnega toka (Uradni list RS, št. 29/92, 56/99 – ZVZD
in 43/11 – ZVZD-1)

29.1.2.1. Translation of Title of national law or regulation ➔ void
29.1.2.2. Rules on industrial safety with regard to electric current hazards
29.1.3. Uredba o zagotavljanju varnosti in zdravja pri delu na začasnih in premičnih gradbiščih (Uradni list RS,
št. 83/05 in 43/11 – ZVZD-1)
29.1.3.1. Translation of Title of national law or regulation ➔ void
29.1.3.2. Decree on safety and health requirements at work on temporary and mobile construction
29.1.4. Pravilnik o osebni varovalni opremi, ki jo delavci uporabljajo pri delu (Uradni list RS, št. 89/99, 39/05 in 43/11 – ZVZD-1)
29.1.4.1. Translation of Title of national law or regulation ➔ void
29.1.4.2. Rules on personal protective equipment used by employees
29.1.5. Pravilnik o osebni varovalni opremi (Uradni list RS, št. 29/05, 23/06, 17/11 – ZTZPUS-1 in 76/11)
29.1.5.1. Rules on personal protective equipment (endorsement of European Directive 89/656/EEC)89/686/EGS
29.1.5.2. Explanation of content of law or regulation ➔ void
29.2. Standards
29.2.1. SIST EN 50110-1:2013
29.2.1.1. Operation of electrical installations EN 50110-1 Part 1: General requirements
29.2.1.2. Identical to EN 50110-1:2013 (implemented without modifications)
29.2.2. SIST EN 61936-1:2011
29.2.2.1. Power installations exceeding 1 kV a.c. - Part 1: Common rules
29.2.2.2. Identical to EN 61936-1:2010 (implemented without modifications)
29.2.3. SIST EN 50522:2011
29.2.3.1. Earthing of power installations exceeding 1 kV a.c.
29.2.3.2. Identical to EN 50522:2010 (implemented without modifications)
29.3. Other Documents
29.3.1. Title of the national Document ➔ void
29.3.1.1. Translation of Title of the national Document ➔ void
29.3.1.2. Explanation of content of national Document ➔ void

SIST/TC ELI Nizkonapetostne in komunikacijske električne inštalacije

SIST-TS CLC/TS 50600-2-10:2021
2021-05 (po) (en) 23 str. (F)
Informacijska tehnologija - Naprave in infrastruktura podatkovnih centrov - 2-10. del: Potresno tveganje in ocena vpliva
Information technology - Data centre facilities and infrastructures - Part 2-10: Earthquake risk and impact analysis
Osnova: CLC/TS 50600-2-10:2021
ICS: 35.110, 91.120.25

This document provides requirements and recommendations for the type of risk assessment to be employed concerning seismic activity and earthquakes in relation to data centres. In addition, it describes design concepts that can be employed as mitigation actions within the construction, and other elements of design, of data centres.

SIST/TC ERS Električni rotacijski stroji

SIST EN 60034-18-41:2014/A1:2020/AC:2021
2021-05 (po) (en;fr;de) 4 str. (AC)
Električni rotacijski stroji - 18-41. del: Električni izolacijski sistemi brez delne razelektritve (tip I), uporabljeni v električnih rotacijskih strojih, ki jih napajajo napetostni pretvorniki - Kvalificiranje in preskusi pri obvladovanju kakovosti (IEC 60034-18-41:2014/A1:2019/COR1:2020)
Rotating electrical machines - Part 18-41: Partial discharge free electrical insulation systems (Type I) used in electrical rotating machines fed from voltage converters - Qualification and quality control tests (IEC 60034-18-41:2014/A1:2019/COR1:2020)
Osnova: EN 60034-18-41:2014/A1:2019/AC:2020-12
ICS: 29.160.01, 29.080.30

Popravek k standardu SIST EN 60034-18-41:2014/A1:2020.
Standard EN IEC 60034-18-41 definira kriterije za ocenjevanje izolacijskega sistema navitij statorja/rotorja, ki se uporabljajo v pogonih s pulzno-širinsko modulacijo (PWM) vira napetosti. Uporablja se za navitja statorja/rotorja enofaznih ali večfaznih strojev na izmenični tok z izolacijskimi sistemi za delovanje pretvornika. Standard opisuje kvalifikacijske preskuse in preskuse nadzora kakovosti (preskusi vrste in rutinski preskusi) na reprezentativnih vzorcih ali celotnih strojih, s čimer se preveri primernost stroja za delovanje z napetostnimi pretvorniki. Ta standard se ne uporablja za: - rotacijske stroje, ki jih pretvornik zgolj zažene; - rotacijske električne stroje z efektivno nazivno napetostjo ≤ 300 V; - navitja rotorja rotacijskih električnih strojev, ki delujejo pri največji vrednosti napetosti ≤ 200 V.

SIST/TC IEMO Električna oprema v medicinski praksi

SIST EN IEC 60601-1-3:2008/A2:2021
2021-05 (po) (en) 7 str. (B)
Medicinska električna oprema - 1-3. del: Splošne zahteve za osnovno varnost in bistvene lastnosti - Spremljevalni standard: Varstvo pred sevanjem pri rentgenski diagnostični opremi - Dopolnilo A2 (IEC 60601-1-3:2008/A2:2021)
Medical electrical equipment - Part 1-3: General requirements for basic safety and essential performance - Collateral Standard: Radiation protection in diagnostic X-ray equipment (IEC 60601-1-3:2008/A2:2021)
Osnova: EN 60601-1-3:2008/A2:2021
ICS: 13.280, 11.040.50

Dopolnilo A2:2021 je dodatek k standardu SIST EN IEC 60601-1-3:2008.
Ta mednarodni standard se uporablja za OSNOVNO VARNOST in BISTVENE LASTNOSTI MEDICINSKE ELEKTRIČNE OPREME in MEDICINSKIH ELEKTRIČNIH SISTEMOV (v nadaljevanju tudi: ELEKTROMEDICINSKA OPREMA in ELEKTROMEDICINSKI SISTEM). Ta spremljevalni standard se uporablja za RENTGENSKO OPREMO in podsestave tovrstne opreme, kadar se RADIOLOŠKE SLIKE človeških PACIENTOV uporabljajo za diagnosticiranje, načrtovanje ali usmerjanje medicinskih postopkov.

SIST/TC IPMA Polimerni materiali in izdelki

SIST EN 17334:2021
2021-05 (po) (en;fr;de) 42 str. (I)
Vlepljene palice v lepljenih lesenih gradbenih proizvodih - Preskušanje, zahteve in klasifikacija strižne trdnosti spojev
Glued-in rods in glued structural timber products - Testing, requirements and bond shear strength classification
Osnova: EN 17334:2021
ICS: 91.080.20, 83.180

This document specifies test methods for the determination of the suitability of two component epoxy and two component polyurethane adhesives for glued-in steel rods in glued laminated timber (GLT) and glued solid timber (GST) according to EN 14080, cross laminated timber (CLT) according to EN 16351 and laminated veneer lumber (LVL) according to EN 14374.
It specifies performance requirements and the determination of characteristic bond strength values for such adhesives for the prefabrication under factory or factory-like conditions of load-bearing timber-steel rod joints only. This document does not cover the performance of adhesives for on-site gluing (except for factory-like conditions).
Several provisions of this document can apply to repair and upgrading of existing timber structures including (cracked/fissured) solid wood beams. For adhesives for on-site repair or applications with solid timber additional provisions need to be taken into account. Such provisions are not part of this document.
This document also covers glued–in rods in surface treated wood. It does not cover glued-in rods in modified and stabilized wood with considerably reduced swelling and shrinkage properties, e.g. such as acetylated wood, heat treated wood, polymer impregnated wood and preservative treated wood.
The joints are intended for load-bearing timber structures subjected to temperatures up to 60 °C over a longer time in service classes 1 and 2 which are loaded predominantly static or quasi static according to EN 1990 and EN 1991-1-1.
A design procedure for glued-in rods for timber structures is given in an informative Annex A.

SIST EN 17418:2021
2021-05 (po) (en;fr;de) 33 str. (H)
Dvokomponentna epoksi in poliuretanska lepila za popravilo nalomljenih lesenih konstrukcij na kraju samem - Preskušanje, zahteve in preverjanje trdnosti popravljenih delov
Two-component epoxy and polyurethane adhesives for on-site repair of cracked timber structures - Testing, requirements and repair strength verification
Osnova: EN 17418:2021
ICS: 91.080.20, 83.180

This European standard specifies test methods for determination of the suitability of two component epoxy and polyurethane adhesives for on-site repair of cracked timber structures. The standard specifies minimum requirements on bond strength and integrity. The standard provides minimum on-site repair provisions and specifies test and minimum strength requirements with drill cores from on-site repaired timber structures for verification of bond strength and integrity.

SIST EN ISO 11357-8:2021
2021-05 (po) (en;fr;de) 23 str. (F)
Polimerni materiali - Diferenčna dinamična kalorimetrija (DSC) - 8. del: Ugotavljanje toplotne prevodnosti (ISO 11357-8:2021)
Plastics - Differential scanning calorimetry (DSC) - Part 8: Determination of thermal conductivity (ISO 11357-8:2021)
Osnova: EN ISO 11357-8:2021
ICS: 83.080.01

This document establishes a method for determination of the thermal conductivity of solid unfilled and filled or fibre reinforced plastics and composites by means of differential scanning calorimetry (DSC). It is applicable for materials with thermal conductivities of up to 1 W/(m·K).

SIST EN ISO 1628-1:2021 SIST EN ISO 1628-1:2009
SIST EN ISO 1628-1:2009/A1:2012

2021-05 (po) (en;fr;de) 23 str. (F)

Polimerni materiali - Določanje viskoznosti polimerov v razredčenih raztopinah s kapilarnimi viskozimetri - 1. del: Splošna načela (ISO 1628-1:2021)

Plastics - Determination of the viscosity of polymers in dilute solution using capillary viscometers - Part 1: General principles (ISO 1628-1:2021)

Osnova: EN ISO 1628-1:2021
ICS: 83.080.01

This document defines the general conditions for the determination of the reduced viscosity, intrinsic viscosity and K-value of organic polymers in dilute solution. It defines the standard parameters that are applied to viscosity measurement.
This document is used to develop standards for measuring the viscosities in solution of individual types of polymer. It is also used to measure and report the viscosities of polymers in solution for which no separate standards exist.

SIST EN ISO 6721-3:2021 SIST EN ISO 6721-3:1999

2021-05 (po) (en;fr;de) 20 str. (E)

Polimerni materiali - Določevanje dinamičnih mehanskih lastnosti - 3. del: Upogibne vibracije - Metoda resonančne krivulje (ISO 6721-3:2021)

Plastics - Determination of dynamic mechanical properties - Part 3: Flexural vibration - Resonance-curve method (ISO 6721-3:2021)

Osnova: EN ISO 6721-3:2021
ICS: 83.080.01

This document specifies a bending-vibration method based upon resonance curves for determining the flexural complex modulus Ef
* of homogeneous plastics and the damping properties of laminated
plastics intended for acoustic insulation, for example systems consisting of a metal sheet coated with a damping plastic layer, or sandwich systems consisting of two sheet-metal layers with an intermediate plastic layer. For many purposes, it is useful to determine these properties as a function of temperature and frequency.

SIST/TC ISTP Stavbno pohištvo

SIST EN 13126-2:2021 SIST EN 13126-2:2011

2021-05 (po) (en;fr;de)

Stavbno okovje - Okovje za okna in zastekljena vrata - Zahteve in preskusne metode - 2. del: Okenska zapirala

Building hardware - Hardware for windows and door height windows - Requirements and test methods - Part 2: Window fastener handles

Osnova: EN 13126-2:2021
ICS: 91.190

This document specifies requirements and test methods for durability, strength, security and functionality of window fastener handles.
This document does not apply to the following hardware:
a) handles - primarily for Tilt and Turn, Tilt-First and Turn-Only hardware, refer to EN 13126-3;

b) sash fasteners, refer to EN 13126-14;
c) sliding closing devices, refer to EN 13126-19.
NOTE The handles covered by this document do not have a spindle and the spur is primarily used to achieve the locked closed position.

SIST/TC ITC Informacijska tehnologija

SIST EN 16157-4:2021 SIST-TS CEN/TS 16157-4:2014
2021-05 (po) (en;fr;de) 99 str. (M)
Inteligentni transportni sistemi - Specifikacije za izmenjavo podatkov DATEX II pri upravljanju prometa in informiranju - 4. del: Objava informacij o znakih s spremenljivim sporočilom (VMS)
Intelligent transport systems - DATEX II data exchange specifications for traffic management and information - Part 4: VMS publication
Osnova: EN 16157-4:2021
ICS: 35.240.60

This European Standard (EN 16157 series) specifies and defines component facets supporting the exchange and shared use of data and information in the field of traffic and travel.
The component facets include the framework and context for exchanges, the modelling approach, data content, data structure and relationships.
This European Standard is applicable to:
- Traffic and travel information which is of relevance to road networks (non-urban and urban),
- Public transport information that is of direct relevance to the use of a road network (e.g. road link via train or ferry service),
- Traffic and travel information in the case of Cooperative intelligent transport systems (C-ITS).

This European Standard establishes specifications for data exchange between any two instances of the following actors:
- Traffic Information Centres (TICs),
- Traffic Control Centres (TCCs),
- Service Providers (SPs),

Use of this European Standard may be applicable for use by other actors.
This European Standard series covers, at least, the following types of informational content:
- Road traffic event information – planned and unplanned occurrences both on the road network and in the surrounding environment,
- Operator initiated actions,
- Road traffic measurement data, status data, and travel time data,
- Travel information relevant to road users, including weather and environmental information,
- Road traffic management information and instructions relating to use of the road network.

This part of the CEN/TS 16157 series specifies the informational structures, relationships, roles, attributes and associated data types required for publishing variable message sign information within the Datex II framework. This is specified in two publications, a DATEX II VMS Table Publication sub-model and a VMS Publication sub-model, which are part of the DATEX II platform independent model, but this part excludes those elements that relate to:
- location information which are specified in EN 16157-2,
- common information elements, which are specified in EN 16157-7,
- situation information which are specified in EN 16157-3.

The VMS Table Publication supports the occasional exchange of tables containing generally static reference information about deployed VMS which enable subsequent efficient references to be made to pre-defined static information relating to those VMS. The VMS Publication supports the exchange of the graphic and textual content of one or several VMS plus any status information on device configuration that aid the comprehension of the informational content. This content is potentially subject to rapid change.
These publications are not intended to support the control or configuration of VMS equipment. Each is part of the DATEX II platform independent model.

SIST EN ISO 14819-3:2021 SIST EN ISO 14819-3:2014

2021-05 (po) (en;fr;de) 77 str. (L)

Inteligentni transportni sistemi - Sporočila prometnih in potovalnih informacij prek kodiranih prometnih sporočil - 3. del: Navajanje lokacije za radijski podatkovni sistem (RDS) - Prometni informacijski kanal (RDS-TMC), ki uporablja sistem ALERT-C (ISO 14819-3:2021)

Intelligent transport systems - Traffic and travel information messages via traffic message coding - Part 3: Location referencing for Radio Data System - Traffic Message Channel (RDS-TMC) using ALERT-C (ISO 14819-3:2021)

Osnova: EN ISO 14819-3:2021

ICS: 35.240.60, 03.220.20

This document specifies location referencing rules to address the specific requirements of Traffic Message Channel (TMC) systems, which use abbreviated coding formats to provide traffic and travel information (TTI) messages over mobile bearers (e.g. GMS, DAB) or via exchange protocols like DATEX II. In particular, the rules address the Radio Data System-Traffic Message Channel (RDS-TMC), a means of providing digitally-coded TTI to travellers using a silent data channel on FM radio stations, based on the ALERT-C protocol.

SIST EN ISO 18530:2021 SIST-TS CEN ISO/TS 18530:2016

2021-05 (po) (en;fr;de) 60 str. (J)

Zdravstvena informatika - Samodejna identifikacija ter zajem podatkov za označevanje in etiketiranje - Predmet varstva in posamezna identifikacija (ISO 18530:2021)

Health Informatics - Automatic identification and data capture marking and labelling - Subject of care and individual provider identification (ISO 18530:2021)

Osnova: EN ISO 18530:2021

ICS: 35.240.80

This document outlines the standards needed to identify and label the Subject of Care (SoC) and the Individual Provider on objects such as identification (wrist) bands, identification tags or other objects, to enable automatic data capture using data carriers in the care delivery process.

It provides for a unique SoC identification that can be used for other purposes, such as recording the identity of the SoC in individual health records.

This document serves as a reference for any organization which plans to implement or improve Automatic Identification and Data Capture (AIDC) in their delivery of care process. It is based on the use of the GS1® system of standards. Other solutions, such as using other identification systems (for example, systems based on ISBT 128), are possible but not addressed by this document.

This document describes good practices to reduce/avoid variation and workarounds which challenge the efficiency of AIDC at the point of care and compromise patient safety[5][6].

This document specifies how to manage identifiers in the AIDC process, and completes the information found in ISO/TS 22220 and ISO/TS 27527.

SIST EN ISO 24014-1:2021 SIST EN ISO 24014-1:2016

2021-05 (po) (en;fr;de) 92 str. (M)

Javni prevoz - Interoperabilni sistem vodenja (pre)voznin - 1. del: Arhitektura (ISO 24014-1:2021)

Public transport - Interoperable fare management system - Part 1: Architecture (ISO 24014-1:2021)

Osnova: EN ISO 24014-1:2021

ICS: 35.240.60, 03.220.01

This document gives guidelines for the development of multi-operator/multi-service interoperable public surface (including subways) transport fare management systems (IFMSs) on a national and international level.

This document is applicable to bodies in public transport and related services which agree that their systems need to interoperate.

This document defines a conceptual framework which is independent of organizational and physical implementation. Any reference within this document to organizational or physical implementation is purely informative.
This document defines a reference functional architecture for IFMSs and establishes the requirements that are relevant for ensuring interoperability between several actors in the context of the use of electronic tickets.
The IFMS includes all the functions involved in the fare management process, such as:
— management of media,
— management of applications,
— management of products,
— security management, and
— certification, registration, and identification.
This document defines the following main elements:
— identification of the different sets of functions in relation to the overall IFMS and services and media from non-transport systems which interact with fare management systems;
— a generic model of an IFMS describing the logical and functional architecture and the interfaces within the system, with other IFMSs and with services and media from non-transport systems;
— use cases describing the interactions and data flows between the different sets of functions;
— security requirements.
In its annexes, this document provides a framework for mobility platforms that integrate fare management and travel information for inter- and multimodal travel (see Annex A). It also elaborates on specific subjects covered in document and offers some national examples with regard to IFMS implementations (see Annex B, Annex C, Annex D and Annex E).
This document does not define:
— the technical aspects of the interface between the medium and the medium access device;
— the data exchanges between the medium and the medium access device;
NOTE The data exchanges between the medium and the medium access device are proposed by other standardization committees.
— the financial aspects of fare management systems (e.g. customer payments, method of payment, settlement, apportionment, reconciliation).

SIST EN ISO/IEC 27017:2021
2021-05 (po) (en;fr;de) 44 str. (I)
Informacijska tehnologija - Varnostne tehnike - Pravila obnašanja pri nadzoru varnosti informacij, ki temeljijo na ISO/IEC 27002 za storitve v oblaku (ISO/IEC 27017:2015)
Information technology - Security techniques - Code of practice for information security controls based on ISO/IEC 27002 for cloud services (ISO/IEC 27017:2015)
Osnova: EN ISO/IEC 27017:2021
ICS: 35.210, 03.100.70, 35.030

This Recommendation | International Standard gives guidelines for information security controls applicable to the provision and use of cloud services by providing:
– additional implementation guidance for relevant controls specified in ISO/IEC 27002;
– additional controls with implementation guidance that specifically relate to cloud services.
This Recommendation | International Standard provides controls and implementation guidance for both cloud service providers and cloud service customers.

SIST-TP CEN ISO/TR 21186-1:2021
2021-05 (po) (en;fr;de) 33 str. (H)
Kooperativni inteligentni transportni sistemi (C-ITS) - Smernice za uporabo standardov - 1. del: Pokrajina standardizacije in izdaje standardov C-ITS (ISO/TR 21186-1:2021)
Cooperative intelligent transport systems (C-ITS) - Guidelines on the usage of standards - Part 1: Standardization landscape and releases (ISO/TR 21186-1:2021)
Osnova: CEN ISO/TR 21186-1:2021
ICS: 35.240.60, 03.220.01, 01.120

This document
— describes standardization activities related to C-ITS on a global level by major standard development organizations (SDOs);
— explains the various purposes of deliverables from SDOs and introduces a classification scheme of such documents;
— describes methods on how C-ITS services are presented and performed;
— identifies an approach for C-ITS releases and exemplifies this approach;
— presents a list of standards (Bibliography) with special relevance for C-ITS.

SIST-TP CEN ISO/TR 21186-2:2021
2021-05 (po) (en;fr;de) 39 str. (H)
Kooperativni inteligentni transportni sistemi (C-ITS) - Smernice za uporabo standardov - 2. del: Hibridne komunikacije (ISO/TR 21186-2:2021)
Cooperative intelligent transport systems (C-ITS) - Guidelines on the usage of standards - Part 2: Hybrid communications
Osnova: CEN ISO/TR 21186-2:2021
ICS: 35.240.60, 03.220.01, 01.120

This document serves as a guideline explaining the concept of hybrid communications and support functionalities for Cooperative ITS services deployed in conformance with the ITS station architecture and related Cooperative ITS standards.

SIST-TP CEN ISO/TR 21186-3:2021
2021-05 (po) (en;fr;de) 135 str. (O)
Kooperativni inteligentni transportni sistemi (C-ITS) - Smernice za uporabo standardov - 3. del: Varnost (ISO/TR 21186-3:2021)
Cooperative intelligent transport systems (C-ITS) - Guidelines on the usage of standards - Part 3: Security (ISO/TR 21186-3:2021)
Osnova: CEN ISO/TR 21186-3:2021
ICS: 35.240.60, 03.220.01, 01.120

This document provides guidelines on security applicable in Intelligent Transport Systems (ITS) related to communications and data access. In particular, this document provides analyses and best practice content for secure ITS connectivity using ISO/TS 21177.
This document analyses and identifies issues related to application security, access control, device security and PKI for a secure ITS ecosystem.

SIST-TS CEN/TS 17496:2021
2021-05 (po) (en;fr;de) 36 str. (H)
Kooperativni inteligentni transportni sistemi - Komunikacijski profili
Cooperative intelligent transport systems - Communication profiles
Osnova: CEN/TS 17496:2021
ICS: 35.240.60

This document specifies a methodology to define ITS-S communication profiles (ITS-SCPs) based on standardized communication protocols to interconnect trusted devices. These profiles enable secure information exchange between such trusted devices, including secure low-latency information exchange, in different configurations. The present document also normatively specifies some ITS-SCPs based on the methodology, yet without the intent of covering all possible cases, in order to exemplify the methodology.
Configurations of trusted devices for which this document defines ITS-SCPs include:
a) ITS station communication units (ITS-SCU) of the same ITS station unit (ITS-SU), i.e. station-internal communications;

b) an ITS-SU and an external entity such as a sensor and control network (SCN), or a service in the Internet;
c) ITS-SUs.
Other ITS-SCPs can be specified at a later stage.
The specifications given in this document can also be applied to unsecured communications and can be applied to groupcast communications as well.

SIST/TC ITEK Tekstil in tekstilni izdelki

SIST EN ISO 25619-1:2021 SIST EN ISO 25619-1:2009
2021-05 (po) (en;fr;de) 25 str. (F)
Geosintetika - Ugotavljanje obnašanja pri tlačni obremenitvi - 1. del: Lastnosti lezenja pod tlačno obremenitvijo (ISO 25619-1:2021)
Geosynthetics - Determination of compression behaviour - Part 1: Compressive creep properties (ISO 25619-1:2021)
Osnova: EN ISO 25619-1:2021
ICS: 59.080.70

This document specifies index test methods for determining the compressive creep properties of geosynthetic products. The test specimens are subjected either to normal compressive loading or to a combination of normal compressive loading and shear loading.
The test method with a normal load only (see Clause 5) is the standard method.
The test method in which combined normal and shear loads are applied (see Clause 6) is intended for products that are sensitive to shear failure, i.e. which have a columnar or cuspated structure. The tests are carried out on dry specimens or on specimens immersed in water. The test is intended to be carried out with the specimen immersed in water when any part of the geosynthetic product contains a hydrophilic polymer.

SIST EN ISO 4918:2021 SIST EN 425:2002
2021-05 (po) (en;fr;de) 20 str. (E)
Netekstilne, tekstilne in laminatne talne obloge - Preskus s stolom na kolescih (ISO 4918:2016)
Resilient,textile and laminate floor coverings - Castor chair test (ISO 4918:2016)
Osnova: EN ISO 4918:2021
ICS: 97.150

ISO 4918:2016 specifies methods for determining the change of appearance and stability of a textile floor covering or any damage caused by detachment of layers, opening of joints, or crazing of a resilient or laminate floor covering under the movement of a castor chair.

SIST-TS CEN/TS 17445:2021
2021-05 (po) (en;fr;de) 35 str. (H)
Geosintetika - Standardni preskus za simulacijo erozije, ki jo povzroči dež, na površini pobočja, zaščitenega z geosintetičnimi izdelki za nadzor erozije
Geosynthetics - Standard test for the simulation of rainfall-induced erosion on the surface of a slope protected by geosynthetic erosion control products
Osnova: CEN/TS 17445:2021
ICS: 59.080.70

This specific test serves to determine the protective effect of different geosynthetics against water erosion by heavy rain. The test is performed in a laboratory apparatus and the results serve as a performance test.

SIST/TC ITIV Tiskana vezja in ravnanje z okoljem

SIST EN IEC 61189-5-601:2021
2021-05 (po) (en) 44 str. (I)
Preskusne metode za električne materiale, tiskana vezja ter druge povezovalne strukture in sestave - 5-601. del: Splošne preskusne metode za materiale in sestave - Preskus zmožnosti valovnega spajkanja za spajkane spoje in preskus toplotne odpornosti za tiskana vezja
Test methods for electrical materials, printed boards and other interconnection structures and assemblies - Part 5-601: General test methods for materials and assemblies - Reflow soldering ability test for solder joint, and reflow heat resistance test for printed boards
Osnova: EN IEC 61189-5-601:2021
ICS: 31.190, 31.180

This part of IEC 61189 specifies the reflow soldering ability test method for components mounted on organic rigid printed boards, the reflow heat resistance test method for organic rigid printed boards, and the reflow soldering ability test method for the lands of organic rigid printed boards in applications using solder alloys, which are eutectic or near-eutectic tin-lead (Pb), or lead-free alloys.
The printed boards materials for this organic rigid printed boards are epoxide woven E-glass laminated sheets that are specified in IEC 61249-2 (all parts).
The objective of this document is to ensure the soldering ability of the solder joint and of the lands of the printed boards. In addition, test methods are provided to ensure that the printed boards can resist the heat load to which they are exposed during soldering.
This document covers tests Tg1, Tg2, Tg3, Tg4, Tg5, and Tg6 listed in Table 1:

SIST/TC IUSN Usnje

SIST EN ISO 17226-1:2021 SIST EN ISO 17226-1:2019
2021-05 (po) (en;fr;de) 17 str. (E)
Usnje - Kemijsko določevanje formaldehida - 1. del: Metoda s tekočinsko kromatografijo visoke ločljivosti (ISO 17226-1:2021)
Leather - Chemical determination of formaldehyde content - Part 1: Method using high-performance liquid chromatography (ISO 17226-1:2021)
Osnova: EN ISO 17226-1:2021
ICS: 71.040.50, 59.140.30

This document specifies a method for the determination of free and released formaldehyde in leathers. This method, based on high-performance liquid chromatography (HPLC), is selective and not sensitive to coloured extracts and is intended to be used for precise quantification of formaldehyde.
The formaldehyde content is taken to be the quantity of free formaldehyde and formaldehyde extracted through hydrolysis contained in a water extract from the leather under standard conditions of use.

SIST EN ISO 27587:2021 SIST EN ISO 27587:2010
2021-05 (po) (en;fr;de) 15 str. (D)
Usnje - Kemijski preskusi - Določevanje prostega formaldehida s pomožnim postopkom (ISO 27587:2021)
Leather - Chemical tests - Determination of free formaldehyde in process auxiliaries (ISO 27587:2021)
Osnova: EN ISO 27587:2021
ICS: 59.140.30

This document specifies a method for the determination of free formaldehyde, which is released under dynamic conditions when the sample is heated in an inert dry atmosphere, in process auxiliaries for leather. The analytical result obtained according to this procedure is expressed in milligrams per kilogram (mg/kg) sample.

SIST/TC IŽNP Železniške naprave

SIST EN 13749:2021 SIST EN 13749:2011
2021-05 (po) (en;fr;de) 57 str. (J)
Železniške naprave - Kolesne dvojice in podstavni vozički - Metoda za specificiranje konstrukcijskih zahtev okvirjev podstavnih vozičkov
Railway applications - Wheelsets and bogies - Method of specifying the structural requirements of bogie frames
Osnova: EN 13749:2021
ICS: 45.040

This document specifies the method to be followed to achieve a satisfactory design of bogie frames and includes design procedures, assessment methods, verification and manufacturing quality requirements. It is limited to the structural requirements of bogie frames including bolsters and axlebox housings. For the purpose of this document, these terms are taken to include all functional attachments, e.g. damper brackets.

SIST EN 15807:2021 SIST EN 15807:2011
2021-05 (po) (en;fr;de) 48 str. (I)
Železniške naprave - Pnevmatske polspojke
Railway applications - Pneumatic half couplings
Osnova: EN 15807:2021
ICS: 45.040

This document applies to pneumatic half couplings designed to couple either the brake pipes or main reservoir pipes of railway vehicles, without taking the type of vehicles and track-gauge into consideration.
This document gives the requirements for the design, dimensions, testing and quality assurance of pneumatic half couplings.

SIST-TS CEN/TS 15427-1-3:2021
2021-05 (po) (en;fr;de) 20 str. (E)
Železniške naprave - Trenje na stiku kolo-tirnica - 1-3. del: Oprema in uporaba - Lepilni materiali
Railway applications - Wheel/Rail friction management - Part 1-3: Equipment and Application - Adhesion materials
Osnova: CEN/TS 15427-1-3:2021
ICS: 45.040

This document is limited to specifying the requirements when applying adhesion material to the interface between the wheel tread and the crown of the rail, and includes both trainborne and trackside solutions. This standard only covers the equipment and application of adhesion material to the active interface.
This document defines:
- the characteristics that systems of adhesion materials of the wheel/rail interface shall achieve, together with applicable inspection and test methods to be carried out for verification;
- all relevant terminology which is specific to the adhesion materials of the wheel/rail interface. This document only applies to the mainline railway.
NOTE 1 This document can also be used for other railways, e.g urban rail.

NOTE 2 Although technologies used to influence the wheel/ rail interface, other than the application of a material, are out of scope of this document, it can be used as guidance.

SIST-TS CEN/TS 15427-2-3:2021
2021-05 (po) (en;fr;de) 20 str. (E)
Železniške naprave - Trenje na stiku kolo-tirnica - 2-3. del: Lastnosti in karakteristike - Lepilni materiali
Railway applications - Wheel/Rail friction management - Part 2-3: Properties and Characteristics - Adhesion materials
Osnova: CEN/TS 15427-2-3:2021
ICS: 45.040

This Technical Specification specifies the requirements of adhesion materials intended to be applied to the interface between the wheel tread and the rail crown (active interface). The specified adhesion materials can be applied either directly or indirectly to the wheel tread or rail.
It outlines the information required for most approval procedures, the method of testing and routine control/monitoring of the material.
This Technical Specification does not deal with Top of Rail materials.
NOTE Requirements for Top of Rail materials are specified in CEN/TS 15427-2-2.

SIST/TC KAZ Kakovost zraka

SIST EN 16429:2021 SIST-TS CEN/TS 16429:2013
2021-05 (po) (en;fr;de) 42 str. (I)
Emisije nepremičnih virov - Referenčna metoda za določevanje koncentracije plinastega vodikovega klorida (HCl) v odpadnih plinih, ki se sproščajo v ozračje iz industrijskih naprav
Stationary source emissions - Reference method for the determination of the concentration of gaseous hydrogen chloride (HCl) in waste gases emitted by industrial installations into the atmosphere
Osnova: EN 16429:2021
ICS: 13.040.40

This European Standard specifies the reference method for the determination of the concentration of gaseous hydrogen chloride (HCl) in waste gases emitted by industrial installations into the atmosphere.
This voluntary European standard can be used in the measurements of HCl within the context of the conditions to be set out in permits issued according to the Industrial Emissions Directive (IED), in particular, for waste incineration plants and waste coincineration plants (Chapter IV and associated Annex VI of the IED).
Currently, the European manual reference method, as described in EN 1911:2010, consists of the determination of all inorganic gaseous chlorides expressed as HCI. However, the emission limit value in.the lED (Annex VI) is targeting specifically gaseous hydrogen chloride (HCI) and not the other inorganic chlorides. Therefore, the availability of a new standardised method allowing the monitoring of emissions of hydrogen chloride (HCI) from the installations concemed as well as the calibration of on-site automated measurement systems is a necessary condition for the efficient implementation of the Directive.
The European Commission (EC) has charged the European Committee for Standardization (CEN) to elaborate this new standard (With Mandate M/513 of January 2013). The work was allocated to CEN/TC 264 "Air quality"/WG 3 who has prepared a draft Technical Specification CEN/TS 16429 "Stationary source emissions – Sampling and determination of hydrogen chloride content in ducts and stacks – Infrared analytical technique".

SIST EN 482:2021 SIST EN 482:2012+A1:2016

2021-05 (po) (en;fr;de) 22 str. (F)

Izpostavljenost na delovnem mestu - Postopki za določevanje koncentracije kemičnih agensov - Osnovne zahtevane lastnosti

Workplace exposure - Procedures for the determination of the concentration of chemical agents - Basic performance requirements

Osnova: EN 482:2021

ICS: 13.040.30

This European Standard specifies general requirements for the performance of procedures for the determination of the concentration of chemical agents in workplace atmospheres as required by the Chemical Agents Directive 98/24/EC. The requirements given apply to all measuring procedures, irrespective of the physical form of the chemical agent (gas, vapour, airborne particles), the sampling method and the analytical method used. This European Standard is applicable to all steps of a measuring procedure,
measuring procedures with separate sampling and analysis steps, and direct-reading devices.

SIST ISO 16000-28:2021 SIST ISO 16000-28:2013

2021-05 (po) (en;fr) 42 str. (I)

Notranji zrak - 28. del: Določevanje emisij vonjav iz gradbenih proizvodov s preskusno komoro

Indoor air - Part 28: Determination of odour emissions from building products using test chambers

Osnova: ISO 16000-28:2020

ICS: 13.040.20

This document specifies a laboratory test method using test chambers defined in ISO 16000-9 and further specified in EN 16516 and evaluation procedures for the determination of odours emitted from building products and materials.
Sampling, transport and storage of materials under test, as well as preparation of test specimens are described in ISO 16000-11 and further specified in EN 16516.

SIST ISO 20264:2021

2021-05 (po) (en) 38 str. (H)

Emisije nepremičnih virov - Določevanje masne koncentracije posameznih hlapnih organskih spojin (VOC) v odpadnih plinih nezgorevalnih procesov

Stationary source emissions - Determination of the mass concentration of individual volatile organic compounds (VOCs) in waste gases from non-combustion processes

Osnova: ISO 20264:2019

ICS: 13.040.40

This document specifies the use of FTIR spectrometry for determining the concentrations of individual volatile organic compounds (VOCs) in waste gases from non-combustion processes. The method can be employed to continuously analyse sample gas which is extracted from ducts and other sources. A bag sampling method can also be applied, if the compounds do not adsorb on the bag material, and is appropriate in cases where it is difficult or impossible to obtain a direct extractive sample.
The principle, sampling procedure, IR spectral measurement and analysis, calibration, handling interference, QA/QC procedures and some essential performance criteria for measurement of individual VOCs are described in this document.
NOTE 1 The practical minimum detectable concentration of this method depends on the FTIR instrument (i.e. gas cell path length, resolution, instrumental noise and analytical algorithm) used, compounds, and interference specific (e.g. water and CO2).

SIST ISO 21741:2021
2021-05 (po) (en;fr) 41 str. (I)
Emisije nepremičnih virov - Vzorčenje in določevanje živosrebrovih spojin v odpadnih plinih z amalgamacijo na zlatih pasteh
Stationary source emissions - Sampling and determination of mercury compounds in flue gas using gold amalgamation trap
Osnova: ISO 21741:2020
ICS: 13.040.40

This document describes a method for the sampling and measurement of mercury of both vapour and solid phases on stationary source flue gas streams. Mercury generally exists as elemental (Hg0) and oxidized (Hg2+) forms, both in the vapour and solid phases in flue gases. The vapour-phase (gaseous) mercury is captured either isokinetically or non-isokinetically with a gold amalgamation trap after removing solid-phase (particulate) mercury with a filter. Because gold amalgamation trap captures only gaseous elemental mercury, the oxidized mercury (Hg2+) in the vapour phase is converted to elemental mercury (Hg0) prior to the gold amalgamation trap. The concentration of gaseous mercury is determined using atomic absorption spectrometry (AAS) or atomic fluorescence spectrometry (AFS) after releasing mercury by heating the gold amalgamation trap. Separately, particulate mercury is collected isokinetically on a filter and the concentration is determined using cold vapour AAS or cold vapour AFS after dissolving the particulate mercury into solution.
The total concentration of mercury in flue gas is expressed as the sum of both gaseous and particulate mercury concentrations.
The gold amalgamation method is intended for short-term (periodic) measurements of gaseous mercury ranging from 0,01 µg/m3 to 100 µg/m3 with sampling volumes from 0,005 m3 to 0,1 m3 and sample gas flow rate between 0,2 l/min to 1 l/min. The measurement range of particulate mercury is typically from 0,01 µg/m3 to 100 µg/m3 with sampling volume from 0,05 m3 to 1 m3.

SIST ISO 23431:2021
2021-05 (po) (en) 37 str. (H)
Zunanji zrak - Merjenje kakovosti zraka v cestnih tunelih
Measurement of road tunnel air quality
Osnova: ISO 23431:2021
ICS: 93.060, 13.040.20

This document describes methods for determining air speed and flow direction, CO, NO and NO2 concentrations and visibility in road tunnels using direct-reading instruments. This document specifically excludes requirements relating to instrument conformance testing.

SIST ISO 4225:2021 SIST ISO 4225:1995
2021-05 (po) (en;fr) 24 str. (F)
Kakovost zraka - Splošni vidiki - Slovar
Air quality - General aspects - Vocabulary
Osnova: ISO 4225:2020
ICS: 13.040.01, 01.040.13

This document specifies terms and definitions that are related to air quality (see 3.1.1.1). These are either general terms or are used in connection with the sampling (see 3.3.3.1) and measurement of gases, vapours (see 3.1.5.8) and airborne particles (see 3.2.2.1) for the determination of air quality.
The terms included are those that have been identified as being fundamental because their definition is necessary to avoid ambiguity and ensure consistency of use.
An alphabetical index of the terms is provided in Annex A.
This document is applicable to all International Standards, ISO Technical Reports, ISO Technical Specifications, and ISO Guides related to air quality.

SIST/TC KŽP Kmetijski pridelki in živilski proizvodi

SIST EN ISO 6540:2021 SIST EN ISO 6540:2010
2021-05 (po) (en) 33 str. (H)
Koruza - Določevanje vlage (v zmletih in celih zrnih) (ISO 6540:2021)
Maize - Determination of moisture content (on milled grains and on whole grains) (ISO 6540:2021)
Osnova: EN ISO 6540:2021
ICS: 67.060

This document specifies two methods:
— a reference method for the determination of the moisture content of maize grains and ground whole maize, groats, grits and maize flour, see Clause 4;
— a routine method for the evaluation of the moisture content of maize in whole grains, see Clause 5. The latter is not suitable for use for experts' reports, or for calibration or checking of humidity meters, because of its significant bias to the reference method (see Table B.3).

SIST/TC MOC Mobilne komunikacije

SIST EN 301 489-50 V2.3.1:2021
2021-05 (po) (en) 33 str. (H)
Standard elektromagnetne združljivosti (EMC) za radijsko opremo in storitve - 50. del: Posebni pogoji za ponavljalniško (repetitorsko) in pomožno opremo celičnih komunikacijskih baznih postaj (BS) - Harmonizirani standard za elektromagnetno združljivost
ElectroMagnetic Compatibility (EMC) standard for radio equipment and services - Part 50: Specific conditions for Cellular Communication Base Station (BS), repeater and ancillary equipment - Harmonised Standard for ElectroMagnetic Compatibility
Osnova: ETSI EN 301 489-50 V2.3.1 (2021-03)
ICS: 33.100.01, 33.060.01

Technical specifications related to the antenna port and emissions from the enclosure port of Base Station (BS), combinations of radio and associated ancillary equipment or repeaters are not included in the present document. Such technical specifications are found in the relevant product standards for the effective use of the radio spectrum.
The environmental classification and the emission and immunity requirements used in the present document are as stated in ETSI EN 301 489-1 [1], except for any special conditions included in the present document.
NOTE: The relationship between the present document and essential requirements of article 3.1(b) of Directive 2014/53/EU [i.1] is given in Annex A.

SIST EN 303 204 V3.1.1:2021
2021-05 (po) (en) 120 str. (N)
Naprave kratkega dosega (SRD) v podatkovnih omrežjih - Radijska oprema, ki se uporablja v frekvenčnem območju od 870 MHz do 876 MHz z močnostnimi nivoji do največ 500 mW e.r.p. - Harmonizirani standard za dostop do radijskega spektra
Fixed Short Range Devices (SRD) in data networks - Radio equipment to be used in the 870 MHz to 876 MHz frequency range with power levels ranging up to 500 mW e.r.p. - Harmonised Standard for access to the radio spectrum
Osnova: ETSI EN 303 204 V3.1.1 (2021-03)
ICS: 33.060.20

The present document specifies technical characteristics and methods of measurements for the following types of equipment:

Type 1 equipment: SRDs in data networks:
Type 1a: Terminal nodes
Type 1b: Network nodes
Type 1c: Network access points
Type 1a terminal nodes and type 1b network nodes are fixed SRDs, operating up to 500 mW e.r.p. and with adaptive power control, which are intended to operate in association with other SRDs to form data network topologies supporting the intended application.
Type 1c network access points are specific fixed SRDs, operating up to 500 mW e.r.p. and with adaptive power control, supporting interconnection of a network of SRDs with an external network or service.
These radio equipment types are capable of operating in all or part of the relevant frequency bands given in Table 1.

SIST EN IEC 60794-1-2:2021 SIST EN 60794-1-2:2017
SIST EN 60794-1-2:2017/AC:2017

2021-05 (po) (en) 19 str. (E)

Optični kabli - 1-2. del: Splošna specifikacija - Osnovni preskusni postopki za optične kable - Splošno navodilo (IEC 60794-1-2:2021)

Optical fibre cables - Part 1-2: Generic specification - Basic optical cable test procedures - General guidance (IEC 60794-1-2:2021)

Osnova: EN IEC 60794-1-2:2021
ICS: 33.180.10

This part of IEC 60794-1 applies to optical fibre cables for use with telecommunications equipment and devices employing similar techniques, and to cables having a combination of both optical fibres and electrical conductors.
An objective of this document is to define general requirements and methodology guidance applicable to all of the cable test methods of IEC 60794-1 (all parts).
A second objective of this document is to provide the end user with an overview of the different test methods contained in the different parts of the IEC 60794-1 series, numbered -Xnn.
Table 1 shows the different parts.
These documents define test procedures to be used in establishing uniform requirements for the geometrical, transmission, material, mechanical, ageing (environmental exposure) and climatic properties of optical fibre cables, and electrical requirements where appropriate.
Throughout the documents, the wording "optical cable" can also include optical fibre units, microduct fibre units, etc.
The secondary objective of this document is to provide the end user with useful guidance when testing optical fibre cables.

SIST EN IEC 60794-3-12:2021 SIST EN 60794-3-12:2013

2021-05 (po) (en) 11 str. (C)

Optični kabli - 3-12. del: Zunanji kabli - Podrobna specifikacija za optične telekomunikacijske kable v kanalih ali neposredno zakopane za okablenje prostorov (IEC 60794-3-12:2021)

Optical fibre cables - Part 3-12: Outdoor cables - Detailed specification for duct and directly buried optical telecommunication cables for use in premises cabling (IEC 60794-3-12:2021)

Osnova: EN IEC 60794-3-12:2021
ICS: 33.180.10

This part of IEC 60794 is a detailed specification for duct and directly buried optical telecommunication cables for use in premises cabling to ensure compatibility with ISO/IEC 11801-1. This document's requirements ensure that the ISO/IEC 11801-1 models work for generic cabling and system performances. Values in this document support these models.
The requirements of the family specification IEC 60794-3-10 are applicable to cables covered by this document. Particular requirements detailed in Clause 5 either define a specific option relative to the requirements of IEC 60794-3-10 or define additional requirements.

SIST EN IEC 61169-15:2021

2021-05 (po) (en) 27 str. (G)

Radiofrekvenčni konektorji - 15. del: Področna specifikacija - Radiofrekvenčni (RF) koaksialni konektorji z notranjim premerom zunanjega vodnika 4,13 mm (0,163 in) z navojno sklopko - Karakteristična impedanca 50 ohm (tip SMA) (IEC 61169-15:2021)

Radio-frequency connectors. Part 15: Sectional specification - RF coaxial connectors with inner diameter of outer conductor 4,13 mm (0,163 in) with threaded coupling - Characteristic impedance 50 Ω (Type SMA) (IEC 61169-15:2021)

Osnova: EN IEC 61169-15:2021

ICS: 33.120.30

This part of IEC 61169, which is a sectional specification (SS), provides information and rules for the preparation of detail specifications (DS) for RF coaxial connectors with inner diameter of outer conductor 4,13 mm (0,163 in) with threaded coupling with a characteristic impedance of 50 Ω (type SMA).

This document specifies mating face dimensions for high performance connectors – grade 1, dimensional details of standard test connectors – grade 0, gauging information and tests selected from IEC 61169-1, applicable to all detail specifications relating to series SMA RF connectors. This document indicates recommended performance characteristics to be considered when writing a detail specification and it covers test schedules and inspection requirements for assessment levels M and H.

The SMA types RF coaxial connectors are used with all kinds of RF cables and microstrips in microwave transmission systems. The operating frequency is up to 18 GHz. These connectors can be intermated with 3,5 mm (IEEE 287-2007) and 2,92 mm (IEC 61169-35) connectors.

NOTE Metric dimensions are original dimensions. All undimensioned pictorial configurations are for reference purpose only.

SIST EN IEC 61169-65:2021

2021-05 (po) (en) 25 str. (F)

Radiofrekvenčni konektorji - 65. del: Področna specifikacija za radiofrekvenčne (RF) koaksialne konektorje z notranjim premerom 1,35 mm zunanjega prevodnika, z vijačno spojko in značilno impedanco 50 ohm (IEC 61169-65:2021)

Radio-frequency connectors - Part 65: Sectional specification for RF coaxial connectors, 1,35 mm inner diameter of outer conductor, with screw-coupling, characteristic impedance 50 Ohm (IEC 61169-65:2021)

Osnova: EN IEC 61169-65:2021

ICS: 33.120.30

This part of IEC 61169, which is a sectional specification (SS), provides information and rules for the preparation of detail specifications (DS) for series 1,35 mm RF coaxial connectors with screw coupling, characteristic impedance 50 Ω, for operating frequencies up to 90 GHz. Typical use in test and measurement applications.

It describes mating face dimensions for general purpose connectors – grade 1, dimensional details of standard test connectors-grade 0, gauging information and tests selected from IEC 61169-1, applicable to all detail specifications relating to series 1,35 mm RF connectors.

This specification indicates recommended performance characteristics to be considered when writing a detail specification and it covers test schedules and inspection requirements for assessment levels M and H.

NOTE Metric dimensions are original dimensions. All undimensioned pictorial configurations are for reference purpose only.

SIST EN IEC 62149-3:2020/AC:2021

2021-05 (po) (en) 4 str. (AC)

Aktivne komponente in naprave optičnih vlaken - Izvedbeni standardi - 3. del: Laserski diodni oddajniki z integriranim modulatorjem za optične prenosne sisteme 40 Gbit/s - Popravek AC (IEC 62149-3:2020/COR1:2021)

Fibre optic active components and devices - Performance standards - Part 3: Modulator-integrated laser diode transmitters for 40-Gbit/s fibre optic transmission systems (IEC 62149-3:2020/COR1:2021)

Osnova: EN IEC 62149-3:2020/AC:2021-03

ICS: 33.180.20

Popravek k standardu SIST EN IEC 62149-3:2020.

IEC 62149-3:2014 covers the performance specification for optical modulators monolithically integrated with laser diodes for 2,5 Gbit/s to 40 Gbit/s multi-channel fibre optic transmission systems. This performance standard contains a definition of the product performance requirements together with a series of sets of tests and measurements with clearly defined conditions, severities and pass/fail criteria. The tests are intended to be run as an initial design verification to prove any product's ability to satisfy the performance standard's requirements. This standard is only applicable for on-off keying format. This second edition cancels and replaces the first edition published in 2004 and constitutes a technical revision. The significant technical change with respect to the previous edition is as follows: The performance standards covered by this standard are now extended to a 40 Gb/s-class system from their original 2,5 Gb/s.

SIST/TC NAD Naftni proizvodi, maziva in sorodni proizvodi

SIST EN 16942:2016+A1:2021

SIST EN 16942:2016
SIST EN 16942:2016/kprA1:2019

2021-05 (po) (en;fr;de) 20 str. (E)

Goriva - Identifikacija združljivosti z vozili - Grafični prikaz informacij za potrošnika

Fuels - Identification of vehicle compatibility - Graphical expression for consumer information

Osnova: EN 16942:2016+A1:2021

ICS: 75.160.20

This European Standard lays down harmonized identifiers for marketed liquid and gaseous fuels. The requirements in this standard are set to complement information needs of users regarding the fuel- and vehicle-compatibility that are placed on the market. The development of this standard focused on vehicles placed on the market for the first time, which does not preclude the application of this standard also to vehicles already in circulation. The identifier is intended to be visualized at dispensers and refuelling points, on vehicles, in motor vehicle dealerships and in consumer manuals as described in this document.

Marketed fuels include for example petroleum-derived fuels, synthetic fuels, biofuels, natural gas, liquefied petroleum gas, hydrogen and biogas and blends of the aforementioned delivered to non-stationary applications.

SIST EN ISO 2719:2016/A1:2021

2021-05 (po) (en;fr;de) 7 str. (B)

Določevanje plamenišča - Metoda z zaprto posodo po Pensky-Martensu - Dopolnilo 1: Korekcija termometrov (ISO 2719:2016/Amd 1:2021)

Determination of flash point - Pensky-Martens closed cup method - Amendment 1: Thermometers correction (ISO 2719:2016/Amd 1:2021)

Osnova: EN ISO 2719:2016/A1:2021

ICS: 75.080

Dopolnilo A1:2021 je dodatek k standardu SIST EN ISO 2719:2016.

Ta mednarodni standard opisuje tri postopke, A, B in C, z uporabo testerja z zaprto posodo po Pensky-Martensu za ugotavljanje plamenišča gorljivih tekočin, tekočin, ki vsebujejo trdne delce, tekočin, pri katerih lahko v preskusnih pogojih nastane površinska plast, biodizla in drugih tekočin v temperaturnem razponu od 40 °C do 370 °C.
POZOR – Nekatere mešanice nimajo plamenišča, kot je opredeljeno; namesto tega lahko pride do znatnega povečanja preskusnega plamena (učinek brez sija) in spremembe v barvi preskusnega plamena iz modre v rumeno-oranžno. Stalno segrevanje lahko povzroči znatno gorenje hlapov zunaj preskusne posode in lahko pomeni nevarnost požara.
OPOMBA 1: Čeprav je z uporabo tega mednarodnega standarda praviloma mogoče preskusiti kerozin s plamenišč em nad 40 °C, je ustaljena praksa preskušanje kerozina v skladu s standardom ISO 13736.[5] Podobno se mazalna olja preskušajo v skladu s standardom ISO 2592[2].
Postopek A se uporablja za destilatna goriva (dizel, mešanice biodizla, kurilno olje in gorivo za turbine), nova in rabljena mazalna olja, barve in lake ter druge homogene tekočine, ki niso zajete v postopku B ali C.
Postopek B se uporablja za težka kurilna olja, rezane ostanke, rabljena mazalna olja, mešanice tekočin s trdnimi delci, tekočin, pri katerih lahko v preskusnih pogojih nastane površinska plast, oziroma tekočin s takšno kinematično viskoznostjo, ki ne omogoča enotnega segrevanja v pogojih mešanja in segrevanja iz postopka A.
Postopek C se uporablja za metilne estre maščobnih kislin (FAME), kot je določeno v specifikacijah, npr. EN 14214[11] ali ASTM D6751[13].
Ta mednarodni standard se ne uporablja za barve in lake na vodni osnovi.
OPOMBA 2: Barve in laki na vodni osnovi se lahko preskusijo z uporabo standarda ISO 3679[3].
Tekočine, ki vsebujejo sledi zelo vnetljivih materialov, se lahko preskusijo z uporabo standarda ISO 1523[1] ali ISO 3679.

SIST/TC OVP Osebna varovalna oprema

SIST EN 352-10:2021
2021-05 (po) (en;fr;de) 9 str. (C)
Varovala sluha - Varnostne zahteve - 10. del: Ušesni čepi z avdio vhodom za namen razvedrila
Hearing protectors - Safety requirements - Part 10: Entertainment audio earplugs
Osnova: EN 352-10:2020
ICS: 13.340.20

This European Standard is applicable to entertainment audio earplugs. It specifies requirements on construction, design, performance, marking and user information relating to the inclusion of the entertainment audio facility.

SIST EN 352-8:2021 SIST EN 352-8:2008
2021-05 (po) (en;fr;de) 9 str. (C)
Varovala sluha - Varnostne zahteve - 8. del: Naušniki z avdio vhodom za namen razvedrila
Hearing protectors - Safety requirements - Part 8: Entertainment audio earmuffs
Osnova: EN 352-8:2020
ICS: 13.340.20

This European Standard is applicable to entertainment audio ear-muffs. It specifies requirements on construction, design, performance, marking and user information relating to the inclusion of the entertainment audio facility.

SIST EN ISO 19918:2018/A1:2021

2021-05 (po) (en;fr;de) 7 str. (B)

Varovalna obleka - Varovanje pred kemikalijami - Merjenje kumulativnega pronicanja kemikalij z nizkim parnim tlakom skozi materiale - Dopolnilo A1: Ekstrakcija in kemijska analiza (ISO 19918:2017/Amd 1:2021)

Protective clothing - Protection against chemicals - Measurement of cumulative permeation of chemicals with low vapour pressure through materials - Amendment 1: Extraction and chemical analysis (ISO 19918:2017/Amd 1:2021)

Osnova: EN ISO 19918:2017/A1:2021

ICS: 13.340.10

Dopolnilo A1:2021 je dodatek k standardu SIST EN ISO 19918:2018.
Ta mednarodni standard opisuje laboratorijske preskusne metode za določanje odpornosti materialov in šivov, ki se uporabljajo za varovalne obleke, vključno z rokavicami, proti pronicanju tekočin z nizkim parnim tlakom (manj kot 1 mm Hg pri 25 °C) in/ali netopnostjo v vodi ali drugi tekočini, ki ne vpliva na material. Teh kemikalij, ki so pogosto del pesticidnih pripravkov in drugih zmesi, ni mogoče izmeriti z uporabo drugih standardov za merjenje pronicanja. Ta preskusna metoda je primerna za jakosti polja in koncentrirane pesticidne pripravke ter druge zmesi, pri katerih je aktivna sestavina kemikalija z nizkim parnim tlakom in/ali netopnostjo v vodi, ali druga tekočina, ki ne reagira z materialom obleke. Ta metoda morda ni primerna za preskušanje materialov varovalnih oblek proti hlapnim pesticidnim pripravkom. Stopnja kontaminacije je odvisna od številnih dejavnikov, kot so vrsta izpostavljenosti, tehnika uporabe in sestava pesticida. Ker se lahko raven izpostavljenosti močno razlikuje, je ta metoda zasnovana za oceno relativne učinkovitosti materialov osebne varovalne opreme pri različnem trajanju izpostavljenosti. Ta metoda je zasnovana za merjenje kumulativnega pronicanja. Časa, v katerem pride do pronicanja, ni mogoče izmeriti s to metodo. Ta preskusna metoda se ne uporablja za merjenje odpornosti proti pronicanju ali degradaciji. Standard preskusne metode je mogoče uporabiti za oceno novih materialov ali tistih, ki so bili obdelani, npr. oprani ali podvrženi simulirani obrabi. O podrobnostih obdelave je treba poročati. To preskusno metodo je mogoče uporabiti tudi za določanje odpornosti, ki jo varovalna obleka zagotavlja proti pronicanju kemikalij z nizkim parnim tlakom.

SIST/TC PLN Plinske naprave za dom

SIST-V CEN Guide 18:2021

2021-05 (po) (en) 21 str. (F)

Plinske naprave in fitingi - Smernice za vključitev bistvenih zahtev Uredbe 2016/426/EU o plinskih napravah v evropske standarde

Gas Appliances and Fittings - Guidelines for the implementation of Essential Requirements of Gas Appliances Regulation 2016/426/EU in European standards

Osnova: CEN Guide 18:2021

ICS: 91.140.40, 01.120

This document presents guidelines for the implementation of Essential Requirements of Gas Appliances Regulation (EU) 2016/426 into hEN candidates for citation in the OJEU.
This document gives guidance that is additional to the CEN/CENELEC Internal Regulations, Part 3:2019, when this is necessary owing to the special requirements of gas appliances and fittings.
This document is intended for the drafting of gas appliances and fittings standards.

SIST/TC PVS Fotonapetostni sistemi

SIST EN IEC 61215-1-2:2021 SIST EN 61215-1-2:2017

2021-05 (po) (en;fr;de)

Prizemni fotonapetostni (PV) moduli - Ocena zasnove in odobritev tipa - 1-2. del: Posebne zahteve za preskušanje fotonapetostnih modulov iz tankoslojnega kadmij-telurja (CdTe)

Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 1-2: Special requirements for testing of thin-film Cadmium Telluride (CdTe) based photovoltaic (PV) modules

Osnova: EN IEC 61215-1-2:2021

ICS: 27.160

This document lays down requirements for the design qualification of terrestrial photovoltaic modules suitable for long-term operation in open-air climates. The useful service life of modules so qualified will depend on their design, their environment and the conditions under which they are operated. Test results are not construed as a quantitative prediction of module lifetime.

In climates where 98th percentile operating temperatures exceed 70 °C, users are recommended to consider testing to higher temperature test conditions as described in IEC TS 63126. Users desiring qualification of PV products with lesser lifetime expectations are recommended to consider testing designed for PV in consumer electronics, as described in IEC 63163 (under development). Users wishing to gain confidence that the characteristics tested in IEC 61215 appear consistently in a manufactured product may wish to utilize IEC 62941 regarding quality systems in PV manufacturing.

This document is intended to apply to all thin-film CdTe based terrestrial flat plate modules.

As such, it addresses special requirements for testing of this technology supplementing IEC 61215-1:2021 and IEC 61215-2:2021 requirements for testing.

This document does not apply to modules used with concentrated sunlight although it may be utilized for low concentrator modules (1 to 3 suns). For low concentration modules, all tests are performed using the irradiance, current, voltage and power levels expected at the design concentration.

The object of this test sequence is to determine the electrical characteristics of the module and to show, as far as possible within reasonable constraints of cost and time, that the module is capable of withstanding prolonged exposure outdoors. Accelerated test conditions are empirically based on those necessary to reproduce selected observed field failures and are applied equally across module types. Acceleration factors may vary with product design and thus not all degradation mechanisms may manifest. Further general information on accelerated test methods including definitions of terms may be found in IEC 62506.

Some long-term degradation mechanisms can only reasonably be detected via component testing, due to long times required to produce the failure and necessity of stress conditions that are expensive to produce over large areas. Component tests that have reached a sufficient level of maturity to set pass/fail criteria with high confidence are incorporated into the IEC 61215 series via addition to Table 1 in IEC 61215-1. In contrast, the tests procedures described in this series, in IEC 61215-2, are performed on modules.

This document defines PV technology dependent modifications to the testing procedures and requirements per IEC 61215-1:2021 and IEC 61215-2:2021.

SIST EN IEC 62787:2021

2021-05 (po) (en)

Koncentratorske fotonapetostne (CPV) sončne celice in sestavi celic na nosilcu (CoC) - Opredelitev zanesljivosti

Concentrator photovoltaic (CPV) solar cells and cell-on-carrier (COC) assemblies - Reliability qualification

Osnova: EN IEC 62787:2021

ICS:

This document specifies the minimum requirements for the qualification of concentrator photovoltaic (CPV) cells and Cell on Carrier (CoC) assemblies for incorporation into CPV receivers, modules and systems.
The object of this qualification standard is to determine the optoelectronic, mechanical, thermal, and processing characteristics of CPV cells and CoCs to show that they are capable of withstanding assembly processes and CPV application environments. The qualification tests of this document are designed to demonstrate that cells or CoCs are suitable for typical assembly processes, and when properly assembled, are capable of passing IEC 62108.
This document defines qualification testing for two levels of concentrator photovoltaic device assembly:
a) cell, or bare cell; and
b) cell on carrier (CoC).
NOTE Note that a variety of alternate names are used within the industry, such as solar cell assembly, receiver, etc.

SIST/TC SKA Stikalni in krmilni aparati

SIST EN IEC 60947-1:2021 SIST EN 60947-1:2007
SIST EN 60947-1:2007/A1:2011
SIST EN 60947-1:2007/A2:2015

2021-05 (po) (en) 292 str. (U)
Nizkonapetostne stikalne naprave - 1. del: Splošna pravila (IEC 60947-1:2020)
Low-voltage switchgear and controlgear - Part 1: General rules (IEC 60947-1:2020)
Osnova: EN IEC 60947-1:2021
ICS: 29.130.20

This document applies, when required by the relevant product standard, to low-voltage switchgear and controlgear hereinafter referred to as "equipment" or “device” and intended to be connected to circuits, the rated voltage of which does not exceed 1 000 V AC or 1 500 V DC.
This document states the general rules and common safety requirements for low-voltage switchgear and controlgear, including:
– definitions;
– characteristics;
– information supplied with the equipment;
– normal service, mounting and transport conditions, decommissioning and dismantling;
– constructional and performance requirements;
– verification of characteristics and performance;
– energy efficiency aspects (see Annex V);
– environmental aspects.
This document does not apply to:
– low-voltage switchgear and controlgear assemblies which are dealt with in IEC 61439 series, as applicable;
– terminals for connection of aluminium conductors;
NOTE Terminals for aluminium conductors are under consideration for the next revision.
– use within explosive atmospheres (see IEC 60079 series);
– software and firmware requirements for functional safety application (see IEC 61508-3);
– cyber security aspects (see IEC 62443 series).

SIST EN IEC 60947-3:2021 SIST EN 60947-3:2009
SIST EN 60947-3:2009/A1:2012
SIST EN 60947-3:2009/A2:2016

2021-05 (po) (en) 99 str. (M)

Nizkonapetostne stikalne in krmilne naprave - 3. del: Stikala, ločilniki, ločilna stikala in stikalni aparati z varovalkami (IEC 60947-3:2020)

Low-voltage switchgear and controlgear - Part 3: Switches, disconnectors, switch-disconnectors and fuse-combination units (IEC 60947-3:2020)

Osnova: EN IEC 60947-3:2021

ICS: 29.130.20

This part of IEC 60947 applies to switches, disconnectors, switch-disconnectors and fusecombination units and their dedicated accessories to be used in distribution circuits and motor circuits of which the rated voltage does not exceed 1 000 V AC or 1 500 V DC.
NOTE 1 Accessories are interconnecting units, extended terminals, internal coils, auxiliary contacts, motor operator, etc. offered as options with the basic unit.
This document does not apply to equipment coming within the scope of IEC 60947-2, IEC 60947-4- 1 and IEC 60947-5-1.
Particular requirements for switches, disconnectors, switch-disconnectors and fusecombination units for use in photovoltaic (PV) DC applications are given in Annex D.
Specific requirements for LV switchgear intended for the connections of aluminium conductors are given in Annex E.
Guidance on measurement of power loss is provided in Annex F.
This document does not include the additional requirements necessary for electrical apparatus for explosive gas atmospheres.
NOTE 2 Depending on its design, a switch (or disconnector) can be referred to as "a rotary switch (disconnector)", "cam-operated switch (disconnector)", "knife-switch (disconnector)", etc.
NOTE 3 In this document, the word "switch" also applies to the apparatus referred to in French as "commutateurs", intended to modify the connections between several circuits and *inter alia* to substitute a part of a circuit for another. NOTE 4 In general, throughout this document, switches, disconnectors, switch-disconnectors and fusecombination units will be referred to as "equipment". The object of this document is to state:
a) the characteristics of the equipment;
b) the conditions that apply to the equipment with reference to:
1) operation and behaviour in normal service;
2) operation and behaviour in case of specified abnormal conditions, e.g. short-circuit;
3) dielectric properties;
c) the tests for confirming that these conditions have been met and the methods that are adopted for these tests;
d) the information relevant to the marking of the equipment or made available by the manufacturer, e.g. in the catalogue.
Specific items requiring agreement between the user and the manufacturer are identified in Annex B.

SIST/TC SPN Storitve in protokoli v omrežjih

SIST EN 301 549 V3.2.1:2021

2021-05 (po) (en) 186 str. (R)

Zahteve za dostopnost izdelkov in storitev IKT

Accessibility requirements for ICT products and services

Osnova: ETSI EN 301 549 V3.2.1 (2021-03)

ICS: 35.020

The present document specifies the functional accessibility requirements applicable to ICT products and services, together with a description of the test procedures and evaluation methodology for each accessibility requirement in a form that is suitable for use in public

procurement within Europe. The present document is intended to be used with web based technologies, non-web technologies and hybrids that use both. It covers both software and hardware as well as services. It is intended for use by both providers and procurers, but it is expected that it will also be of use to many others as well.
The relationship between the present document and the essential requirements of Directive 2016/2102 on the accessibility of the websites and mobile applications of public sector bodies [i.28] is given in Annex A.
The present document contains the necessary functional requirements and provides a reference document such that if procedures are followed by different actors, the results of testing are similar and the interpretation of those results is clear. The test descriptions and evaluation methodology included in the present document are elaborated to a level of detail compliant with ISO/IEC 17007:2009 [i.14], so that conformance testing can give conclusive results.

SIST/TC STV Steklo, svetloba in razsvetljava v gradbeništvu

SIST EN 1837:2021 SIST EN 1837:1999+A1:2009
2021-05 (po) (en;fr;de) 16 str. (D)
Varnost strojev - Integralna razsvetljava strojev
Safety of machinery - Integral lighting of machines
Osnova: EN 1837:2020
ICS: 91.160.10, 13.110

This document specifies the parameters of integral lighting systems designed to provide illumination in and/or at both stationary and mobile machines to enable the safe use of the machine and the efficient performance of the visual task within and/or at the machine to be carried out by the operator.
This document does not specify lighting systems mounted on the machine to specifically illuminate visual tasks outside the machine. The function and requirements of these systems are specified in the European Standard dealing with the lighting of work places, see EN 12464-1 and EN 12464-2 for further information.
This document does not specify additional requirements for the operation of lighting systems:
- in severe conditions (extreme environmental conditions such as freezer applications, high temperatures, etc.);
- subject to special rules (e.g. explosive atmospheres);
- where the transmittance is reduced by environmental conditions, such as smoke, splashing, etc.

SIST/TC TLP Tlačne posode

SIST EN 13480-3:2018/A1:2021
2021-05 (po) (en;fr;de) 16 str. (D)
Kovinski industrijski cevovodi - 3. del: Konstruiranje in izračun - Dopolnilo A1
Metallic industrial piping - Part 3: Design and calculation
Osnova: EN 13480-3:2017/A1:2021
ICS: 77.140.75, 23.040.10

Dopolnilo A1:2021 je dodatek k standardu SIST EN 13480-3:2018.
Ta del tega evropskega standarda določa zahteve za konstruiranje in izračun industrijskih kovinskih cevnih sistemov, vključno z nosilci, iz standarda EN 13480.

SIST EN 1515-4:2021 SIST EN 1515-4:2010

2021-05 (po) (en;fr;de) 21 str. (F)

Prirobnice in prirobnični spoji - Vijaki in matice - 4. del: Izbira vijakov in matic za opremo, ki je v skladu z Direktivo o tlačni opremi 2014/68/EU

Flanges and their joints - Bolting - Part 4: Selection of bolting for equipment subject to the Pressure Equipment Directive 2014/68/EU

Osnova: EN 1515-4:2021

ICS: 23.040.60, 21.060.20, 21.060.10

This European Standard is applicable to the selection of bolting for equipment subject to the Pressure Equipment Directive 2014/68/EU.

It specifies standards and additional requirements for dimensions, materials and technical conditions of delivery for bolting.

The bolting selection covered by this European Standard is regarded to be used for combination with flanges according to the series EN 1092 (PN designated flanges) and the series EN 1759 (Class designated flanges).

The selection is based on commonly used materials, bolts and nuts. It covers temperature ranges of the general service of standard flanges (based on PN or Class).

NOTE 1 The bolting selection given may be used in combination with non-standard flanges too provided that the range of application of the equipment for which the bolting is intended to be used is covered. It is the purchaser's option to decide on this.

When selecting bolting according to this European Standard it is essential to take into account other parameters such as type of fluids, corrosion hazards and relaxation at elevated temperatures.

The purpose of this European Standard is to provide a selection of most commonly used bolting types and bolting material combinations as well a tool for easy selection of suitable bolting for equipment.

It is not the intention to specify all possible applications but to give guidance on the most commonly applications. According to this, e.g. application limits for material in the creep range are not explicitly covered in this European Standard but some bolting materials listed (see Table 3, footnote h) are suitable to be used in this temperature range. Wherever the starting material standard provides mechanical properties for this temperature range respective reference is made in Table 3.

NOTE 2 Special services and ambient conditions may require the application of coatings. It is the purchaser's option to decide on this. Depending on the coating used, a verification of the temperature ranges

SIST/TC TOP Toplota

SIST EN 13497:2018+A1:2021 SIST EN 13497:2018
SIST EN 13497:2018/oprA1:2020

2021-05 (po) (en;fr;de) 12 str. (C)

Toplotnoizolacijski proizvodi za uporabo v gradbeništvu - Ugotavljanje odpornosti proti udarcem kontaktnih fasadnih toplotnoizolacijskih sistemov (ETICS)

Thermal insulation products for building applications - Determination of the resistance to impact of external thermal insulation composite systems (ETICS)

Osnova: EN 13497:2018+A1:2021

ICS: 91.100.60

This European Standard specifies the equipment and procedure for determining the resistance to impact of design ETICS kits with renders.

SIST/TC UZO Upravljanje z okoljem

SIST EN ISO 14091:2021
2021-05 (po) (en) 49 str. (I)
Prilagoditev podnebnim spremembam - Smernice za oceno ranljivosti, vpliva in tveganja (ISO 14091:2021)
Adaptation to climate change - Guidelines on vulnerability, impacts and risk assessment (ISO 14091:2021)
Osnova: EN ISO 14091:2021
ICS: 13.020.40, 13.020.30

This document gives guidelines for assessing the risks related to the potential impacts of climate change. It describes how to understand vulnerability and how to develop and implement a sound risk assessment in the context of climate change. It can be used for assessing both present and future climate change risks.
Risk assessment according to this document provides a basis for climate change adaptation planning, implementation, and monitoring and evaluation for any organization, regardless of size, type and nature.

SIST/TC VAR Varjenje

SIST EN ISO 10225:2021
2021-05 (po) (en;fr;de) 9 str. (C)
Oprema za plamensko varjenje - Označevanje opreme za plamensko varjenje, rezanje in sorodne postopke (ISO 10225:2013)
Gas welding equipment - Marking for equipment used for gas welding, cutting and allied processes (ISO 10225:2013)
Osnova: EN ISO 10225:2021
ICS: 25.160.30

ISO 10225:2013 specifies the gas letter code to be used for marking the equipment for gas welding, cutting and allied processes, when the full name of the gas cannot be used.

SIST EN ISO 13919-2:2021 SIST EN ISO 13919-2:2002
SIST EN ISO 13919-2:2002/A1:2004
2021-05 (po) (en;fr;de) 23 str. (F)
Zvarni spoji, zvarjeni z elektronskim snopom in/ali laserskim žarkom - Zahteve in priporočila za stopnje sprejemljivosti nepravilnosti - 2. del: Aluminij, magnezij in njune zlitine ter čisti baker (ISO 13919-2:2021)
Electron and laser-beam welded joints - Requirements and recommendations on quality levels for imperfections - Part 2: Aluminium, magnesium and their alloys and pure copper (ISO 13919-2:2021)
Osnova: EN ISO 13919-2:2021
ICS: 77.120.01, 25.160.40

This document gives guidance on levels of imperfections in electron and laser beam welded joints in aluminium, magnesium and their alloys and pure copper. Three levels are given in such a way as to permit application for a wide range of welded fabrications. The levels refer to production quality and not to the fitness-for-purpose of the product manufactured.
This document applies to electron and laser beam welding of:
— aluminium and its alloys;
— magnesium and its alloys;
— pure copper (e.g. Cu-ETP1 CW003A, Cu-ETP CW004A, Cu-FRHC CW005A, Cu-FRTP CW006A, Cu-OF1 CW007A, Cu-OF CW008A, Cu-OFE CW009A, Cu-PHC CW020A, Cu-HCP CW021A, Cu-PHCE CW022A, Cu-DLP CW023A, Cu-DHP CW024A);

— all types of welds welded with or without additional filler wire;
— materials equal to or above 0,5 mm thickness for electron and laser beam welding.
When significant deviations from the joint geometries and dimensions stated in this document are present in the welded product, it is necessary to evaluate to what extent the provisions of this document can apply.
NOTE For circular welds, a lower quality level can be specified for the fade-out zone. Metallurgical aspects, e.g. grain size, hardness, hydrogen embrittlement (pure copper) are not covered by this document.
This document is directly applicable to visual examination of welds and does not include details of recommended methods of detection or sizing by other non-destructive means. There are difficulties
in using these limits to establish appropriate criteria applicable to non-destructive testing methods, such as ultrasonic, radiographic and penetrant testing, and they can need to be supplemented by requirements for inspection, examination and testing.

SIST EN ISO 17279-3:2021
2021-05 (po) (en;fr;de) 55 str. (J)
Varjenje - Mikro spajanje visokotemperaturnih superprevodnikov druge generacije - 3. del: Preskusne metode za zvarne spoje (ISO 17279-3:2021)
Welding - Micro joining of second generation high temperature superconductors - Part 3: Test methods for joints (ISO 17279-3:2021)
Osnova: EN ISO 17279-3:2021
ICS: 25.160.40, 29.050

This document specifies the requirements for the test methods for joint of micro-joining of 2G HTS to fulfil the requirements of ISO 17279-1 and ISO 17279-2.
This document specifies test methods for determining the capability of joints for the production of the specified quality. It defines specific test requirements, but does not assign those requirements to any specific product group.

SIST EN ISO 17677-1:2021 SIST EN ISO 17677-1:2019
2021-05 (po) (en,fr,de) 98 str. (M)
Uporovno varjenje - Slovar - 1. del: Točkovno, bradavično in kolutno varjenje (ISO 17677-1:2021)
Resistance welding - Vocabulary - Part 1: Spot, projection and seam welding (ISO 17677-1:2021)
Osnova: EN ISO 17677-1:2021
ICS: 25.160.10, 01.040.25

This document establishes a vocabulary of terms and definitions for resistance spot welding, projection welding and seam welding.
NOTE In addition to terms used in English and French, two of the three official ISO languages, this document gives the equivalent terms in German; these are published under the responsibility of the member body for Germany (DIN). However, only the terms and definitions given in the official languages can be considered as ISO terms and definitions.

SIST EN ISO 18595:2021 SIST EN ISO 18595:2008

2021-05 (po) (en;fr;de) 22 str. (F)

Uporovno varjenje - Točkovno varjenje aluminija in aluminijevih zlitin - Varivost, varjenje in preskušanje (ISO 18595:2021)

Resistance welding - Spot welding of aluminium and aluminium alloys - Weldability, welding and testing (ISO 18595:2021)

Osnova: EN ISO 18595:2021

ICS: 77.120.10, 25.160.10

This document specifies requirements for resistance spot welding in the fabrication of assemblies of aluminium sheet, extrusions (both work- and age-hardening alloys) and/or cast material comprising two or three thicknesses of metal, where the maximum single (sheet) thickness of components to be welded is within the range 0,6 mm to 6 mm.

This document is applicable to the welding of sheets or plates of dissimilar thickness where the thickness ratio is less than or equal to 3:1. It applies to the welding of three thicknesses where the total thickness is less than or equal to 9 mm.

Welding with the following types of machines is within the scope of this document:

— pedestal welding machines;

— gun welders;

— automatic welding equipment where the components are fed by robots or automatic feeding equipment;

— multi-welders;

— robotic welders.

Information on appropriate welding equipment is given in Annex A and on spot welding conditions in Annex B. The latter are for guidance only and can require modification depending on service conditions of the fabrication, type of welding equipment, characteristics of the secondary circuit, electrode material and geometry.

The welding of coated material, e.g. zinc-coated or anodized material, is outside the scope of this document.

SIST EN ISO 22826:2021

2021-05 (po) (en;fr;de) 24 str. (F)

Porušitveno preskušanje zvarnih spojev na kovinskih materialih - Preskušanje trdote zvarnih spojev, zvarjenih z laserskim žarkom in elektronskim snopom (preskus trdote po Vickersu in Knoopu) (ISO 22826:2005)

Destructive tests on welds in metallic materials - Hardness testing of narrow joints welded by laser and electron beam (Vickers and Knoop hardness tests) (ISO 22826:2005)

Osnova: EN ISO 22826:2021

ICS: 25.160.40

ISO 22826:2005 specifies the requirements for hardness testing of transverse sections of narrow laser and electron beam welded joints in metallic materials. It covers Vickers and Knoop hardness tests in accordance with ISO 6507-1 and ISO 4545, respectively, with test forces of 0,098 N to just under 98 N (HV 0,01 to just under HV 10) for the Vickers hardness test and test forces up to and including 9,8 N (just under HK 1) for the Knoop hardness test.

It is applicable to welds made with or without filler wire. It may not be applicable to the testing of wider hybrid laser/arc welds.

SIST EN ISO/ASTM 52903-1:2021
2021-05 (po) (en;fr;de) 13 str. (D)
Aditivna proizvodnja - Aditivna proizvodnja plastičnih materialov z ekstruzijo - 1. del: Surovine (ISO/ASTM 52903-1:2020)
Additive manufacturing - Material extrusion-based additive manufacturing of plastic materials - Part 1: Feedstock materials (ISO/ASTM 52903-1:2020)
Osnova: EN ISO/ASTM 52903-1:2021
ICS: 83.080.01, 25.030

This document describes a method for defining requirements for plastic materials used in extrusion-based additive manufacturing (AM) processes. Materials include unfilled, filled, and reinforced plastic materials suitable for processing into parts. These materials can also contain special additives (e.g. flame retardants, stabilizers, etc.). Processes include all material extrusion-based AM processes.
This document is intended for use by manufacturers of materials, feedstocks, plastic parts or any combination of the three using material extrusion-based AM.
NOTE In some cases, material manufacturers can also be feedstock manufacturers. In other cases, a material manufacturer can supply materials (example: pellets) to a feedstock manufacturer (example: converter of pellets into filaments).
This document does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health, and environmental practices and determine the applicability of regulatory limitations prior to use.

SIST EN ISO/ASTM 52950:2021 SIST EN ISO 17296-4:2016
2021-05 (po) (en;fr;de) 16 str. (D)
Aditivna proizvodnja - Splošna načela - Pregled obdelave podatkov (ISO/ASTM 52950:2021)
Additive manufacturing - General principles - Overview of data processing (ISO/ASTM 52950:2021)
Osnova: EN ISO/ASTM 52950:2021
ICS: 25.030

This document covers the principal considerations which apply to data exchange for additive manufacturing. It specifies terms and definitions which enable information to be exchanged describing geometries or parts such that they can be additively manufactured. The data exchange method outlines file type, data enclosed formatting of such data and what this can be used for.
This document
— enables a suitable format for data exchange to be specified,
— describes the existing developments for additive manufacturing of 3D geometries,
— outlines existing file formats used as part of the existing developments, and
— enables understanding of necessary features for data exchange, for adopters of this document.
This document is aimed at users and producers of additive manufacturing processes and associated software systems. It applies wherever additive processes are used, and to the following fields in particular:
— producers of additive manufacturing systems and equipment including software;
— software engineers involved in CAD/CAE systems;
— reverse engineering systems developers;
— test bodies wishing to compare requested and actual geometries.

SIST/TC VAZ Varovanje zdravja

SIST EN ISO 8536-12:2021
2021-05 (po) (en) 18 str. (E)
Infuzijska oprema za uporabo v medicini - 12. del: Kontrolni ventili za enkratno uporabo (ISO 8536-12:2021)
Infusion equipment for medical use - Part 12: Check valves for single use (ISO 8536-12:2021)
Osnova: EN ISO 8536-12:2021
ICS: 11.040.20

This document specifies requirements for check valves intended for single use and used with infusion equipment for gravity-feed infusion and/or with pressure infusion apparatus.
NOTE The functional requirements in this document also apply to built-in check valves.

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

SIST CEN/CLC Guide 34:2021
2021-05 (po) (en;fr;de) 7 str. (B)
Zastopanje CEN in CENELEC na uradnih srečanjih
CEN and CENELEC representation in official meetings
Osnova: CEN/CLC Guide 34:2021
ICS: 01.120

In recent years, a number of representatives have been appointed by the CEN/CENELEC Governing Bodies (AGs, CAs, BTs) to represent the interests of CEN/CENELEC in external groups (e.g. European Commission Expert groups) and specific events (e.g. UN/EC, conferences).
Given the important role that these representatives play, it is necessary to define their roles and responsibilities and make them aware of the expected commitment, in order to ensure that they:
- act in line with the CEN and CENELEC Strategy 2030 (and subsequent strategies beyond 2020);
- are informed of the policies, priorities and positions of the organizations (CEN, CENELEC or CEN-CENELEC) they represent;
- understand the message and priorities to be conveyed;
- provide effective and efficient reporting and feedback to the CEN/CENELEC Governing Bodies.
To this end, once appointed, the representative is to abide by the stipulations of the guidance document as included in Annex A, which identifies a set of basic practices to be followed to ensure proper coordination, reporting and follow-up.
The list of appointed representatives is kept by CCMC. Regular updates will be provided to the CEN/CENELEC Governing Bodies.
Note: This Guide does not apply to the appointment of elected CEN and CENELEC Officers.

SS EIT Strokovni svet SIST za splošno področje

SIST EN 12312-5:2021 SIST EN 12312-5:2005+A1:2009
2021-05 (po) (en;fr;de) 52 str. (J)
Podporna oprema na tleh za letalski promet - Posebne zahteve - 5. del: Oprema za oskrbo letal z gorivom
Aircraft ground support equipment - Specific requirements - Part 5: Aircraft fuelling equipment
Osnova: EN 12312-5:2021
ICS: 49.100

This document specifies the technical requirements to minimize the hazards listed in Clause 4 which can arise during the commissioning, operation and maintenance of AFE when used as intended,

including misuse reasonably foreseeable by the manufacturer, when carried out in accordance with the specifications given by the manufacturer or his authorized representative. It also takes into account some performance requirements recognized as essential by authorities, aircraft and ground support equipment (GSE) manufacturers as well as airlines, airports and fuelling companies.
This document applies to all types of aircraft fuelling equipment:
a) aircraft refuellers;
b) hydrant dispensers;
c) defuellers;
d) hydrant pit servicing vehicles;
e) pit cleaner vehicles;
f) stationary dispensing units,
intended to service aircraft with aviation fuels and to be operated on airfields, heliports and other aircraft refuelling related areas such as maintenance bases.
This document does not apply to:
g) AFE whose only power source for aircraft refuelling is directly applied manual effort;
h) hydrant systems, tank farms, pipework and underground tanks;
i) specific hazards due to the operation of the AFE in a potentially explosive atmosphere;
j) built-in fire extinguisher systems.
No extra requirements on noise and vibration are provided other than those in EN 1915-3 and EN 1915-4.
NOTE EN 1915-3 and EN 1915-4 provide the general GSE vibration and noise requirements.
This document does not deal with hazards in respect to a standard automotive chassis and from other vehicles on the apron.
This document is not applicable to AFE which are manufactured before the date of publication of this document by CEN.
This part of the EN 12312 series when used in conjunction with EN 1915-1, EN 1915-2, EN 1915-3 (for vehicles) and EN 1915-4 provides the requirements for AFE.

SIST EN 3475-512:2021 SIST EN 3475-512:2004
2021-05 (po) (en;fr;de) 6 str. (B)
Aeronavtika - Električni kabli za uporabo v zračnih plovilih - Metode preskušanja - 512. del: Upogibna trdnost
Aerospace series - Cables, electrical, aircraft use - Test methods - Part 512: Flexure endurance
Osnova: EN 3475-512:2021
ICS: 29.060.20, 49.060

This document specifies a method of testing flexure endurance of the cable when it is subjected to alternating flexing.
It shall be used together with EN 3475-100.

SIST EN 3639:2021
2021-05 (po) (en;fr;de) 9 str. (C)
Aeronavtika - Toplotno odporna zlitina X6NiCrTiMoV26-15 (1.4980) - Popuščana in hladno obdelana - Žice za kovane vezne elemente - D ≤ 15 mm - 900 MPa ≤ Rm ≤ 1100 MPa
Aerospace series - Heat resisting alloy X6NiCrTiMoV26-15 (1.4980) - Softened and cold worked - Wires for forged fasteners - D ≤ 15 mm - 900 MPa ≤ Rm ≤ 1 100 MPa
Osnova: EN 3639:2021
ICS: 49.025.05

This document specifies the requirements relating to:
Heat resisting alloy X6NiCrTiMoV26-15 (1.4980)
Softened and cold worked
Wires for forged fasteners
D ≤ 15 mm
900 MPa ≤ Rm ≤ 1 100 MPa

for aerospace applications.
W.nr: 1.4980.
ASD-STAN designation: FE-PA2601.

SIST EN 4035:2021 SIST EN 4035:2009
2021-05 (po) (en;fr;de) 11 str. (C)
Aeronavtika - Nastavljivi drsni zgibi s samovarovalnim dvorednim nihalnim krogličnim ležajem iz korozijsko odpornega jekla, z zmanjšanim radialnim ohlapom ležaja in navojnim steblom iz titanove zlitine - Mere in nosilnosti
Aerospace series - Rod end, adjustable, with self-aligning double row ball bearing, in corrosion resisting steel, reduced internal radial clearance and threaded shank in titanium alloy - Dimensions and loads
Osnova: EN 4035:2021
ICS: 49.035

This document specifies the characteristics of adjustable rod ends with self-aligning double row ball bearing in corrosion resisting steel with reduced internal radial clearance and threaded shank in titanium alloy, designed to withstand only slow rotations and oscillations under load. They consist of:

- a rod end comprising:
- circumferential groove to confirm that the assembled rod-end is "in safety" emphasized with the application of red paint;
- either seals or shields;
- an optional longitudinal groove for locking purpose;
- an inner ring with balls.

These rod ends are intended for use with flight control rods or rods for aerospace structures. They are intended to be used in the temperature range: Š54 °C to 150 °C.
However, being lubricated with the following greases:
- very high pressure grease, ester type (code A), operational range Š73 °C to 121 °C; or
- very high pressure grease, synthetic hydrocarbons, general purpose (code B), operational range −54 °C to 177 °C (see EN 2067);

their field of application when lubricated with code A grease is limited to 121 °C.

SIST EN 4036:2021 SIST EN 4036:2009
2021-05 (po) (en;fr;de) 11 str. (C)
Aeronavtika - Nastavljivi drsni zgibi s samovarovalnim dvorednim nihalnim krogličnim ležajem in navojnim steblom iz korozijsko odpornega jekla z zmanjšanim radialnim ohlapom ležaja - Mere in nosilnosti
Aerospace series - Rod end, adjustable, with self-aligning double row ball bearing and threaded shank, in corrosion resisting steel, reduced internal radial clearance - Dimensions and loads
Osnova: EN 4036:2021
ICS: 49.035

This document specifies the characteristics of adjustable rod ends with self-aligning double row ball bearing with reduced internal radial clearance and threaded shank in corrosion resisting steel, designed to withstand only slow rotations and oscillations under load.
They consist of:
- a rod end comprising:
- circumferential groove to identify location;
- either seals or shields;
- an optional longitudinal groove for locking purpose;
- an inner ring with balls.

These rod ends are intended for use with flight control rods or rods for aerospace structures. They are intended to be used in the temperature range: Š54 °C to 150 °C.
However, being lubricated with the following greases:
- very high pressure grease, ester type (code A), operational range Š73 °C to 121 °C; or

- very high pressure grease, synthetic hydrocarbons, general purpose (code B), operational range Š54 °C to 177 °C (see EN 2067);

their field of application when lubricated with code A grease is limited to 121 °C.

SIST EN 6025:2021

2021-05 (po) (en;fr;de) 9 str. (C)

Aeronavtika - Plošče - Aluminijeva zlitina 2024 - Odstopanja od tolerance ploskosti - Debelina - 6 mm ≤ a ≤ 55 mm - Mere

Aerospace series - Plates - Aluminium alloy 2024 - Close tolerance flatness - Thickness - 6 mm ≤ a ≤ 55 mm - Dimensions

Osnova: EN 6025:2021

ICS: 49.025.20

This document specifies the dimensions and tolerances of plates in aluminium alloy 2024 with close-tolerance flatness, thickness 6 mm < a ≤ 55 mm, for aerospace applications.

SIST EN ISO 15663:2021 SIST EN ISO 15663-1:2007

2021-05 (po) (en;fr;de) 111 str. (N)

Petrokemična industrija ter industrija za predelavo nafte in zemeljskega plina - Stroški življenjskega cikla (ISO 15663:2021)

Petroleum, petrochemical and natural gas industries - Life cycle costing (ISO 15663:2021)

Osnova: EN ISO 15663:2021

ICS: 13.020.60, 75.020

This document specifies requirements for and gives guidance on the application of life cycle costing to create value for the development activities and operations associated with drilling, exploitation, processing and transport of petroleum, petrochemical and natural gas resources. This document covers facilities and associated activities within different business categories (upstream, midstream, downstream and petrochemical).

The life cycle costing process as described in this document is applicable when making decisions between competing options that are differentiated by cost and/or economic value. This document is not concerned with decision-making related to the economic performance of individual options or options differentiated by factors other than cost or economic value.

Guidance is provided on the management methodology and application of life cycle costing in support of decision-making across life cycle phases. The extent of planning and management depends on the magnitude of the costs involved, the potential value that can be created and the life cycle phase. It also provides the means of identifying cost drivers and provides a cost-control framework for these cost drivers, allowing effective cost control and optimization over the entire life of an asset.

SIST EN ISO 17562:2021 SIST EN 821-1:2000

2021-05 (po) (en;fr;de) 20 str. (E)

Fina keramika (sodobna keramika, sodobna tehnična keramika) - Preskusna metoda za določanje linearnega toplotnega raztezanja monolitne keramike z uporabo metode potisne palice (ISO 17562:2016)

Fine ceramics (advanced ceramics, advanced technical ceramics) - Test method for linear thermal expansion of monolithic ceramics by push-rod technique (ISO 17562:2016)

Osnova: EN ISO 17562:2021

ICS: 81.060.30

ISO 17562:2016 specifies a method for the determination of the linear thermal expansion and the linear thermal expansion coefficient of monolithic ceramics from near liquid nitrogen temperature up to a maximum temperature of 2 000 °C.

SIST EN ISO 19363:2021
2021-05 (po) (en;fr;de) 48 str. (I)
Cestna vozila na električni pogon - Brezžični prenos energije z magnetnim poljem - Zahteve glede varnosti in interoperabilnosti (ISO 19363:2020)
Electrically propelled road vehicles - Magnetic field wireless power transfer - Safety and interoperability requirements (ISO 19363:2020)
Osnova: EN ISO 19363:2021
ICS: 43.120

This document defines the requirements and operation of the on-board vehicle equipment that enables magnetic field wireless power transfer (MF-WPT) for traction battery charging of electric vehicles. It is intended to be used for passenger cars and light duty vehicles.
This document addresses the following aspects for an EV device:
— safety requirements;
— transferred power and power transfer efficiency;
— ground clearance of the EV device;
— functionality with associated off-board systems under various conditions and independent of manufacturer;
— test procedures.
EV devices that fulfil the requirements in this document are intended to operate with supply devices that fulfil the MF-WPT related requirements in the IEC 61980 series.
NOTE 1 Charging of a vehicle in motion is not considered in this edition.
NOTE 2 Bi-directional power transfer is not considered in this edition.

SIST EN ISO 19628:2021
SIST EN 1159-3:2004
SIST EN 1159-3:2004/AC:2007
SIST EN 1159-3:2004/AC:2008
2021-05 (po) (en;fr;de) 33 str. (H)
Fina keramika (sodobna keramika, sodobna tehnična keramika) - Termofizikalne lastnosti keramičnih kompozitov - Ugotavljanje specifične toplotne kapacitete (ISO 19628:2017)
Fine ceramics (advanced ceramics, advanced technical ceramics) - Thermophysical properties of ceramic composites - Determination of specific heat capacity (ISO 19628:2017)
Osnova: EN ISO 19628:2021
ICS: 81.060.30

ISO 19628:2017 describes two methods for the determination of the specific heat capacity of ceramic matrix composites with continuous reinforcements (1D, 2D, 3D).
Unidirectional (1D), bi-directional (2D) and tridirectional (XD, with $2 < x \leq 3$).
The two methods are:
- **m**ethod A: drop calorimetry;
- method B: differential scanning calorimetry.
They are applicable from ambient temperature up to a maximum temperature, depending on the method: method A can be used up to 2 250 K, while method B is limited to 1 900 K.
NOTE Method A is limited to the determination of an average value of the specific heat capacity over a given temperature range and can give a larger spread of results.

SIST EN ISO 22300:2021 SIST EN ISO 22300:2018
2021-05 (po) (en;fr;de) 61 str. (K)
Varnost in vzdržljivost - Slovar (ISO 22300:2021)
Security and resilience - Vocabulary (ISO 22300:2021)
Osnova: EN ISO 22300:2021
ICS: 03.100.01, 01.040.03

This document defines terms used in security and resilience standards.

SIST EN ISO 28080:2021
2021-05 (po) (en;fr;de) 21 str. (F)
Trdine - Abrazijski preskusi za trde kovine (ISO 28080:2021)
Hardmetals - Abrasion tests for hardmetals (ISO 28080:2021)
Osnova: EN ISO 28080:2021
ICS: 77.160, 77.040.10

This document specifies a generic test method to determine the abrasion wear characteristics of hardmetals.
The test is appropriate for use in situations where test laboratories have a need to simulate abrasive damage. The procedure includes information which enables the test to be used in a variety of different conditions:
a) with counterface wheels of different stiffness (for example steel and rubber);
b) wet and dry;
c) different abrasive sizes;
d) different chemical environments.

SIST EN ISO 7840:2021 SIST EN ISO 7840:2018
2021-05 (po) (en;fr;de) 18 str. (E)
Mala plovila - Proti ognju odporne cevi za gorivo (ISO 7840:2021)
Small craft - Fire-resistant fuel hoses (ISO 7840:2021)
Osnova: EN ISO 7840:2021
ICS: 13.220.40, 47.020.30, 47.080

This document specifies general requirements and physical tests for fire-resistant hoses for conveying petrol or petrol blended with ethanol, and diesel fuel or diesel fuel blended with FAME, designed for a working pressure not exceeding 0,34 MPa for hoses with inner diameter up to and including 10 mm, and 0,25 MPa for hoses up to 63 mm inner diameter in small craft.
It applies to hoses for small craft with permanently installed fuel systems. It does not apply to hoses entirely within the splash well at the stern of the craft connected directly to an outboard engine. Specifications for non-fire-resistant fuel hoses are given in ISO 8469:2021. Specifications for permanently installed fuel systems are given in ISO 10088:2013.

SIST-TP CEN ISO/TR 41013:2021
2021-05 (po) (en;fr;de) 15 str. (D)
Upravljanje objektov in storitev - Področje uporabe, ključni koncepti in koristi (ISO/TR 41013:2017)
Facility management - Scope, key concepts and benefits (ISO/TR 41013:2017)
Osnova: CEN ISO/TR 41013:2021
ICS: 03.080.10

ISO/TR 41013:2017 outlines the scope, key concepts and benefits of facility management (FM) and provides a context for the use and application of the terms defined in ISO 41011.

SIST-TP CEN/TR 17559:2021
2021-05 (po) (en;fr;de) 39 str. (H)
Alge in izdelki iz alg - Uporaba hrane in krme: Splošni pregled omejitev, postopkov in analitskih metod
Algae and algae products - Food and feed applications: General overview of limits, procedures and analytical methods
Osnova: CEN/TR 17559:2021
ICS: 67.040

This Technical Report describes quality designations and indications for algae and directly derived products from algae production required for or by food/feed/nutraceuticals/animal food producers and industry. This TR does not apply to pharmacuetical, cosmetics and chemical applications.
Note: This TR does not provide instructions on existing handling of technical requirements in existing legislations.

SIST-TS CEN/TS 17606:2021
2021-05 (po) (en;fr;de) 12 str. (C)
Vgradnja opreme za hlajenje, klimatizacijo in toplotno črpalko, ki vsebuje vnetljiva hladilna sredstva, za dopolnitev obstoječih standardov
Installation of refrigeration, air conditioning and heat pump equipment containing flammable refrigerants, complementing existing standards
Osnova: CEN/TS 17606:2021
ICS: 91.140.30, 27.200, 23.080

This TS provides technical specifications and guidance for the installation of refrigeration, air conditioning and heat pump equipment This document provides technical information for the installation of refrigeration, air conditioning and heat pump equipment containing flammable refrigerants, in particular from class A3, complementing existing standards. The term “refrigerating system” used in this document includes air conditioners and heat pumps.
Refrigerants from toxicity class B are excluded from this scope.
This document includes risk mitigation measures not yet addressed in existing standards for specific refrigerant classes, or not fully reflecting the state of the art, and establishes complementary technical specifications related to the installation of equipment.
The following aspects are considered:
- explosive atmosphere workplace and equipment;
NOTE Further information can be found in Directive 99/92/EC (ATEX Workplace Directive) and Directive 2014/34/EU (ATEX Equipment Directive).
- design and structural specifications for the installation site;
- marking and labelling of equipment parts and installation site;
- good practice for installing equipment, including tools and personal protection;
- risk mitigation methods and related refrigerant charge limits;
- risk assessments;
- competence of personnel;
- safety testing of systems and equipment.

SIST-TS CEN/TS 17607:2021
2021-05 (po) (en;fr;de) 11 str. (C)
Obratovanje, servisiranje, vzdrževanje, popravilo in razgradnja opreme za hlajenje, klimatizacijo in toplotne črpalke, ki vsebuje vnetljiva hladilna sredstva, za dopolnitev obstoječih standardov
Operation, servicing, maintenance, repair and decommissioning of refrigeration, air conditioning and heat pump equipment containing flammable refrigerants, complementing existing standards
Osnova: CEN/TS 17607:2021
ICS: 91.140.30, 27.200, 23.080

This document provides technical specifications for the operation, servicing, maintenance, repair and decommissioning of refrigeration, air conditioning and heat pump equipment containing flammable refrigerants, in particular from class A3, complementing existing standards.
Refrigerants from toxicity class B are excluded from this scope.
This document includes risk mitigation measures not yet addressed in existing standards for specific refrigerant classes, or not fully reflecting the state of the art, and establishes complementary technical specifications for the operation, servicing, maintenance, repair and decommissioning, .
The following aspects are considered:
- explosive atmosphere workplace and equipment;

NOTE Further information can be found in Directive 99/92/EC (ATEX Workplace Directive) and Directive 2014/34/EU (ATEX Equipment Directive).

- good practice for the operation, servicing, maintenance, repair and decommissioning, including tools and personal protection;
- risk mitigation methods;
- risk assessments;
- competence of personnel;
- health and safety of personnel;
- location of the equipment.

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