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

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Objava novih slovenskih nacionalnih standardov

SIST/TC CAA Mineralna veziva in zidarstvo

SIST-TP CEN/TR 16886:2017
2017-03 (po) (en;fr;de) 54 str. (J)
Navodilo za uporabo statističnih metod za določanje lastnosti zidarskih proizvodov
Guidance on the application of statistical methods for determining the properties of masonry products
Osnova: CEN/TR 16886:2016
ICS: 91.080.30, 03.120.30

In the masonry unit standards and in national legislation, some properties need to be declared based on a certain fractile and confidence level. To demonstrate compliance with that a statistical tool can be used.
The purpose of this Technical Report is to exemplify how a statistical tool can be used in practice. This document should not contradict nor extend the scope of the work and role of a Notified Body, nor impose additional burdens on the manufacturer, beyond those laid down in the Construction Products Regulation and the product standards.
Mechanical and other properties of building materials and components are in the report described by random variables with a certain type of probability distribution. The popular normal distribution (Laplace-Gauss distribution) is given in Annex A. Normal distribution may be used to approximate many actual symmetrical distributions. When a remarkable asymmetry is observed, then another type of distribution reflecting this asymmetry should be considered, leading to a more complex method to demonstrate compliance with the product standard. More information on the normality test of Shapiro-Wilk is given in Annex D.

SIST/TC DTN Dvigalne in transportne naprave

SIST EN 1570-2:2017
2017-03 (po) (en;fr;de) 42 str. (I)
Varnostne zahteve za dvižne mize - 2. del: Dvižne mize za dvigovanje do več kot dveh stalnih nivojev v stavbi, katerih hitrost navpičnega dvigovanja ne presega 0,15 m/s
Safety requirements for lifting tables - Part 2: Lifting tables serving more than 2 fixed landings of a building, for lifting goods with a vertical travel speed not exceeding 0,15 m/s
Osnova: EN 1570-2:2016
ICS: 53.020.99

1.1 This European Standard specifies the safety requirements applicable to slow-speed platform lifts presenting the following characteristics:
• serving 2 or more set levels of a building or construction structure;
• able to cross landings;
• designed exclusively for lifting or lowering loads;
• only accessible to operators during the loading/unloading phases;
• with a travel speed of no more than 0.15 m/s;
• useable solely by people who have been authorized and briefed;
• permanently installed.
1.2 This European Standard deals with all significant hazards pertinent to slow-speed platform lifts when used as intended and under the conditions foreseen by the manufacturer (see Article 4). This European Standard specifies the appropriate technical measures for eliminating and reducing the risks arising from the significant hazards.

1.3 This European Standard does not apply to the following equipment:
• permanently and/or temporarily installed platform lifts, serving specific levels of a building, with a vertical travel speed exceeding 0.15 m/s (EN 81-31);
• lifting tables serving no more than two set levels of a building and not crossing a landing (EN 1570-1);
• lift platforms designed for mobility-impaired persons (EN 81-40 and prEN 81 41);
• platform lifts used on ships;
• lifts designed for lifting artists and stage set features during artistic performances;
• lifts driven by pusher chains.

SIST EN 16796-1:2017
2017-03 (po) (en;fr;de) 25 str. (F)
Vozila za talni transport - Energijska učinkovitost - Preskusne metode - 1. del: Splošno
Energy efficiency of industrial trucks - Test methods - Part 1 : General
Osnova: EN 16796-1:2016
ICS: 27.015, 53.060

This European Standard specifies general test criteria and requirements to measure the energy consumption for self-propelled industrial trucks (hereafter referred to as trucks) during operation. For electric trucks, the efficiency of the battery and the battery charger is included.
This part of the EN 16796 series is intended to be used in conjunction with the corresponding EN 16796-2 to -5.
The truck specific requirements in EN 16796-2 to -5 take precedence over the respective requirements of EN 16796-1.
Of the product life cycle, EN 16796 is applicable to the in-use phase.
It applies to the following truck types according to ISO 5053-1:
— counterbalance lift truck;
— articulated counterbalance lift truck;
— lorry-mounted truck;
— reach truck (with retractable mast or fork arm carriage);
— straddle truck;
— pallet-stacking truck;
— pallet truck;
— platform and stillage truck;
— pallet truck end controlled;
— order-picking truck;
— centre-controlled order-picking truck;
— towing, pushing tractor and burden carrier;
— towing and stacking tractor;
— side-loading truck (one side only);
— rough-terrain truck;
— rough-terrain variable-reach truck;
— slewing rough-terrain variable-reach truck;
— variable-reach container handler;
— counterbalance container handler;
— lateral-stacking truck (both sides);
— lateral-stacking truck (three sides);
— non-stacking low-lift straddle carrier;
— multi-directional lift truck.

SIST EN 16796-2:2017
2017-03 (po) (en;fr;de) 10 str. (C)
Vozila za talni transport - Energijska učinkovitost - Preskusne metode - 2. del: Vozila za talni transport z upravljavcem in lastnim pogonom, vlačilci in vozila za prevoz bremen
Energy efficiency of Industrial trucks - Test methods - Part 2 : Operator controlled self-propelled trucks, towing tractors and burden-carrier trucks
Osnova: EN 16796-2:2016
ICS: 27.015, 53.060

This European Standard specifies the method of energy consumption measurement for the following types of industrial trucks as defined in ISO 5053-1:
— counterbalance lift truck;
— articulated counterbalance lift truck;
— lorry-mounted truck;
— reach truck (with retractable mast or fork arm carriage);
— straddle truck;
— pallet-stacking truck,
— pallet truck;
— platform and stillage truck;
— pallet truck end controlled;
— order-picking truck;
— centre-controlled order-picking truck;
— towing, pushing tractor and burden carrier;
— towing and stacking tractor;
— side-loading truck (one side only);
— lateral-stacking truck (both sides);
— lateral-stacking truck (three sides);
— non-stacking low-lift straddle carrier;
— multi-directional lift truck.
This part is intended to be used in conjunction with EN 16796-1.

SIST EN 16796-3:2017
2017-03 (po) (en;fr;de) 7 str. (B)
Vozila za talni transport - Energijska učinkovitost - Preskusne metode - 3. del: Vozila za delo z zabojniki
Energy efficiency of Industrial trucks - Test methods - Part 3 : Container handling lift trucks
Osnova: EN 16796-3:2016
ICS: 27.015, 53.060

This European Standard specifies the method of energy consumption measurement for container handling lift trucks, as defined in ISO 5053-1.
This part is intended to be used in conjunction with EN 16796-1.

SIST EN 16851:2017
2017-03 (po) (en;fr;de) 51 str. (J)
Žerjavi - Lahki žerjavni sistemi
Cranes - Light crane systems
Osnova: EN 16851:2017
ICS: 53.020.20

This European Standard applies to
- light crane systems consisting of one or more lifting devices, bridges and their tracks;
- wall-mounted, pillar and workshop jib cranes.
This European Standard is applicable to cranes and crane systems, whose structures are made of steel or aluminium, excluding aluminium structures containing welded joints.
This European Standard is not applicable to erection or dismantling operations or changing the configuration of the crane.

This European Standard gives requirements for all significant hazards, hazardous situations and events relevant to cranes, when used as intended and under conditions foreseen by the manufacturer (see Clause 4).
The specific hazards due to potentially explosive atmospheres, ionising radiation, operation in electromagnetic fields beyond the range of EN 61000-6-2 and operation in pharmacy or food industry are not covered by this European Standard.
This European Standard does not include requirements for the lifting of persons.
This European Standard is applicable to cranes, which are manufactured after the date of approval by CEN of this European Standard.

SIST EN 16974:2017
2017-03 (po) (en;fr;de) 12 str. (C)
Naprave za kontinuirni transport - Trakovi tračnih transporterjev - Kotalni upor trakov tračnih transporterjev v odvisnosti od širine pasu - Zahteve, preskušanje
Conveyor belts - Indentation rolling resistance of conveyor belts related to belt width - Requirements, testing
Osnova: EN 16974:2016
ICS: 53.040.20

This draft European Standard defines a method for the determination of the width related indentation rolling resistance of conveyor belts. The goal is that the method easily and quickly delivers values which are reproducible and relevant for the practical use. The test results enable a comparing evaluation and the design of belt conveyors with steelcord and fabric conveyor belts. This draft European Standard is not suitable or valid for light conveyor belts described in EN ISO 21183-1.

SIST EN ISO 15236-1:2017 SIST EN ISO 15236-1:2006
2017-03 (po) (en;fr;de) 22 str. (F)
Naprave za kontinuirni transport - Trakovi tračnih transporterjev z jeklenimi vrvmi - 1. del: Zgradba traku, mere in mehanske zahteve trakov za splošne namene (ISO 15236-1:2016)
Steel cord conveyor belts - Part 1: Design, dimensions and mechanical requirements for conveyor belts for general use (ISO 15236-1:2016)
Osnova: EN ISO 15236-1:2016
ICS: 53.040.20

This part of ISO 15236 specifies the performance and constructional requirements applicable to conveyor belts having steel cords in the longitudinal direction as reinforcement. The requirements for construction given in Clause 6 apply to the design of single belts, as well as the design of complete type series such as those covered in ISO 15236-2.

SIST EN ISO 15236-2:2017 SIST EN ISO 15236-2:2004
2017-03 (po) (en;fr;de) 14 str. (D)
Naprave za kontinuirni transport - Trakovi tračnih transporterjev z jeklenim vložkom - 2. del: Zaželeni tipi trakov (ISO 15236-2:2017)
Steel cord conveyor belts - Part 2: Preferred belt types (ISO 15236-2:2017)
Osnova: EN ISO 15236-2:2017
ICS: 53.040.20

This document specifies preferred types of conveyor belts with steel cords in the longitudinal direction as reinforcement. The belt type series in this document are based on the general requirements for construction given in ISO 15236-1.

SIST EN ISO 3691-3:2017 SIST EN 1726-2:2002

2017-03 (po) (en;fr;de) 23 str. (F)

Vozila za talni transport - Varnostne zahteve in preverjanje - 3. del: Dodatne zahteve za vozila z dvižnim položajem upravljavca in za vozila, posebej zasnovana za vožnjo z dvignjenim bremenom (ISO 3691-3:2016)

Industrial trucks - Safety requirements and verification - Part 3: Additional requirements for trucks with elevating operator position and trucks specifically designed to travel with elevated loads (ISO 3691-3:2016)

Osnova: EN ISO 3691-3:2016

ICS: 53.060

This part of ISO 3691 gives safety requirements and the means for their verification, additional to those of ISO 3691-1, for industrial trucks with a vertical, non-tilting mast:

a) those trucks having an elevating operator position, and order-picking trucks, as defined in ISO 5053-1, where the elevating operator position and the load-handling device lifts to a height of more than 1 200 mm above ground level;

b) lateral- and front-stacking trucks, as defined in ISO 5053-1, designed to travel with a load-handling device elevated more than 1 200 mm above ground level, with the load-handling device elevated, lowered or laterally displaced, laden or unladen, while the truck is travelling.

These trucks are designed to travel indoors on a smooth, level surface (e.g. concrete) and can be guided,

unguided, or both, when in use; they are not intended to tow or push.

This part of ISO 3691 is not applicable to stacker trucks which handle two loads, one on the forks and the other on the support arms, this type of truck being covered by ISO 3691-1.

It is not applicable to trucks with an elevating operator position up to and including 1 200 mm, or to trucks specifically designed to travel with an elevated load having a fork height up to and including 1 200 mm above ground level.

It is not applicable to low-level order pickers with elevating operator's position up to and including 1 200 mm lift height which can be equipped with an additional load lifting device having a maximum lift height of 1 800 mm from ground level.

This part of ISO 3691 deals with all significant hazards, hazardous situations, or hazardous events, as listed in Annex A, relevant to the applicable machines when used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer.

It does not establish requirements for hazards that can occur when using trucks on public roads or when operating in potentially explosive atmospheres.

Regional requirements, additional to the requirements given in this part of ISO 3691, are addressed in ISO/TS 3691-7 and ISO/TS 3691-8.

SIST EN ISO 703:2017 SIST EN ISO 703:2008

2017-03 (po) (en;fr;de) 13 str. (D)

Naprave za kontinuirni transport - Trakovi tračnih transporterjev - Prečna upogibnost - Preskusna metoda (ISO 703:2017)

Conveyor belts - Transverse flexibility (troughability) - Test method (ISO 703:2017)

Osnova: EN ISO 703:2017

ICS: 53.040.20

This document specifies a test method for determining the transverse flexibility (troughability) of a conveyor belt, expressed as a ratio, *F*/*L*. The method is not suitable or valid for light conveyor belts as described in ISO 21183-1.

NOTE The transverse "flexibility" determined by the method described in this document is only indirectly associated with the inverse of flexural modulus as specified in ISO 178. Nor does it take into consideration the differences in "flexibility" as exhibited by three-point and four-point bending, which takes account of the flexural strain and the thickness of the test piece.

SIST EN ISO 9856:2017 SIST EN ISO 9856:2004
SIST EN ISO 9856:2004/A1:2012

2017-03 (po) (en;fr;de) 14 str. (D)

Naprave za kontinuirni transport - Trakovi tračnih transporterjev - Določitev elastičnega in trajnega raztezka ter izračun modula elastičnosti (ISO 9856:2016)

Conveyor belts - Determination of elastic and permanent elongation and calculation of elastic modulus (ISO 9856:2016)

Osnova: EN ISO 9856:2016
ICS: 53.040.20

This International Standard specifies a method for determining the elastic and permanent elongation of a conveyor belt and the calculation of the elastic modulus.
It is not applicable or valid for light conveyor belts as described in ISO 21183-1.

SIST/TC EPO Embalaža - prodajna in ovojna

SIST EN 14375:2017 SIST EN 14375:2004
SIST EN 14375:2004/AC:2006

2017-03 (po) (en;fr;de) 17 str. (E)

Embalaža za farmacevtske proizvode, ki je ni mogoče večkrat zapreti in je varna za otroke - Zahteve in preskusni postopki

Child-resistant non-reclosable packaging for pharmaceutical products - Requirements and testing

Osnova: EN 14375:2016
ICS: 11.120.01, 97.190, 55.020

This European Standard specifies performance requirements and methods of test for non-reclosable packaging that have been designated child-resistant. This standard is intended for type approval only (see 3.5) and is not intended for quality assurance purposes.

SIST EN 15433-6:2017 SIST EN 15433-6:2008

2017-03 (po) (en;fr;de) 16 str. (D)

Obremenitve pri transportu - Merjenje in vrednotenje dinamično mehanskih obremenitev - 6. del: Sistemi za avtomatsko beleženje pri merjenju naključnih sunkov, ki se pojavljajo med spremljanjem transporta

Transportation loads - Measurement and evaluation of dynamic-mechanical loads - Part 6: Automatic recording systems for measuring randomly occurring shock during monitoring of transports

Osnova: EN 15433-6:2016
ICS: 55.180.01

This European Standard specifies the technical and functional properties of automatic recording equipment used to determine randomly appearing shocks during transportation.
Such automatic recording equipment can be used to:
- determine mechanical shock loads on individual transportations;
- monitor the transportation means to observe the limits of the shock parameters;
- determine the shock loads on the transported item.

This standard defines the sensors to be attached to the device, and specifies the minimum requirements for the parameters to be adjusted. It also defines the minimum requirements for the data analysis, as well as the data presentation.
This standard covers the complete recording equipment, including its accelerometers and the data analysis in an external data processing unit. The accelerometers can be integrated into the device or separately mounted from it (external sensors).
This standard also applies to the routine monitoring of individual transportations.

SIST EN 862:2017 SIST EN 862:2006

2017-03 (po) (en;fr;de) 18 str. (E)

Embalaža - Embalaža, varna za otroke - Zahteve in preskusni postopki za embalažo, ki je ni mogoče večkrat zapreti in ni za farmacevtske proizvode

Packaging - Child-resistant packaging - Requirements and testing procedures for non-reclosable packages for non-pharmaceutical products

Osnova: EN 862:2016

ICS: 97.190, 55.020

This European Standard specifies performance requirements and methods of test for non-reclosable packaging that has been designated child-resistant and which is intended to contain non-pharmaceutical products. This standard is intended for type approval only (2.5) and is not intended for quality assurance purposes.

This European Standard applies to non-reclosable packages of the single-use type consisting of one or more individual units.

Non-reclosable packages for pharmaceutical products are excluded from the scope of this standard. These are the subject of a separate standard, EN 14375 Child-resistant non-reclosable packaging for pharmaceutical products - Requirements and testing.

SIST EN ISO 13355:2017 SIST EN ISO 13355:2003

2017-03 (po) (en;fr;de) 17 str. (E)

Embalaža - Celovita, napolnjena transportna embalaža - Navpični naključni vibracijski preskus (ISO 13355:2016)

Packaging - Complete, filled transport packages and unit loads - Vertical random vibration test (ISO 13355:2016)

Osnova: EN ISO 13355:2016

ICS: 55.180.40

This International Standard specifies a method to carry out a vertical random vibration test on a complete, filled transport package(s) and unit loads using random excitation1). This document also

provides methods for assessing the performance of a package in terms of its strength or the protection that it offers to its contents when it is subjected to vertical vibration. The test discussed in this document can be performed either as a single test to investigate the effects of vertical vibration, or as a part of a sequence of tests designed to measure the ability of a test specimen to withstand a distribution system that includes a vibration hazard.

NOTE In this International Standard, a package or unit load is referred to as test specimen.

SIST/TC IFEK Železne kovine

SIST EN 10056-1:2017 SIST EN 10056-1:2000

2017-03 (po) (en;fr;de) 21 str. (F)

Kotni (L) jekleni profili z enakimi in različnimi kraki - 1. del: Mere

Structural steel equal and unequal leg angles - Part 1: Dimensions

Osnova: EN 10056-1:2017

ICS: 77.140.70

This European Standard specifies requirements for the nominal dimensions of hot-rolled equal and unequal leg angles. This European Standard does not apply to angles with square roots. These requirements do not apply to equal and unequal leg angles rolled from stainless steel.

SIST EN 10365:2017
2017-03 (po) (en;fr;de) 33 str. (H)
Vroče valjani jekleni profili I in H - Mere in mase
Hot rolled steel channels, I and H sections - Dimensions and masses
Osnova: EN 10365:2017
ICS: 77.140.70

This European Standard specifies the nominal dimensions and masses of the hot rolled steel channels, I and H sections.
The following shapes are covered by this European Standard:
Sections:
- Parallel flange I sections IPE
- Wide flange beams HE
- Extra wide flange beams HL
- Wide flange columns HD
- Wide flange bearing piles HP and UBP
- Universal beams UB
- Universal columns UC
- Taper flange I sections IPN and J
Channels:
- Parallel flange channels UPE and PFC
- Taper flange channels UPN, U and CH
These requirements do not apply to hot rolled steel channels, I and H sections from stainless steel.

SIST/TC IKER Keramika

SIST-TP CEN/TR 17024:2017
2017-03 (po) (en;fr;de) 25 str. (F)
Naravni kamen - Navodila za uporabo naravnega kamna
Natural stones - Guidance for use of natural stones
Osnova: CEN/TR 17024:2017
ICS: 91.100.15

This Technical Report applies to natural stone products intended for masonry elements, wall coverings (including tiles), interior floor and stair finishes (including tiles) and exterior floor and stair finishes (including paving), as well as massive stone elements. It provides guidance for the application and the use of natural stone products in accordance with European product standards. This document does not deal with coatings or staining problems, and does not take into account treatments which may modify the performance characteristics of the materials. This document does not apply to agglomerated stones and aggregates.

SIST/TC IMKG Mehanizacija za kmetijstvo in gozdarstvo

SIST EN 609-1:2017 SIST EN 609-1:1999+A2:2010
2017-03 (po) (en;fr;de) 59 str. (J)
Kmetijski in gozdarski stroji - Varnost cepilnikov lesa - 1. del: Cepilniki s klinom
Agricultural and forestry machinery - Safety of log splitters - Part 1: Wedge splitters
Osnova: EN 609-1:2017
ICS: 65.060.80

This European Standard specifies safety requirements, and their verification for the design and construction of wedge splitters, designed to be used (operated?) by one operator for splitting logs for firewood, irrespective of the nature of the power source used. Automatic or semi-automatic wedge splitters are to be included within the scope of the standard. Firewood processors are excluded from the scope of the standard.

This standard describes methods for the elimination or reduction of risks arising from their use. In addition, it specifies the type of information on safe working practices to be provided by the manufacturer.
The list of significant hazards dealt with is given in annex A. Annex A also indicates the hazards which have not been dealt with.
This European Standard applies primarily to machines which are manufactured after the date of issue of the standard.

SIST EN ISO 5395-2:2014/A1:2017
2017-03 (po) (en;fr;de) 9 str. (C)
Oprema za nego vrta - Varnostne zahteve za motorne vrtne kosilnice - 2. del: Ročno vodene vrtne kosilnice - Dopolnilo A1: OPC, sredstva za rezanje, cevi pod tlakom (ISO 5395-2:2013/Amd 1:2016)
Garden equipment - Safety requirements for combustion-engine-powered lawnmowers - Part 2: Pedestrian-controlled lawnmowers - Amendment 1: OPC, cutting means, pressurized hoses (ISO 5395-2:2013/Amd 1:2016)
Osnova: EN ISO 5395-2:2013/A1:2016
ICS: 65.060.70

Dopolnilo A1 je dodatek k standardu SIST EN ISO 5395-2:2014.
Ta del standarda ISO 5395 določa varnostne zahteve in njihovo preverjanje za motorne ročno vodene rotacijske vrtne kosilnice in cilindrične vrtne kosilnice, vključno z ročno vodenimi kosilnicami z vozom za košnjo v sedečem položaju (v nadaljnjem besedilu: »vrtna kosilnica«), ki so opremljene z: – kovinskim rezalnim mehanizmom in/ali – nekovinskim rezalnim mehanizmom z enim ali več rezalnimi elementi, ki so vrtljivo nameščeni na splošno krožno pogonsko enoto, pri čemer se ti rezalni elementi zanašajo na centrifugalno silo, da dosežejo rezanje, s kinetično energijo enega rezalnega elementa, ki presega 10 J. Ta del standarda ISO 5395 se ne uporablja za: – robotske in daljinsko vodene vrtne kosilnice, mulčerje, kosilnice za travišča, kosilnice s srpom na drogu, vlečene/polpriklopne stroje za košnjo trave in stroje za odstranjevanje grmičev; – vrtne kosilnice na električni in baterijski pogon; – ročno vodene vrtne kosilnice z nihajnim ročajem.

SIST EN ISO 5395-3:2014/A1:2017
2017-03 (po) (de) 11 str. (C)
Oprema za nego vrta - Varnostne zahteve za motorne vrtne kosilnice - 3. del: Kosilnice s sedežem za košnjo v sedečem položaju - Dopolnilo A1 (ISO 5395-3:2013/Amd 1:2017)
Garden equipment - Safety requirements for combustion-engine-powered lawnmowers - Part 3: Ride-on lawnmowers with seated operator (ISO 5395-3:2013/Amd 1:2017)
Osnova: EN ISO 5395-3:2013/A1:2017
ICS: 65.060.70

Dopolnilo A1 je dodatek k standardu SIST EN ISO 5395-3:2014.
Ta del standarda ISO 5395 določa varnostne zahteve in njihovo preverjanje za motorne vrtne kosilnice s sedežem za košnjo v sedečem položaju in cilindrične vrtne kosilnice (v nadaljnjem besedilu: »vrtna kosilnica«), ki so opremljene z: – kovinskim rezalnim mehanizmom in/ali – nekovinskim rezalnim mehanizmom z enim ali več rezalnimi elementi, ki so vrtljivo nameščeni na splošno krožno pogonsko enoto, pri čemer se ti rezalni elementi zanašajo na centrifugalno silo, da dosežejo rezanje, s kinetično energijo enega rezalnega elementa, ki presega 10 J. Ta del standarda ISO 5395 se ne uporablja za: – robotske in daljinsko vodene vrtne kosilnice, mulčerje, kosilnice za travišča, kosilnice s srpom na drogu, vlečene/polpriklopne stroje za košnjo trave in stroje za odstranjevanje grmičev; – sestave za košnjo, kadar se uporabljajo v kombinaciji s kmetijskim traktorjem; – vrtne kosilnice na električni in baterijski pogon.

SIST/TC IPKZ Protikorozijska zaščita kovin

SIST EN ISO 12696:2017 SIST EN ISO 12696:2012
2017-03 (po) (en;fr;de) 56 str. (J)
Katodna zaščita jekla v betonu (ISO 12696:2016)
Cathodic protection of steel in concrete (ISO 12696:2016)
Osnova: EN ISO 12696:2016
ICS: 91.080.40, 77.140.15, 77.060

This document specifies performance requirements for cathodic protection of steel in cement-based concrete, in both new and existing structures. It covers building and civil engineering structures, including normal reinforcement and prestressed reinforcement embedded in the concrete. It is applicable to uncoated steel reinforcement and to organic-coated steel reinforcement.
This document applies to steel embedded in atmospherically exposed, buried, immersed and tidal elements of buildings or structures.
NOTE 1 Annex A gives guidance on the principles of cathodic protection and its application to steel in concrete.
NOTE 2 This document, while not specifically intended to address cathodic protection of steel in any electrolyte except concrete, can be applied to cathodic protection of steel in other cementitious materials such as are found, for example, in early 20th century steel-framed masonry, brick and terracotta clad buildings. In such applications, additional considerations specific to these structures are required in respect of design, materials and installation of cathodic protection; however, the requirements of this document can be applied to these systems.

SIST/TC IPMA Polimerni materiali in izdelki

SIST EN 15425:2017 SIST EN 15425:2009
2017-03 (po) (en;fr;de) 17 str. (E)
Lepila - Enokomponentni poliuretan (PUR) za nosilne lesene konstrukcije - Razvrstitev in zahtevane lastnosti
Adhesives - One component polyurethane (PUR) for load-bearing timber structures - Classification and performance requirements
Osnova: EN 15425:2017
ICS: 91.080.20, 83.180

This European Standard establishes a classification for one component polyurethane (PUR) adhesives according to their suitability for use in load-bearing timber structures in defined climatic exposure conditions; it specifies performance requirements for such adhesives for the factory manufacture or factory like manufacturing of load-bearing timber structures only.
It also classifies “adhesive lines” where all the products within the line have almost identical physical/chemical properties and gluing performance, but different reactivity.
This European Standard only specifies the performance of adhesives for use in an environment corresponding to the defined conditions.
The performance requirements of this European Standard apply to the adhesives only, not to the timber structure. This European Standard does not cover the performance of adhesives for on-site gluing (except for factory-like conditions) nor the production of wood-based panels, except solid wood panels, or modified and stabilized wood with considerably reduced swelling and shrinkage properties, e.g. such as acetylated wood, heat treated wood and polymer impregnated wood.
This European Standard is primarily intended for the use of adhesive manufacturers and for the use in timber structures bonded with adhesives, to assess or control the quality of adhesives. The requirements apply to the type testing of the adhesives. Production control activities are outside the scope of this European Standard.
Adhesives meeting the requirements of this European Standard are adequate for use in load-bearing timber structure, provided that the bonding process has been carried out according to an appropriate product standard.

SIST EN ISO 25137-1:2017
2017-03 (po) (en;fr;de) 18 str. (E)
Polimerni materiali - Sulfonski polimerni materiali za brizganje in ekstrudiranje - 1. del: Sistem označevanja in podlage za specifikacije (ISO 25137-1:2009)
Plastics - Sulfone polymer moulding and extrusion materials - Part 1: Designation system and basis for specifications (ISO 25137-1:2009)
Osnova: EN ISO 25137-1:2017
ICS: 83.080.20

ISO 25137-1:2009 establishes a system of designation for sulfone polymer moulding and extrusion materials, including polysulfone (PSU), polyethersulfone (PESU) and polyphenylsulfone (PPSU), which may be used as the basis for specifications.
The types of sulfone plastic are differentiated from each other by a classification system based on appropriate levels of the designatory properties temperature of deflection under load, melt mass-flow rate, Charpy notched impact strength, tensile modulus and yield stress, and on information about composition, intended application and/or method of processing, important properties, additives, colorants, fillers and reinforcing materials.
This part of ISO 25137 is applicable to all sulfone polymers that contain ether oxygen, which is a necessary component of the polymers as in the diphenyl sulfone moiety.
It applies to sulfone polymer materials ready for normal use in the form of powder, granules or pellets, unmodified or modified by colorants, additives, fillers, etc.

SIST EN ISO 25137-2:2017
2017-03 (po) (en;fr;de) 12 str. (C)
Polimerni materiali - Sulfonski polimerni materiali za brizganje in ekstrudiranje - 2. del: Priprava preskušancev in ugotavljanje lastnosti (ISO 25137-2:2009)
Plastics - Sulfone polymer moulding and extrusion materials - Part 2: Preparation of test specimens and determination of properties (ISO 25137-2:2009)
Osnova: EN ISO 25137-2:2017
ICS: 83.080.20

ISO 25137-2:2009 specifies the methods of preparation of test specimens and the test methods to be used in determining the properties of sulfone polymer moulding and extrusion materials. Requirements for handling test material and for conditioning both the test material before moulding and the specimens before testing are given. Procedures and conditions for the preparation of test specimens and procedures for measuring properties of the materials from which these specimens are made are given. Properties and test methods which are suitable and necessary to characterize sulfone polymer moulding and extrusion materials are listed.
The properties have been selected from the general test methods in ISO 10350-1. Other test methods in wide use for, or of particular significance to, these moulding and extrusion materials are also included in this part of ISO 25137, as are the designatory properties specified in Part 1.

SIST EN ISO 4641:2017 SIST EN ISO 4641:2012
2017-03 (po) (en;fr;de) 18 str. (E)
Gumene cevi in cevni priključki za dotok in odtok vode - Specifikacija (ISO 4641:2016)
Rubber hoses and hose assemblies for water suction and discharge - Specification (ISO 4641:2016)
Osnova: EN ISO 4641:2016
ICS: 23.040.70

This document specifies the minimum requirements for textile-reinforced, smooth-bore rubber watersuction and discharge hoses and hose assemblies.
Three types of hoses and hose assemblies are specified according to their operating duty requirements, i.e. their ambient and water temperature ranges:
— ambient temperatures: −25 °C to +70 °C;
— water temperatures during operation: 0 °C to +70 °C.

SIST EN ISO 8033:2017 SIST EN ISO 8033:2006
2017-03 (po) (en) 20 str. (E)
Gumene in polimerne cevi - Ugotavljanje adhezije med komponentami (ISO 8033:2016)
Rubber and plastics hoses - Determination of adhesion between components (ISO 8033:2016)
Osnova: EN ISO 8033:2017
ICS: 23.040.70

This document specifies methods for the determination of the adhesion between lining and reinforcement, between cover and reinforcement, between reinforcement layers, between cover and outer lamination (thin layer of material outside the cover for protection) and between lining and inner lamination (thin layer of material inside the lining to reduce permeation of fluid into the lining). It covers all bore sizes and the following types of hose construction:
— woven textile fabric;
— braided textile fabric;
— knitted textile fabric;
— circular-woven textile fabric;
— textile spiral;
— textile cord;
— wire braid;
— wire spiral;
— hoses containing a supporting helix.
Adequate adhesion between the various components of a hose is essential if it is to perform satisfactorily in service.

SIST/TC ISEL Strojni elementi

SIST EN ISO 16610-28:2017
2017-03 (po) (en;fr;de) 28 str. (G)
Specifikacije geometrijskih veličin izdelka (GPS) - Filtriranje - 28. del: Profilni filtri: končni učinki (ISO 16610-28:2016)
Geometrical product specifications (GPS) - Filtration - Part 28: Profile filters: End effects (ISO 16610-28:2016)
Osnova: EN ISO 16610-28:2016
ICS: 17.040.20, 17.040.40

This part of ISO 16610 provides methods for treating the end effects of linear profile filters where such effects occur.

SIST EN ISO 16610-31:2017
2017-03 (po) (en;fr;de) 20 str. (E)
Specifikacije geometrijskih veličin izdelka (GPS) - Filtriranje - 31. del: Robustni filtrni profil: Gaussovi regresijski filtri (ISO 16610-31:2016)
Geometrical product specifications (GPS) - Filtration - Part 31: Robust profile filters: Gaussian regression filters (ISO 16610-31:2016)
Osnova: EN ISO 16610-31:2016
ICS: 17.040.20, 17.040.40

This part of ISO 16610 specifies the characteristics of the discrete robust Gaussian regression filter for the evaluation of surface profiles with spike discontinuities such as deep valleys and high peaks.

SIST/TC ITEK Tekstil in tekstilni izdelki

SIST EN ISO 12947-2:2017 SIST EN ISO 12947-2:1999
SIST EN ISO 12947-2:1999/AC:2006

2017-03 (po) (en;fr;de) 22 str. (F)

Tekstilije - Ugotavljanje odpornosti tekstilij proti drgnjenju po Martindalovi metodi - 2. del: Ugotavljanje uničenja vzorca (ISO 12947-2:2016)

Textiles - Determination of the abrasion resistance of fabrics by the Martindale method - Part 2: Determination of specimen breakdown (ISO 12947-2:2016)

Osnova: EN ISO 12947-2:2016
ICS: 59.080.30

This document specifies the procedure for the determination of specimen breakdown (end-point of test) by inspection at fixed intervals and is applicable to all textile fabrics including nonwovens apart from fabrics where the specifier indicates the end performance as having a low abrasion wear life. This document is not applicable to coated fabrics (including laminated fabrics). If the abrasion behavior of the coated surface of a coated fabric is to be determined, use the methods described in the various parts of ISO 5470.

SIST EN ISO 1421:2017 SIST EN ISO 1421:1999

2017-03 (po) (en;fr;de) 20 str. (E)

Gumirane ali plastificirane tekstilije - Ugotavljanje natezne trdnosti in pretržnega raztezka (ISO 1421:2016)

Rubber- or plastics-coated fabrics - Determination of tensile strength and elongation at break (ISO 1421:2016)

Osnova: EN ISO 1421:2016
ICS: 59.080.40

This International Standard specifies two methods for the determination of the tensile strength of fabrics coated with rubber or plastics.
— Method 1 — the strip test method, which is a method for the determination of tensile strength and
elongation at break.
— Method 2 — the grab test method, which is a method for the determination of tensile strength only.
The methods apply to test pieces in equilibrium with specific standard atmospheres for testing and to wet test pieces. Both methods require the use of a constant rate of extension (CRE) tensile-testing machine.

SIST/TC IVAR Varjenje

SIST EN ISO 10675-1:2017 SIST EN ISO 10675-1:2013

2017-03 (po) (en;fr;de) 17 str. (E)

Neporušitveno preskušanje zvarov - Stopnje sprejemljivosti pri radiografiji - 1. del: Jeklo, nikelj, titan in njihove zlitine (ISO 10675-1:2016)

Non-destructive testing of welds - Acceptance levels for radiographic testing - Part 1: Steel, nickel, titanium and their alloys (ISO 10675-1:2016)

Osnova: EN ISO 10675-1:2016
ICS: 25.160.40

This document specifies acceptance levels for indications from imperfections in butt welds of steel, nickel, titanium and their alloys detected by radiographic testing. If agreed, the acceptance levels can be applied to other types of welds or materials.
The acceptance levels can be related to welding standards, application standards, specifications or

codes. This document assumes that the radiographic testing has been carried out in accordance with ISO 17636-1 and ISO 17636-2.
When assessing whether a weld meets the requirements specified for a weld quality level, the sizes of imperfections permitted by standards are compared with the dimensions of indications revealed by a radiograph made of the weld.

SIST EN ISO 17635:2017 SIST EN ISO 17635:2010
2017-03 (po) (en;fr;de) 20 str. (E)
Neporušitveno preskušanje zvarov - Splošna pravila za kovinske materiale (ISO 17635:2016)
Non-destructive testing of welds - General rules for metallic materials (ISO 17635:216)
Osnova: EN ISO 17635:2016
ICS: 25.160.40

This document gives guidelines for the choice of non-destructive testing (NDT) methods for welds and evaluation of the results for quality control purposes, based on quality requirements, material, weld thickness, welding process and extent of testing.
This document also specifies general rules and standards to be applied to the different types of testing, for either the methodology or the acceptance levels for metallic materials.
Acceptance levels cannot be a direct interpretation of the quality levels defined in ISO 5817 or ISO 10042. They are linked to the overall quality of the produced batch of welds.
Requirements for acceptance levels for NDT comply with quality levels stated in ISO 5817 or ISO 10042 (moderate, intermediate, stringent) only on a general basis and not in detail for each indication.
Annex A gives correlations between quality, NDT and acceptance level standards.
Annex B gives an overview of the standards linked to quality levels, acceptance levels and NDT methods.

SIST EN ISO 17637:2017 SIST EN ISO 17637:2011
2017-03 (po) (en;fr;de) 17 str. (E)
Neporušitveno preskušanje zvarov - Vizualni pregled zvarnih spojev pri talilnem varjenju (ISO 17637:2016)
Non-destructive testing of welds - Visual testing of fusion-welded joints (ISO 17637:2016)
Osnova: EN ISO 17637:2016
ICS: 25.160.40

This document specifies the visual testing of fusion welds in metallic materials. It may also be applied to visual testing of the joint prior to welding.

SIST EN ISO 17638:2017 SIST EN ISO 17638:2010
2017-03 (po) (en;fr;de) 22 str. (F)
Neporušitveno preskušanje zvarov - Preskušanje z magnetnimi delci (ISO 17638:2016)
Non-destructive testing of welds - Magnetic particle testing (ISO 17638:2016)
Osnova: EN ISO 17638:2016
ICS: 25.160.40

This document specifies techniques for detection of surface imperfections in welds in ferromagnetic materials, including the heat affected zones, by means of magnetic particle testing. The techniques are suitable for most welding processes and joint configurations. Variations in the basic techniques that will provide a higher or lower test sensitivity are described in Annex A. This document does not specify acceptance levels of the indications. Further information on acceptance levels for indications may be found in ISO 23278 or in product or application standards.

SIST/TC IŽNP Železniške naprave

SIST EN 13146-10:2017
2017-03 (po) (en;fr;de) 8 str. (B)
Železniške naprave - Zgornji ustroj - Preskušanje pritrdilnih sistemov - 10. del: Obremenitveni preskus odpornosti "pull-out"
Railway applications - Track - Test methods for fastening systems - Part 10: Proof load test for pull-out resistance
Osnova: EN 13146-10:2017
ICS: 93.100

This European Standard specifies a test procedure to confirm that the force necessary to pull the anchorage of a rail fastening assembly out of the sleeper or other supporting element is greater than a prescribed value (i.e. it is a 'proof load' test).
This test is for components of the fastening system which are
a) cast into concrete during the manufacture of sleepers or other supporting elements,
b) glued into the cast or drilled holes in concrete, or
c) screwed or otherwise attached to wood, plastic or steel sleepers or other supporting elements.
This test is not applicable to embedded rails.

SIST EN 15551:2017 SIST EN 15551:2009+A1:2010
2017-03 (po) (en;fr;de) 81 str. (M)
Železniške naprave - Železniška vozila - Odbojniki
Railway applications - Railway rolling stock - Buffers
Osnova: EN 15551:2017
ICS: 45.060.01

This European Standard defines the requirements for buffers with 105 mm, 110 mm and 150 mm stroke for vehicles or units which use buffers and screw coupling at the coupling interface with other interoperable rolling stock. It covers the functionality, interfaces and testing procedures, including pass fail criteria, for buffers.
NOTE Typically, buffers with a stroke of 105 mm are used on freight wagons and locomotives, buffers with a stroke of 110 mm are used on coaches and locomotives and buffers with a stroke of 150 mm are used on freight wagons.
It defines the different categories of buffers, the space envelope, static and dynamic characteristics and energy absorption.
It includes a calculation method to determine the minimum size of the buffer head to avoid override between buffers.
It defines the static and dynamic characteristics of the elastic systems.
It also defines the requirements for buffers with integrated crash elements (crashworthy buffers) for tank wagons only according to RID.
The requirements of this European Standard also apply to locomotives and passenger coaches which have to meet the crashworthiness requirements of EN 15227 for buffers in normal service only. The properties for the energy absorbing function are defined in EN 15227 and the requirements specified in Clause 7 for tank wagons according to RID are not applicable to locomotives and passenger coaches.
Diagonal buffers are excluded from this European Standard.
For vehicles which have to comply with crashworthiness requirements (locomotives, cab cars or passenger coaches according to EN 15227, tank wagons according to RID), typically crashworthy buffers (buffers with a deformable housing and/or the need for an opening in their mounting flange) or buffers which form part of a combined system consisting of a special buffer (e.g. middle flange buffer) and a deformation element are used. For these types of buffers, interoperability is possible, but interchangeability with freight wagon buffers is not required, and therefore the requirements of 5.2 (Fixing on vehicle and interchangeability), 5.3 (Buffer dimensions) do not apply, those of 5.4 (mechanical characteristics of buffers) and 5.6 (marking) apply with restrictions.

SIST EN 16584-1:2017
2017-03 (po) (en;fr;de) 61 str. (K)
Železniške naprave - Načrtovanje za osebe z omejenimi gibalnimi sposobnostmi - Splošne zahteve - 1. del: Kontrast
Railway applications - Design for PRM Use - General requirements - Part 1: Contrast
Osnova: EN 16584-1:2017
ICS: 11.180.01, 45.020

This European Standard describes the specific 'Design for PRM use' requirements applying to both infrastructure and rolling stock and the assessment of those requirements. The following applies to this standard:
— The definitions and requirements describe specific aspects of 'Design for PRM use' required by persons with disabilities and persons with reduced mobility as defined in the PRM TSI.
— This standard defines elements that are universally valid for obstacle free travelling including lighting, contrast, tactile feedback, transmission of visual and acoustic information. The definitions and requirements of this standard cover the infrastructure and rolling stock applications.
— This standard only refers to aspects of accessibility for PRM passengers it does not define non PRM related requirements and definitions.
— This standard assumes that the infrastructure or rolling stock is in its defined operating condition.
— Where minimum or maximum dimensions are quoted these are absolute NOT nominal requirements.
The 'General requirements' standard is written in three parts:
This document is Part 1 and contains
— contrast;
Part 2 contains
— spoken information;
— written information;
— tactile information;
— pictograms;
Part 3 contains
— lighting;
— low reflective properties;
— transparent obstacles;
— slip resistance.

SIST EN 16584-2:2017
2017-03 (po) (en;fr;de) 92 str. (M)
Železniške naprave - Načrtovanje za osebe z omejenimi gibalnimi sposobnostmi - Splošne zahteve - 2. del: Informacije
Railway applications - Design for PRM Use - General Requirements - Part 2: Information
Osnova: EN 16584-2:2017
ICS: 11.180.01, 45.020

This European Standard describes the specific 'Design for PRM use' requirements applying to both infrastructure and rolling stock and the assessment of those requirements. The following applies to this standard:
— The definitions and requirements describe specific aspects of 'Design for PRM use' required by persons with disabilities and persons with reduced mobility as defined in the PRM TSI.
— This standard defines elements which are universally valid for obstacle free travelling including lighting, contrast, tactile feedback, transmission of visual and acoustic
information. The definitions and requirements of this standard cover the infrastructure and the rolling stock applications.
— This standard only refers to aspects of accessibility for PRM passengers it does not define non PRM related requirements and definitions.
— This standard assumes that the infrastructure or rolling stock is in its defined operating condition.

— Where minimum or maximum dimensions are quoted these are absolute NOT nominal requirements.
The 'General requirements' standard is written in three parts:
Part 1 contains
— contrast;
This document is Part 2 and contains
— spoken information;
— written information;
— tactile information;
— pictograms;
Part 3 contains
— lighting;
— low reflective properties;
— transparent obstacles;
— slip resistance.

SIST EN 16584-3:2017
2017-03 (po) (en;fr;de) 23 str. (F)
Železniške naprave - Načrtovanje za osebe z omejenimi gibalnimi sposobnostmi - Splošne zahteve - 3. del: Značilnosti optike in trenja
Railway Applications - Design for PRM Use - General Requirements - Part 3: Optical and Friction Characteristics
Osnova: EN 16584-3:2017
ICS: 11.180.01, 45.020

This European standard describes the specific 'Design for PRM use' requirements applying to both infrastructure and rolling stock and the assessment of those requirements. The following applies to this standard:
— The definitions and requirements describe specific aspects of 'Design for PRM use' required by persons with disabilities and persons with reduced mobility as defined in the PRM TSI.
— This standard defines elements that are universally valid for obstacle free travelling including lighting, contrast, tactile feedback, transmission of visual and acoustic information. The definitions and requirements of this standard cover the infrastructure and rolling stock applications.
— This standard only refers to aspects of accessibility for PRM passengers it does not define non PRM related requirements and definitions.
— This standard assumes that the infrastructure or rolling stock is in its defined operating condition.
— Where minimum or maximum dimensions are quoted these are absolute NOT nominal requirements.
The 'General requirements' standard is written in three parts:
Part 1 contains:
— contrast.
Part 2 contains:
— spoken information;
— written information;
— tactile information;
— pictograms.
This document is Part 3 and contains:
— lighting;
— low reflective properties;
— transparent obstacles;
— slip resistance.

SIST EN 16585-1:2017 SIST-TS CEN/TS 16635:2014

2017-03 (po) (en;fr;de) 40 str. (H)

Železniške naprave - Načrtovanje opreme in sestavnih delov na železniških vozilih za osebe z omejenimi gibalnimi sposobnostmi - 1. del: Stranišča

Railway Applications - Design for PRM Use Equipment and Components onboard Rolling Stock - Part 1: Toilets

Osnova: EN 16585-1:2017

ICS: 45.060.20, 11.180.01

This standard describes the specific "Design for PRM Use" requirements applying to rolling stock on the trans-European network (TEN) covered by the TSI for PRM and the assessment of those requirements.

The following definitions and requirements:

• the definitions and requirements describe specific aspects of "Design for PRM Use" required by people with reduced mobility as defined in TSI PRM;

• this standard defines elements which are universally valid for obstacle free travelling including toilets, elements for sitting/standing/moving and passageways/internal doors. The definitions and requirements of this standard are to be used for rolling stock applications;

• this part of the standard covers those requirements relating to "Toilets";

• the standard only refers to aspects of accessibility for PRM passengers. It does not define general requirements and general definitions for specific components and systems;

• this standard assumes that the vehicle is in the defined operating condition, any damages or operating failures will not be taken into account when assessing these requirements;

• where minimum or maximum dimensions are quoted these are absolute NOT nominal requirements.

The following areas of "Equipment and Components" from TSI PRM are covered in three parts:

• Part 1 contains:
• Toilets;
• Part 2 contains:
• Handholds;
• Seats;
• Wheelchair spaces;
• Part 3 contains:
• Passageways;
• Internal Doors.

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

SIST EN 16585-2:2017

2017-03 (po) (en;fr;de) 44 str. (I)

Železniške naprave - Načrtovanje za osebe z omejenimi gibalnimi sposobnostmi - Oprema in sestavni deli na železniških vozilih - 2. del: Elementi za sedenje, stanje in premikanje

Railway applications - Design for PRM Use - Equipment and Components onboard Rolling Stock - Part 2: Elements for sitting, standing and moving

Osnova: EN 16585-2:2017

ICS: 45.060.20, 11.180.01

This standard describes the specific 'Design for PRM Use' requirements applying to rolling stock on the Trans-European Network (TEN) covered by the TSI for PRM and the assessment of those specific requirements.

The following principles and requirements describe:

• The definitions and requirements describe specific aspects of 'Design for PRM Use' required by people with reduced mobility as defined in TSI PRM.

• This standard defines elements which are universally valid for obstacle free travelling including toilets, elements for sitting/standing/moving and passageways/internal doors. The definitions and requirements described
• This part of the standard covers those requirements relating to "Toilets".
• The standard only refers to aspects of accessibility for PRM passengers it does not define general requirements and assumes that the vehicle is in the defined operating condition, any damages or operating failures shall not be taken into account when assessing these requirements.
• This standard assumes that the vehicle is in the defined operating condition, any damages or operating failures shall not be taken into account when assessing these requirements.
The following areas of 'Equipment and Components' from TSI PRM are covered in 3 parts:
• Part 1 contains
• Toilets
• Part 2
• Handholds
• Seats
• Wheelchair spaces
• Part 3 contains
• Passageways
• Internal doors
• Internal Doors
This standard describes these areas with clear and consistent terms and definitions. Measured by methods and/or assessment procedures needed to establish a clear pass/fail assessment are provided where necessary.

SIST EN 16585-3:2017
2017-03 (po) (en;fr;de) 28 str. (G)
Železniške naprave - Načrtovanje za osebe z omejenimi gibalnimi sposobnostmi - Oprema in sestavni deli na železniških vozilih - 3. del: Prehodi in notranja vrata
Railway applications - Design for PRM use - Equipment and components onboarding Rolling Stock - Part 3: Passageways and internal doors
Osnova: EN 16585-3:2017
ICS: 45.060.20, 11.180.01

This standard describes the specific 'Design for PRM Use' requirements applying to rolling stock on the trans-European network (TEN) covered by the TSI for PRM. The definitions and requirements described
• The definitions and requirements describe specifically valid for obstacle free travelling including
• This standard defines elements which are universally valid for obstacle free travelling including toilets, elements for sitting/standing/moving and passageways/internal doors. The definitions and requirements described
• This part of the standard covers those requirements relating to "Toilets".
• This standard only refers to aspects of accessibility for PRM passengers it does not define general requirements and assumes that the vehicle is in the defined operating condition, any damages or operating failures shall not be taken into account when assessing these requirements.
• This standard assumes that the vehicle is in the defined operating condition, any damages or operating failures shall not be taken into account when assessing these requirements.
• Where minimum or maximum dimensions are quoted these are absolute NOT nominal requirements.
The following areas of 'Equipment and Components' from TSI PRM are covered in 3 parts:
Part 1 contains
• Toilets
Part 2
• Handholds
• Seats
• Wheels
• Wheelchair spaces
Part 3

• Pantograph
• Internal Doors
This standard will describe these areas with clear and consistent terms and definitions. Measurement methods and/or assessment procedures needed to establish a clear pass/fail assessment are provided where necessary.

SIST EN 16704-1:2017
2017-03 (po) (en;fr;de) 92 str. (M)
Železniške naprave - Zgornji ustroj proge - Zagotavljanje varnosti med delom na progi - 1. del: Tveganje in splošna načela za varovanje stalnih in mobilnih delovnih mest
Railway applications - Track - Safety protection on the track during work - Part 1: Railway risks and common principles for protection of fixed and mobile work sites
Osnova: EN 16704-1:2016
ICS: 13.100, 93.100

This standard provides requirements and measures to deal with the significant and specific railway risks during track works and with common principles for the protection of fixed and mobile work sites with trains circulating on the working track and on the adjacent track. Railway risks and protection measures for access and egress to/from the worksite are considered in the same way and protection measures for track work itself.
This standard is applicable to all operations related to track works activities on rail guided systems. Metro, tram and other light rail systems are excluded from the scope.
The following risks are taken into consideration:
• Risk 1: Personnel being struck by a train or injured due to wind drag from a train on the adjacent track;
• Risk 2: Personnel being struck by machine or injured by a train on the adjacent track (safety of the worker);
• Risk 3: Personnel being struck by machine or injured by a train on the adjacent track (safety of the operation);
• Risk 4: Machines, material or equipment being ejected by a train on the adjacent track (safety of the operation/safety of the worker);
• Risk 5: Personnel being electrified by fixed electrical equipment (safety of the worker).
This standard also provides requirements to the process of installing basic preventive measures when planning new infrastructure or installing corrective measures when adapting existing infrastructure.
This standard may be extended to outside parties when it is considered appropriate and reasonable by the infrastructure manager, if one or more of the 5 significant risks described inside this standard, arise as a result of their activities in proximity of the track.

SIST EN 16727-3:2017
2017-03 (po) (en;fr;de) 23 str. (F)
Železniške naprave - Zgornji ustroj proge - Protihrupne ovire in pripadajoče naprave, ki vplivajo na širjenje zvoka v zraku - Neakustične lastnosti - 3. del: Splošne varnostne in okoljske zahteve
Railway applications - Track - Noise barriers and related devices acting on airborne sound propagation - Non-acoustic performance - Part 3: General safety and environmental requirements
Osnova: EN 16727-3:2017
ICS: 17.140.30, 93.100

This European Standard specifies minimum requirements and other criteria for assessing the general safety and environmental performance of noise barriers and related devices acting on airborne sound propagation under typical rail-side conditions. Requirements for more onerous conditions are a matter for consideration by the designer. Appropriate test methods are provided where these are necessary, but for some aspects a declaration of material characteristics may be required for the information of designers. The treatment of each topic is covered separately in Annexes A to G.

SIST/TC KAZ Kakovost zraka

SIST EN 14789:2017 SIST EN 14789:2005
2017-03 (po) (en;fr;de) 41 str. (I)
Emisije nepremičnih virov - Določevanje volumske koncentracije kisika - Standardna referenčna metoda: paramagnetizem
Stationary source emissions - Determination of volume concentration of oxygen - Standard reference method: Paramagnetism
Osnova: EN 14789:2017
ICS: 13.040.40

This European Standard specifies the standard reference method (SRM) based on the paramagnetic principle for the determination of the oxygen concentrations in flue gases emitted to the atmosphere from ducts and stacks. It includes the sampling and the gas conditioning system as well as the analyser.
This European Standard specifies the performance characteristics to be determined and the performance criteria to be fulfilled by measuring systems based on this measurement method. It applies to periodic monitoring and the calibration or control of automated measuring systems (AMS) permanently installed on a stack, for regulatory or other purposes.
This European Standard specifies criteria for demonstration of equivalence of an alternative method (AM) to the SRM by application of prEN 14793.
This European Standard has been validated during field tests on waste incineration, co-incineration and large combustion plants and on a recognized test bench. It has been validated for sampling periods of 30 min in the range from 3 % to 21 %. Oxygen concentration values, expressed as volume concentrations, are used to allow results of emission measurements to be standardised to the oxygen reference concentration and dry gas conditions required e.g. by EU Directive 2010/75/EC on industrial emissions.
NOTE The characteristics of installations, the conditions during field tests and the values of repeatability and reproducibility in the field are given in Annex A.

SIST EN 14792:2017 SIST EN 14792:2006
2017-03 (po) (en;fr;de) 56 str. (J)
Emisije nepremičnih virov - Določevanje masne koncentracije dušikovih oksidov - Standardna referenčna metoda: kemiluminiscenca
Stationary source emissions - Determination of mass concentration of nitrogen oxides - Standard reference method: chemiluminescence
Osnova: EN 14792:2017
ICS: 13.040.40

This European Standard specifies the standard reference method (SRM) based on the chemiluminescence principle for the determination of the nitrogen oxides (NOx) in flue gases emitted to the atmosphere from ducts and stacks. It includes the sampling and the gas conditioning system, as well as the analyser.
This European Standard specifies the characteristics to be determined and the performance criteria to be fulfilled by measuring systems based on this measurement method. It applies for periodic monitoring and for the calibration or control of automatic measuring systems (AMS) permanently installed on a stack, for regulatory or other purposes.
This European Standard specifies criteria for demonstration of equivalence of an alternative method to the SRM by application of prEN 14793.
This European standard has been validated during field tests on waste incineration, co-incineration and large combustion installations and on a recognized test-bench. It has been validated for sampling periods of 30 min in the range of 0 mg/m3 to 1 300 mg/m3 of NO2 for large combustion plants and 0 mg/m3 to 400 mg/m3 of NO2 for waste incineration, according to emission limit values (ELV) laid down in the Directive 2010/75/EC.
The ELV for NOx (NO + NO2) in EU directives are expressed in mg/m3 of NO2 on a dry basis, at a specified value for oxygen and at reference conditions (273 K and 101,3 kPa).

NOTE The characteristics of installations, the conditions during field tests and the values of repeatability and reproducibility in the field are given in Annex F.

SIST EN 15058:2017 SIST EN 15058:2006
2017-03 (po) (en;fr;de) 50 str. (I)
Emisije nepremičnih virov - Določevanje masne koncentracije ogljikovega monoksida - Standardna referenčna metoda: nedisperzna infrardeča spektrometrija
Stationary source emissions - Determination of the mass concentration of carbon monoxide - Standard reference method: non-dispersive infrared spectrometry
Osnova: EN 15058:2017
ICS: 13.040.40

This European Standard specifies the standard reference method (SRM) based on the infra-red (IR) absorption principle. It includes the sampling and the gas conditioning system, and allows the determination of the carbon monoxide CO in flue gases emitted to the atmosphere from ducts and stacks.
This European Standard specifies the characteristics to be determined and the performance criteria to be fulfilled by measuring systems using the IR measurement method. It applies for periodic monitoring and for the calibration or control of automatic measuring systems (AMS) permanently installed on a stack, for regulatory or other purposes.
This European Standard specifies criteria for demonstration of equivalence of an alternative method (AM) to the SRM by application of prEN 14793.
This European Standard has been validated during field tests on waste incineration, co-incineration and large combustion plants and on a recognized test bench. It has been validated for CO concentrations with sampling periods of 30 min in the range of 0 mg/m3 to 400 mg/m3 for large combustion plants and 0 mg/m3 to 740 mg/m3 for waste and co-incineration. Directive 2010/75/EC lays down emission values which are expressed in mg/m3, on dry basis at a specified value of oxygen and at standard conditions of 273 K and 101,3 kPa.
NOTE The characteristics of installations, the conditions during field tests and the values of repeatability and reproducibility in the field are given in Annex A.

SIST/TC KON.007 Geotehnika - EC 7

SIST EN ISO 17892-4:2017 SIST-TS CEN ISO/TS 17892-4:2004
SIST-TS CEN ISO/TS 17892-4:2004/AC:2010
2017-03 (po) (en) 39 str. (H)
Geotehnično preiskovanje in preskušanje - Laboratorijsko preskušanje zemljin - 4. del: Ugotavljanje zrnavostne sestave (ISO 17892-4:2016)
Geotechnical investigation and testing - Laboratory testing of soil - Part 4: Determination of particle size distribution (ISO 17892-4:2016)
Osnova: EN ISO 17892-4:2016
ICS: 93.020, 13.080.20

This document describes methods for the determination of the particle size distribution of soil samples. The particle size distribution is one of the most important physical characteristics of soil. Classification of soils is mainly based on the particle size distribution.
The particle size distribution provides a description of soil, based on a subdivision in discrete classes of particle sizes. The size of each class can be determined by sieving and/or sedimentation.

SIST EN ISO 18674-2:2017
2017-03 (po) (en) 53 str. (J)
Geotehnično preiskovanje in preskušanje - Geotehnične meritve - 2. del: Meritve iztisnin vzdolž merilne linije: ekstenzometer (ISO 18674-2:2016)
Geotechnical investigation and testing - Geotechnical monitoring by field instrumentation - Part 2: Measurement of displacements along a line: Extensometers (ISO 18674-2:2016)
Osnova: EN ISO 18674-2:2016
ICS: 17.040.30, 93.020, 13.080.20

This Standard applies to the measurement of displacements along a line by means of extensometers carried out for geotechnical monitoring. It is to be applied in conjunction with EN ISO 22474-1.
Specifically, this Standard applies to
– investigating soils and rocks;
– checking geotechnical design values in connection with the Observational Design method;
– deriving geotechnical design values (e.g. pile load test; trial tunnelling);
– evaluating stability ahead of, during or after construction (e.g. natural slopes, slope cuts, embankments, excavation walls, foundations, dams, refuse dumps, tunnels).

SIST/TC KŽP Kmetijski pridelki in živilski proizvodi

SIST EN 14176:2017 SIST EN 14176:2004
2017-03 (po) (en;fr;de) 17 str. (E)
Živila - Določevanje domojske kisline v surovih lupinarjih in plavutonožcih ter kuhanih školjkah z uporabo RP-HPLC in ultravijolično (UV) detekcijo
Foodstuffs - Determination of domoic acid in raw shellfish, raw finfish and cooked mussels by RP-HPLC using UV detection
Osnova: EN 14176:2017
ICS: 67.120.30

This European Standard specifies methods for the quantitative determination of domoic acid in raw bivalve molluscs and finfish as well as in cooked mussels. The limit of detection is about 10 ng/ml to 80 ng/ml (0,05 mg/kg to 0,4 mg/kg), depending on the UV detector sensitivity. The limit of quantification for DA by these methods is at least 2,7 mg/kg. Method A has been validated for the determination of DA in different raw matrices such as mussels, clams, scallops and anchovies, spiked and/or naturally contaminated at levels ranging from 2,7 mg/kg to 85,1 mg/kg. Method B has been validated for the determination of DA at levels ranging from 5 mg/kg to 12,9 mg/kg in cooked blue mussels.
For further information on validation data, see Clause 8 and Annex A.
Laboratory experience has shown that this standard can also be applied to other shellfish species, however, no complete validation study according to ISO 5725 has been carried out so far.

SIST EN 14526:2017 SIST EN 14526:2005
2017-03 (po) (en;fr;de) 65 str. (K)
Živila - Določevanje toksinov iz skupine saksitoksina v školjkah - Metoda HPLC z uporabo predkolonske derivatizacije s peroksidno ali perjodatno oksidacijo
Foodstuffs - Determination of saxitoxin-group toxins in shellfish - HPLC method using pre-column derivatization with peroxide or periodate oxidation
Osnova: EN 14526:2017
ICS: 67.050, 67.120.30

This document specifies a method for the quantitative determination of saxitoxin (STX), decarbamoyl saxitoxin (dcSTX), neosaxitoxin (NEO), decarbamoyl neosaxitoxin (dcNEO), gonyautoxin 1 and 4 (GTX1,4; sum of isomers), gonyautoxin 2 and 3 (GTX2,3; sum of isomers), gonyautoxin 5 (GTX5 also called B1), gonyautoxin 6 (GTX6 also called B2), decarbamoyl gonyautoxin 2 and 3 (dcGTX2,3; sum of isomers), N-sulfocarbamoyl-gonyautoxin 1 and 2 (C1,2; sum of isomers) and (depending on the availability of certified reference materials (CRMs)) N-sulfocarbamoyl-gonyautoxin 3 and 4 (C3,4; sum

of isomers) in (raw) mussels, oysters, scallops and clams. Laboratory experience has shown, that it is also be applicable in other shellfish [10], [13] and cooked shellfish products. The method described was validated in a collaborative study [1], [2] and published as AOAC Official Method [3]. This method was also verified in a EURL-performance test aiming the total toxicity of the samples [4]. Toxins which were not available in the first collaborative study [1], [2] as dcGTX2,3 and dcNEO were validated in two additional studies [5], [6]. The lowest validated levels [1], [2], [6], are given in µg toxin (free base) per kg shellfish meat and also as µmol/kg shellfish meat and are listed in Table 1.
A quantitative determination of GTX6 (B2) was not included in the first study but several laboratories detected this toxin directly after the ion exchange clean-up and reported a mass concentration of 30 µg/kg or higher in certain samples. For that reason, the present method is applicable to quantify GTX6 (B2) directly, depending on the availability of the standard material. Currently it is possible to determine GTX6 after a hydrolysis as NEO. The indirect quantification of GTX6 was validated in two additional studies [5], [6].
A quantitative determination of C3,4 was included in the first study. The present method is applicable to quantify C3,4 directly, depending on the availability of the standard material. The same hydrolysis protocol used for GTX6 can be applied to Fraction 1 of the SPE-COOH if C3,4 is present, to quantify this toxin as GTX1,4 [8].

SIST EN ISO 5492:2009/A1:2017
2017-03 (po) (en,fr,de,ru) 29 str. (G)
Senzorična analiza - Slovar - Dopolnilo A1 (ISO 5492:2008/Amd 1:2016)
Sensory analysis - Vocabulary - Amendment 1 (ISO 5492:2008/Amd 1:2016)
Osnova: EN ISO 5492:2009/A1:2017
ICS: 67.240, 01.040.67

Dopolnilo A1 je dodatek k standardu SIST EN ISO 5492:2009.
This International Standard defines terms relating to sensory analysis. It applies to all industries concerned with the evaluation of products by the sense organs. The terms are given under the following headings: 1) general terminology; 2) terminology relating to the senses; 3) terminology relating to organoleptic attributes; 4) terminology relating to methods.

SIST-TS ISO/TS 34700:2017
2017-03 (po) (en) 13 str. (D)
Upravljanje za dobrobit živali - Splošne zahteve in smernice za organizacije v verigi preskrbe s hrano
Animal welfare management – General requirements and guidance for organizations in the food supply chain
Osnova: ISO/TS 34700:2016
ICS: 67.020

This document provides requirements and guidance for the implementation of the animal welfare principles as described in the introduction to the recommendations for animal welfare of the OIE TAHC (Chapter 7.1).
This document applies to terrestrial animals bred or kept for the production of food or feed. The following areas are excluded: animals used for research and educational activities, animals in animal shelters and zoos, companion animals, stray and wild animals, aquatic animals, killing for public or animal health purposes under the direction of the competent authority, humane killing traps for nuisance and fur species.
Application of this document is limited to aspects for which process or species-specific chapters are available in the OIE TAHC. At the time of publication of this document, they are:
— Chapter 7.2: Transport of animals by sea;
— Chapter 7.3: Transport of animals by land;
— Chapter 7.4: Transport of animals by air;
— Chapter 7.5: Slaughter of animals;
— Chapter 7.9: Animal welfare and beef cattle production systems;
— Chapter 7.10: Animal welfare and broiler chicken production systems; and

— Chapter 7.11: Animal welfare and dairy cattle production systems.
This document is designed to guide users in conducting a gap analysis and developing an animal welfare
plan that is aligned with the OIE TAHC. It can also be used to facilitate the implementation of any public
or private sector animal welfare standards that meet at least the OIE TAHC.
The scope of this document is intended to be revised as the animal welfare provisions of the OIE TAHC are supplemented or amended.

SIST/TC LLZ Les, lesni izdelki in zaščita lesa

SIST-TS CEN/TS 16663:2017 SIST-TP CEN/TR 16663:2014
2017-03 (po) (en;fr;de) 18 str. (E)
Trajnost lesa in lesnih izdelkov - Določanje emisij iz zaščitenega lesa v okolje - Lesni izdelki, izpostavljeni 3. razredu uporabe (niso pokriti, niso v stiku s tlemi) - Delno terenska metoda
Durability of wood and wood-based products - Determination of emissions from preservative treated wood to the environment - Wooden commodities exposed in Use Class 3 (Not covered, not in contact with the ground) - Semi-field method
Osnova: CEN/TS 16663:2016
ICS: 71.100.50, 13.020.30

This European Standard specifies a method for determining the leaching of active ingredients or other compounds from preservative treated wood by a semi field method for Use Class 3 (outdoor above ground). The preservative treated wood can be tested with or without subsequently surface coating or other water-repellent treatment. The method is applicable to the testing of commercial or experimental preservatives or paint systems applied to non-durable timber by methods appropriate to commercial practice.

SIST/TC MOC Mobilne komunikacije

SIST EN 300 392-7 V3.4.1:2017
2017-03 (po) (en) 216 str. (S)
Prizemni snopovni radio (TETRA) - Govor in podatki (V+D) - 7. del: Varnost
Terrestrial Trunked Radio (TETRA) - Voice plus Data (V+D) - Part 7: Security
Osnova: ETSI EN 300 392-7 V3.4.1 (2017-01)
ICS: 33.070.10

The present document defines the Terrestrial Trunked Radio system (TETRA) supporting Voice plus Data (V+D). It specifies the air interface, the inter-working between TETRA systems and to other systems via gateways, the terminal equipment interface on the mobile station, the connection of line stations to the infrastructure, the security aspects in TETRA networks, the management services offered to the operator, the performance objectives, and the supplementary services that come in addition to the basic and teleservices.
The present part describes the security mechanisms in TETRA V+D. It provides mechanisms for confidentiality of control signalling and user speech and data at the air interface, authentication and key management mechanisms for the air interface and for the Inter-System Interface (ISI).
Clause 4 describes the authentication and key management mechanisms for the TETRA air interface. The following two authentication services have been specified for the air-interface in ETSI ETR 086-3 [i.3], based on a threat analysis:
• authentication of an MS by the TETRA infrastructure;
• authentication of the TETRA infrastructure by an MS.
Clause 5 describes the mechanisms and protocol for enable and disable of both the mobile station equipment and the mobile station user's subscription.
Air interface encryption may be provided as an option in TETRA. Where employed, clause 6 describes the

confidentiality mechanisms using encryption on the air interface, for circuit mode speech, circuit mode data, packet data and control information. Clause 6 describes both encryption mechanisms and mobility procedures. It also details the protocol concerning control of encryption at the air interface.
The present document does not address the detail handling of protocol errors or any protocol mechanisms when TETRA is operating in a degraded mode. These issues are implementation specific and therefore fall outside the scope of the TETRA standardization effort.
The detail description of the Authentication Centre is outside the scope of the present document.

SIST EN 300 401 V2.1.1:2017
2017-03 (po) (en) 124 str. (O)
Sistemi radiodifuzije - Digitalna zvokovna radiodifuzija (DAB) za mobilne, prenosne in fiksne sprejemnike
Radio Broadcasting Systems - Digital Audio Broadcasting (DAB) to mobile, portable and fixed receivers
Osnova: ETSI EN 300 401 V2.1.1 (2017-01)
ICS: 33.170, 33.060.20

The present document establishes a broadcasting standard for the Digital Audio Broadcasting (DAB) system designed for delivery of high-quality digital audio and video programmes and data services for mobile, portable and fixed reception from terrestrial transmitters in the Very High Frequency (VHF) frequency bands as well as for distribution through cable networks. The DAB system is designed to provide spectrum and power efficient techniques in terrestrial transmitter network planning, known as the Single Frequency Network (SFN) and the gap-filling technique. The DAB system meets the required sharing criteria with other radiocommunication services.
The present document defines the DAB transmission signal. It includes the coding algorithms for multiplexing of audio and video programmes and data services, channel coding and modulation. Provision is also made for transmission of additional data services which may be programme related or not, within the limit of the total system capacity. The present document provides information on the system configuration which includes information about the ensembles, services, service components and linking of them. The present document describes the nominal characteristics of the emitted DAB signal. The aspects related to the receiver design are outside the scope of the present document.

SIST EN 300 422-1 V2.1.2:2017
2017-03 (po) (en) 64 str. (K)
Brezžični mikrofoni - Avdio PMSE na frekvencah do 3 GHz - 1. del: Sprejemniki razreda A - Harmonizirani standard, ki zajema bistvene zahteve člena 3.2 direktive 2014/53/EU
Wireless Microphones - Audio PMSE up to 3 GHz - Part 1: Class A Receivers - Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU
Osnova: ETSI EN 300 422-1 V2.1.2 (2017-01)
ICS: 33.160.50

The present document covers the minimum characteristics considered necessary in order to make the best use of the available frequency spectrum for audio PMSE and ALDs.
The present document specifies the minimum performance requirements and the methods of measurement of Assistive Listening Devices, radio microphones and in-ear monitoring systems. It does not necessarily include all the characteristics that may be required by a user, nor does it necessarily represent the optimum performance achievable.
The present document applies to equipment operating on radio frequencies up to 3 GHz (as shown in table 1) using analogue, digital and hybrid (using both analogue and digital) modulation.
The maximum power recommended for equipment covered by the present document is 250 mW for radio microphones and 10 mW for ALDs.
An exception to this are the Public Hearing Aids defined in the CEPT Report 004 [i.8] and subsequent ECC [i.10] and EC Decisions [i.9] on the ex ERMES band (169,4 MHz to 169,8125 MHz) where 500 mW is defined.
The present document also covers radio microphones used in the 863 MHz to 865 MHz band, with a maximum power of 10 mW.

Electromagnetic Compatibility (EMC) requirements are covered by ETSI EN 301 489-9 [i.4].
National regulations on:
1) maximum power output;
2) licensing status;
will take precedence or those detailed in the latest version of:
• EC Decision 2005/928/EC [i.10];
• ECC/DEC/(05)02 [i.11];
• the EC SRD Decision [i.9]; or
• CEPT/ERC/REC 70-03 [i.7], annex 10 (see http://www.erodocdb.dk/);
• EC Decision 2014/641/EU [i.13].
Unless otherwise stated in the EC SRD Decision, ECC Decision or National Interfaces, Radio Microphones can be subject to individual licence.
The types of equipment covered by the present document are as follows:
• in ear monitoring systems;
• radio microphones;
• WMAS (Wireless Multichannel Audio Systems);
• tour guide systems.

SIST EN 301 908-11 V11.1.2:2017
2017-03 (po) (en) 33 str. (H)
Celična omrežja IMT - Harmonizirani standard, ki zajema bistvene zahteve člena 3.2 direktive 2014/53/EU - 11. del: Ponavljalniki s CDMA z neposrednim razprševanjem (“Direct Spread”) (UTRA FDD)
IMT cellular networks - Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU - Part 11: CDMA Direct Spread (UTRA FDD) Repeaters
Osnova: ETSI EN 301 908-11 V11.1.2 (2017-01)
ICS: 33.070.99, 33.060.99

The present document covers requirements for UTRA FDD Repeater for Releases 4, 5, 6, 7, 8, 9, 10 and 11. This includes the requirements for Repeater operating bands from 3GPP Release 12. In addition, the present document covers requirements for UTRA Repeater in the operating bands specified in ETSI TS 102 735 [i.9].
The present document contains requirements to demonstrate that Radio equipment both effectively uses and supports the efficient use of radio spectrum in order to avoid harmful interference.

SIST EN 301 908-15 V11.1.2:2017
2017-03 (po) (en) 38 str. (H)
Celična omrežja IMT - Harmonizirani standard, ki zajema bistvene zahteve člena 3.2 direktive 2014/53/EU - 15. del: Ponavljalniki za razviti prizemni radijski dostop za UMTS (E-UTRA FDD)
IMT cellular networks - Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU - Part 15: Evolved Universal Terrestrial Radio Access (E-UTRA FDD) Repeaters
Osnova: ETSI EN 301 908-15 V11.1.2 (2017-01)
ICS: 33.070.99, 33.060.99

The present document covers requirements for E-UTRA Repeaters for Release 8, 9, 10 and 11. This includes the requirements for E UTRA Repeater operating bands and E-UTRA CA operating bands from 3GPP Release 12.
The present document contains requirements to demonstrate that Radio equipment both effectively uses and supports the efficient use of radio spectrum in order to avoid harmful interference.

SIST EN 302 066 V2.1.1:2017
2017-03 (po) (en) 34 str. (H)
Naprave kratkega dosega (SRD) - Uporaba sistemov za slikanje pri radarjih za sondiranje tal in zidov (GPR/WPR) - Harmonizirani standard, ki zajema bistvene zahteve člena 3.2 direktive 2014/53/EU
Short Range Devices (SRD) - Ground- and Wall- Probing Radar applications (GPR/WPR) imaging systems - Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU
Osnova: ETSI EN 302 066 V2.1.1 (2017-01)
ICS: 33.060.99, 33.100.01

The present document specifies the requirements for Ground- and Wall- Probing Radar imaging systems applications.
Ground Probing Radars (GPR) and Wall Probing Radars (WPR) are used in survey and detection applications. The scope is limited to GPR and WPR radars, in which the system is in close proximity to the materials being investigated. It does not include radars operated from aircraft or spacecraft.
The GPR/WPR applications in the present document are not intended for communications purposes, and the intended signal is not radiated into free space.
NOTE: Equipment covered by the present document is intended to be used by competent professional personnel.
The present document applies to:
1) Ground Probing Radars (GPR) operating in the frequency range 30 MHz to 12,4 GHz radiating directly downwards into the ground.
2) Wall Probing Radars (WPR) operating in the frequency range 30 MHz to 12,4 GHz radiating directly into a "wall". The "wall" is a building material structure, the side of a bridge, the wall of a mine or another physical structure that absorbs a significant part of the signal transmitted by the radar.
These equipment can either:
1) be fitted with integral antennas and without antenna connector; or
2) use different imaging heads (antennas) with an antenna connector, to allow operation at different operating bandwidths frequencies.
Equipment covered by the present document operates in accordance with ECC/DEC(06)08 "ECC Decision of 1 December 2006 on the conditions for use of the radio spectrum by Ground- and Wall-Probing Radar (GPR/WPR) imaging systems" [i.2].

SIST EN 302 510 V2.1.1:2017
2017-03 (po) (en) 39 str. (H)
Naprave kratkega dosega (SRD) - Aktivni membranski medicinski vsadki ultra majhnih moči (ULP-AMI-M) in periferne naprave (ULP-AMI-M-P), ki delujejo v frekvenčnem območju od 30 MHz do 37,5 MHz - Harmonizirani standard, ki zajema bistvene zahteve člena 3.2 direktive 2014/53/EU
Short Range Devices (SRD) - Ultra Low Power Active Medical Membrane Implants (ULP-AMI-M) and Peripherals (ULP-AMI-M-P) operating in the frequency range 30 MHz to 37,5 MHz - Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU
Osnova: ETSI EN 302 510 V2.1.1 (2017-01)
ICS: 33.100.01, 33.060.20, 11.040.40

The present document applies to Ultra Low Power-Active Medical Membrane Implants and Membrane Implant Peripherals as described in Directive 90/385/EEC [i.4], covering all active medical implants, that operate in a Medical Implant Communications System in the frequency band 30 MHz to 37,5 MHz.
The present document contains the technical requirements for characteristics of ULP-AMI-M and ULP-AMI-M-P radio equipment which are aligned with annex 12 Sub-band (d) of CEPT/ERC Recommendation 70-03 [i.6].
The frequency usage conditions for the band 30 MHz to 37,5 MHz are EU wide harmonised for the SRD category "active medical implant devices" according to 2013/752/EU [i.10] with the following usage restrictions:
• "*This set of usage conditions is only available to ultra-low power medical membrane implants for blood pressure measurements within the definition of active implantable medical devices in Directive 90/385/EEC.*"

The present document contains requirements to demonstrate that Ultra Low Power Active Medical Membrane Implants and peripherals used in a medical membrane implant communications system "*... shall be so constructed that it both effectively uses and supports the efficient use of radio spectrum in order to avoid harmful interference*" (article 3.2 of the Directive 2014/53/EU [i.1]). It does not necessarily include all the characteristics, which may be required by a user, nor does it necessarily represent the optimum performance achievable.

SIST EN 61753-052-6:2017
2017-03 (po) (en) 16 str. (D)
Optični spojni elementi in pasivne komponente - Tehnični standard - 052-6. del: Fiksni atenuatorji z enorodnimi vlakni brez konektorja za kategorijo O - Okolje zunanje instalacije (IEC 61753-052-6:2016)
Fibre optic interconnecting devices and passive components - Performance standard - Part 052-6: Single mode fibre non connectorized fixed attenuator for category O - Outside plant environment (IEC 61753-052-6:2016)
Osnova: EN 61753-052-6:2016
ICS: 33.180.20

This part of IEC 61753 contains the minimum initial test and measurement requirements and severities which a fibre optic attenuator satisfies in order to be categorised as meeting the requirements of single-mode fibre non-connectorized fixed attenuator devices used in outside plant environments. IEC 60869-1 contains the generic specification of the optical attenuator. Optical performances specified in this document relate only to non-connectorized optical attenuators.

SIST/TC MOV Merilna oprema za elektromagnetne veličine

SIST EN 60204-1:2017
2017-03 (po) (en;fr;de)
Varnost strojev - Električna oprema strojev - 1. del: Splošne zahteve
Safety of machinery - Electrical equipment of machines - Part 1: General requirements
Osnova: FprEN 60204-1:2016
ICS: 13.110, 29.020

This part of IEC 60204 applies to electrical, electronic and programmable electronic equipment and systems to machines not portable by hand while working, including a group of machines working together in a co-ordinated manner.
NOTE 1 This part of IEC 60204 is an application standard and is not intended to limit or inhibit technological advancement.
NOTE 2 In this part of IEC 60204, the term “electrical” includes electrical, electronic and programmable electronic matters (i.e. “electrical equipment” means electrical, electronic and programmable electronic equipment).
NOTE 3 In the context of this part of IEC 60204, the term “person” refers to any individual and includes those persons who are assigned and instructed by the user or his agent(s) in the use and care of the machine in question.
The equipment covered by this part of IEC 60204 commences at the point of connection of the supply to the electrical equipment of the machine (see 5.1).
NOTE 4 The requirements for the electrical supply installation are given in the IEC 60364 series. This part of IEC 60204 is applicable to the electrical equipment or parts of the electrical equipment that operate with nominal supply voltages not exceeding 1 000 V for alternating current (AC) and not exceeding 1 500 V for direct current (DC), and with nominal supply frequencies not exceeding 200 Hz.
NOTE 5 Information on electrical equipment or parts of the electrical equipment that operate with higher nominal supply voltages can be found in IEC 60204-11.
This part of IEC 60204 does not cover all the requirements (for example guarding, interlocking, or control) that are needed or required by other standards or regulations in order to protect persons from hazards other than electrical hazards. Each type of machine has unique requirements to be

accommodated to provide adequate safety. This part of IEC 60204 specifically includes, but is not limited to, the electrical equipment of machines as defined in 3.1.40.
NOTE 6 Annex C lists examples of machines whose electrical equipment can be covered by this part of IEC 60204.
This part of IEC 60204 does not specify additional and special requirements that can apply to the electrical equipment of machines that, for example:
– are intended for use in open air (i.e. outside buildings or other protective structures);
– use, process, or produce potentially explosive material (for example paint or sawdust);
– are intended for use in potentially explosive and/or flammable atmospheres;
– have special risks when producing or using certain materials;
– are intended for use in mines;
– are sewing machines, units, and systems (which are covered by IEC 60204-31);
– are hoisting machines (which are covered by IEC 60204-32);
– are semiconductor fabrication equipment (which are covered by IEC 60204-33).
Power circuits where electrical energy is directly used as a working tool are excluded from this part of IEC 60204.

SIST EN 61003-1:2017 SIST EN 61003-1:2004
2017-03 (po) (en;fr;de) 27 str. (G)
Nadzorni sistemi za industrijske procese - Instrumenti z analognimi vhodi in dvo- ali večpozicijskimi izhodi - 1. del: Postopki za ocenjevanje zmogljivosti (IEC 61003-1:2016)
Industrial-Process control systems - Instruments with analogue inputs and two- or multi-position outputs - Part 1: Methods of evaluating the performance (IEC 61003-1:2016)
Osnova: EN 61003-1:2016
ICS: 25.040.40

This part of IEC 61003 is applicable to pneumatic and electric industrial-process instruments or control device using measured values that are continuous signals either a mechanical (position, force, etc.) or a standard electric signal. These instruments or process control systems modules may be used as controllers or as switches for alarm and other similar purposes.
Electronic product safety issues may impact only a few products covered by this document. Consequently this document does not address such safety issues. This standard is intended to specify uniform terminologies and testing methods for performance evaluation of industrial-process instruments or process control systems modules with analogue measured values and two- or multi-position outputs. Considerations other than the performances are listed in Clause 10.

SIST EN 61003-2:2017 SIST EN 61003-2:2010
2017-03 (po) (en;fr;de) 12 str. (C)
Nadzorni sistemi za industrijske procese - Instrumenti z analognimi vhodi in dvo- ali večpozicijskimi izhodi - 2. del: Vodilo za pregled in serijske preskuse (IEC 61003-2:2016)
Industrial-Process control systems - Instruments with analogue inputs and two- or multi-position outputs - Part 2: Guidance for inspection and routine testing (IEC 61003-2:2016)
Osnova: EN 61003-2:2016
ICS: 25.040.40

This part of IEC 61003 gives guidelines for inspection and routine testing of electrical and pneumatic instruments with two- or multi-position output, for instance, for acceptance tests or after repair, and it is to be used in conjunction with IEC 61003-1:2016 IEC 61298-2:2008 and IEC 61298-3:2008.
This part of IEC 61003 is applicable to electrical and pneumatic industrial-process instruments, using measured values that are continuous signals. The set point value may be either a mechanical (position, force, etc.) or a standard signal. These instruments may be used as controllers or as switches for alarms and other similar purposes. Quantitative criteria for acceptable performance should be established by agreement between manufacturer and user, and the report on the tests clarifies which tests were carried out. The requirements of this standard are effective when agreed by the manufacturer and the user.

SIST EN 61069-1:2017 SIST EN 61069-1:1998

2017-03 (po) (en;fr;de) 48 str. (I)

Meritve, krmiljenje in avtomatizacija v industrijskih procesih - Ocenjevanje lastnosti sistema zaradi njegovega vrednotenja - 1. del: Terminologija in osnovni pojmi (IEC 61069-1:2016)

Industrial-process measurement, control and automation - Evaluation of system properties for the purpose of system assessment - Part 1: Terminology and basic concepts (IEC 61069-1:2016)

Osnova: EN 61069-1:2016

ICS: 25.040.40

Provides methods and procedures for the assessment of industrial-process measurement and control systems. Is intended for users and manufacturers, and also those carrying out assessments as an independent party.

SIST EN 61069-2:2017 SIST EN 61069-2:1998

2017-03 (po) (en;fr;de) 41 str. (I)

Meritve, krmiljenje in avtomatizacija v industrijskih procesih - Ocenjevanje lastnosti sistema zaradi njegovega vrednotenja - 2. del: Metodologija vrednotenja (IEC 61069-2:2016)

Industrial-process measurement, control and automation - Evaluation of system properties for the purpose of system assessment - Part 2: Assessment methodology (IEC 61069-2:2016)

Osnova: EN 61069-2:2016

ICS: 25.040.40, 35.240.50

Details the assessment methodology of industrial-process measurement and control systems. Describes the method for analyzing the objectives given for the assessment, the method for weighing the relative importance of the various system properties and influencing conditions, and for determining an assessment programme.

SIST EN 61069-3:2017 SIST EN 61069-3:1998

2017-03 (po) (en;fr;de) 38 str. (H)

Meritve, krmiljenje in avtomatizacija v industrijskih procesih - Ocenjevanje lastnosti sistema zaradi njegovega vrednotenja - 3. del: Vrednotenje funkcionalnosti sistema (IEC 61069-3:2016)

Industrial-process measurement, control and automation - Evaluation of system properties for the purpose of system assessment - Part 3: Assessment of system functionality (IEC 61069-3:2016)

Osnova: EN 61069-3:2016

ICS: 35.240.50, 25.040.40

Describes in detail the method to be used to systematically assess the functionality of an industrial-process measurement and control system.

SIST EN 61069-5:2017 SIST EN 61069-5:1998

2017-03 (po) (en;fr;de) 38 str. (H)

Meritve, krmiljenje in avtomatizacija v industrijskih procesih - Ocenjevanje lastnosti sistema zaradi njegovega vrednotenja - 5. del: Vrednotenje zagotovljivosti sistema (IEC 61069-5:2016)

Industrial-process measurement, control and automation - Evaluation of system properties for the purpose of system assessment - Part 5: Assessment of system dependability (IEC 61069-5:2016)

Osnova: EN 61069-5:2016

ICS: 25.040.40

Describes in detail the method to systematically assess the dependability of industrial-process measurement and control systems. Uses the assessment methodology given in EN 61069-2.

SIST EN 61069-6:2017 SIST EN 61069-6:1998
2017-03 (po) (en;fr;de) 30 str. (G)
Meritve, krmiljenje in avtomatizacija v industrijskih procesih - Ocenjevanje lastnosti sistema zaradi njegovega vrednotenja - 6. del: Vrednotenje operativnosti sistema (IEC 61069-6:2016)
Industrial-process measurement, control and automation - Evaluation of system properties for the purpose of system assessment - Part 6: Assessment of system operability (IEC 61069-6:2016)
Osnova: EN 61069-6:2016
ICS: 25.040.40

This part of IEC 61069:
– specifies the detailed method of the assessment of operability of basic control system (BCS), based on the basic concepts of IEC 61069-1 and methodology of IEC 61069-2;
– defines basic categorization of operability properties;
– describes the factors that influence operability and which need to be taken into account when evaluating operability;
– provides guidance in selecting techniques from a set of options (with references) for evaluating the operability.

SIST EN 61069-7:2017 SIST EN 61069-7:2001
2017-03 (po) (en;fr;de) 21 str. (F)
Meritve, krmiljenje in avtomatizacija v industrijskih procesih - Ocenjevanje lastnosti sistema zaradi njegovega vrednotenja - 7. del: Vrednotenje sistema za varnost tveganja (IEC 61069-7:2016)
Industrial-process measurement, control and automation - Evaluation of system properties for the purpose of system assessment - Part 7: Assessment of system safety (IEC 61069-7:2016)
Osnova: EN 61069-7:2016
ICS: 25.040.40

The treatment of safety in this standard is confined to hazards that can be present within the industrial-process measurement and control system itself. Considerations of hazards that can be introduced by the process or equipment under control of the industrial-process measurement and control system to be assessed are excluded. If the system mission includes activities which could affect the safety of the process or equipment under control, the requirements of these activities are the subject of IEC 61508.

SIST EN 61069-8:2017 SIST EN 61069-8:2001
2017-03 (po) (en;fr;de) 39 str. (H)
Meritve, krmiljenje in avtomatizacija v industrijskih procesih - Ocenjevanje lastnosti sistema zaradi njegovega vrednotenja - 8. del: Vrednotenje drugih lastnosti sistema (IEC 61069-8:2016)
Industrial-process measurement, control and automation - Evaluation of system properties for the purpose of system assessment - Part 8: Assessment of other system properties (IEC 61069-8:2016)
Osnova: EN 61069-8:2016
ICS: 25.040.40

Assessment methodology detailed in EN 61069-2 is applied to obtain the assessment programme of the non-task-related properties. Each of the properties is analyes, and the criteria to be taken into account when assessing non-task-related properties are described. References are made to supplementary evaluation techniques.

SIST EN 61515:2017 SIST EN 61515:1998
2017-03 (po) (en;fr;de) 29 str. (G)
Mineralno izolirani kovinsko oplaščeni kabli termospojev in termospoji (IEC 61515:2016)
Mineral insulated metal sheathed thermocouple cables and thermocouples (IEC 61515:2016)
Osnova: EN 61515:2016
ICS: 17.200.20

This International Standard establishes the requirements for simplex, duplex and triplex mineral-insulated metal-sheathed thermocouple cables and thermocouples, which are intended for use in general industrial applications. The abbreviation MIMS (for “mineral-insulated metal-sheathed”) will be used hereafter. It covers thermocouple cables and thermocouples with only base-metal conductors of Types T, J, E, K and N. The specifications in this standard apply to new thermocouple cables and thermocouple units as delivered to the user. They do not apply to the product after use.
External seals, terminations, connections and other accessories are not within the scope of this International Standard.
This standard does not apply to precious metal thermocouple cables and thermocouples. The special requirements for nuclear primary loop applications are dealt with in the other standards.

SIST EN 61784-3:2017 SIST EN 61784-3:2010
2017-03 (po) (en;fr;de) 83 str. (M)
Industrijska komunikacijska omrežja - Profili - 3. del: Funkcionalno varna procesna vodila - Splošna pravila in definicije profilov (IEC 61784-3:2016)
Industrial communication networks - Profiles - Part 3: Functional safety fieldbuses - General rules and profile definitions (IEC 61784-3:2016)
Osnova: EN 61784-3:2016
ICS: 25.040.40, 35.100.05

This part of the IEC 61784-3 series explains some common principles that can be used in the transmission of safety-relevant messages among participants within a distributed network which use fieldbus technology in accordance with the requirements of IEC 61508 series1 for functional safety. These principles are based on the black channel approach. They can be used in various industrial applications such as process control, manufacturing automation and machinery.
This part2 and the IEC 61784-3-x parts specify several functional safety communication profiles based on the communication profiles and protocol layers of the fieldbus technologies in IEC 61784-1, IEC 61784-2 and the IEC 61158 series. These functional safety communication profiles use the black channel approach, as defined in IEC 61508. These functional safety communication profiles are intended for implementation in safety devices exclusively.
NOTE 1 Other safety-related communication systems meeting the requirements of IEC 61508 series can exist that are not included in this standard.
NOTE 2 It does not cover electrical safety and intrinsic safety aspects. Electrical safety relates to hazards such as electrical shock. Intrinsic safety relates to hazards associated with potentially explosive atmospheres.
All systems are exposed to unauthorized access at some point of their life cycle. Additional measures need to be considered in any safety-related application to protect fieldbus systems against unauthorized access. The IEC 62443 series will address many of these issues; the relationship with the IEC 62443 series is detailed in a dedicated subclause of this part.
NOTE 3 Additional profile specific requirements for security can also be specified in IEC 61784-43.
NOTE 4 Implementation of a functional safety communication profile according to this part in a device is not sufficient to qualify it as a safety device, as defined in IEC 61508 series.
NOTE 5 The resulting SIL claim of a system depends on the implementation of the selected functional safety communication profile within this system.

SIST EN 61987-14:2017
2017-03 (po) (en;fr;de) 26 str. (F)
Meritve in krmiljenje v industrijskih procesih - Strukture podatkov in elementi v katalogih procesne opreme - 14. del: Seznam lastnosti opreme za merjenje temperature za elektronsko izmenjavo podatkov (IEC 61987-14:2016)
Catalogues - Part 14: Lists of properties (LOP) for temperature measuring equipment for electronic data exchange (IEC 61987-14:2016)
Osnova: EN 61987-14:2016
ICS: 01.110, 35.240.50, 25.040.40

This part of IEC 61987 provides
– an operating list of properties (OLOP) for the description of the operating parameters and the collection of requirements for temperature measuring equipment and – device lists of properties (DLOP) for the description of a range of contact and non-contact temperature measuring equipment types The structures of the OLOP and the DLOPs correspond to the general structures defined in IEC 61987-11 and agree with the fundamentals for the construction of LOPs defined in IEC 61987-10.
Aspects other than the OLOP, needed in different electronic data exchange processes described in IEC 61987-10, will be published in IEC 61987-921.
The locations of the libraries of properties and of blocks used in the LOPs concerned are listed in the Annexes C and D.

SIST EN 62591:2017 SIST EN 62591:2010
2017-03 (po) (en;fr;de) 500 str. (2B)
Industrijska komunikacijska omrežja - Brezžično komunikacijsko omrežje in komunikacijski profili - Brezžični HART (IEC 62591:2016)
Industrial communication networks - Wireless communication network and communication profiles - WirelessHART (IEC 62591:2016)
Osnova: EN 62591:2016
ICS: 25.040.40, 35.240.50

This International Standard specifies a wireless communication network in addition to the Type 20 in IEC 61158-3-20, IEC 61158-4-20, IEC 61158-5-20, IEC 61158-6-20 and a Communication Profile CP 9/2 in addition to IEC 61784-1, CPF 9.
This standard specifies the following:
• Physical layer service definition and protocol specification,
• Data-link layer service and protocol,
• Application layer service and protocol,
• Network management,
• Security,
• Communication profile,
• Wireless procedures and
• Gateway.

SIST/TC NES Nevarne snovi

SIST-TS CEN/TS 16637-3:2017
2017-03 (po) (en;fr;de) 55 str. (J)
Gradbeni proizvodi - Ocenjevanje sproščanja nevarnih snovi - 3. del: Horizontani preskus precejanja v koloni s tokom navzgor
Construction products - Assessment of release of dangerous substances - Part 3: Horizontal up-flow percolation test
Osnova: CEN/TS 16637-3:2016
ICS: 91.100.01, 13.020.99

This Technical Specification is applicable to determine the leaching behaviour of non-volatile inorganic and organic substances from granular construction products (without or with size reduction (see 6.2)). The construction products are subjected to percolation with water as a function of liquid to solid ratio under specified percolation conditions. The construction products are leached under hydraulically dynamic conditions. The method is a once-through column leaching test and the test results establish the distinction between different release patterns, for instance wash-out and release under the influence of interaction with the matrix, when approaching local equilibrium between construction product and leachant (for inorganic substances).
This test method produces eluates, which can subsequently be characterised by physical, chemical and ecotoxicological methods according to existing standard methods. The results of eluate analysis are presented as a function of the liquid/solid ratio. The test is not suitable for species that are volatile under ambient conditions. This up-flow percolation test is a parameter specific test as specified in

TS351WG1XXX-1 and is therefore not necessarily producing results that mimic specific intended use situations. This measurement procedure allows the manufacturer to determine the information on the release performance to be provided with the CE-marking.
NOTE 1 Volatile organic substances include the low molecular weight substances in mixtures such as mineral oil.
NOTE 2 It is not always possible to optimise test conditions simultaneously for inorganic and organic substances and optimum test conditions may also vary between different groups of organic substances. Test requirements for organic substances are generally more stringent than those for inorganic substances. The test conditions suitable for measuring the release of organic substances will generally also be applicable to inorganic substances.

SIST/TC OGS Ogrevanje stavb

SIST EN 16147:2017 SIST EN 16147:2011
SIST EN 16147:2011/AC:2012

2017-03 (po) (en;fr;de) 52 str. (J)

Toplotne črpalke z električnimi kompresorji - Preskušanje in zahteve za označevanje naprav/enot za gretje (gospodinjske) vode
Heat pumps with electrically driven compressors - Testing and requirements for marking of domestic hot water units
Osnova: EN 16147:2017
ICS: 91.140.65, 23.140, 27.080

This European Standard specifies methods for testing, rating of performance and calculation of water heating energy efficiency of air/water, brine/water, water/water and direct exchange/water heat pump water heaters and heat pump combination heaters with electrically driven compressors and connected to or including a domestic hot water storage tank for domestic hot water production.
NOTE 1 Testing procedures for simultaneous operation for domestic hot water production and space heating are not treated in this standard. Simultaneous means that domestic hot water production and space heating generation occur at the same time and may interact.
This European Standard comprises only the testing procedure for the domestic hot water production of the heat pump system.
NOTE 2 For heat pump combination heaters the seasonal efficiency of space heating is determined according to EN 14825.
This European Standard only applies to water heaters which are supplied in a package of heat pump and storage tank. In the case of water heaters consisting of several parts with refrigerant connections, this European Standard applies only to those designed and supplied as a complete package.
This European Standard does not specify requirements of the quality of the used water.

SIST/TC OVP Osebna varovalna oprema

SIST EN 1496:2017 SIST EN 1496:2006

2017-03 (po) (en;fr;de) 13 str. (D)

Osebna oprema za varovanje pred padci - Dvižne naprave za reševanje
Personal fall protection equipment - Rescue lifting devices
Osnova: EN 1496:2017
ICS: 53.020.99, 13.340.60

This draft European Standard specifies requirements, test methods, marking and information supplied by the manufacturer for rescue lifting devices. Rescue lifting devices conforming to this draft European Standard are used as components of rescue systems.
Rescue lifting devices in accordance with this draft European Standard may be combined with other components, e.g. descender devices for rescue (EN 341) or retractable type fall arresters (EN 360).

SIST EN ISO 10256-1:2017 SIST EN ISO 10256:2003
2017-03 (po) (en) 15 str. (D)
Varovalna oprema za uporabo pri hokeju na ledu - 1. del: Splošne zahteve (ISO 10256-1:2016)
Protective equipment for use in ice hockey - Part 1: General requirements (ISO 10256-1:2016)
Osnova: EN ISO 10256-1:2016
ICS: 97.220.20, 13.340.20

This part of ISO 10256 specifies general requirements for head, face, neck and body protectors (hereafter referred to as protectors) for use in ice hockey.
This part of ISO 10256 is intended only for protectors used for ice hockey. Requirements are given for the following:
a) terms and definitions;
b) innocuousness;
c) ergonomics;
d) test report;
e) permanent markings;
f) information for users.
In the ISO 10256 series, collateral standards specify performance requirements for protectors for use in ice hockey and are intended to be read in conjunction with this part of ISO 10256.
NOTE 1 The requirements of a clause take precedence over a figure.
NOTE 2 The intent is to reduce the risk of injury to an ice hockey player without compromising the form or appeal of the game. These standards presume that the rules of play for ice hockey will be followed by players and enforced by officials.

SIST EN ISO 15025:2017 SIST EN ISO 15025:2003
2017-03 (po) (en) 30 str. (G)
Varovalna obleka - Zaščita pred učinki plamena - Preskusna metoda z omejenim širjenjem plamena (ISO 15025:2016)
Protective clothing - Protection against flame - Method of test for limited flame spread (ISO 15025:2016)
Osnova: EN ISO 15025:2016
ICS: 13.220.40, 13.340.10

This document specifies two procedures (surface ignition and bottom-edge ignition) for determining flame spread properties of vertically oriented flexible materials in the form of single or multicomponent fabrics (coated, quilted, multilayered, sandwich constructions and similar combinations), when subjected to a small defined flame. This test standard does not apply to situations where there is restricted air supply or exposure to large sources of intense heat, for which other test methods are more appropriate.
This test method is not appropriate for materials that demonstrate extensive melting or shrinkage.

SIST EN ISO 374-1:2017
2017-03 (po) (en) 15 str. (D)
Varovalne rokavice za zaščito pred nevarnimi kemikalijami in mikroorganizmi - 1. del: Izrazje in zahtevane lastnosti za zaščito pred kemičnimi tveganji (ISO 374-1:2016)
Protective gloves against dangerous chemicals and micro-organisms - Part 1: Terminology and performance requirements for chemical risks (ISO 374-1:2016)
Osnova: EN ISO 374-1:2016
ICS: 13.340.40, 01.040.13

This standard specifies the requirements for protective gloves to protect the user against dangerous chemicals and defines terms to be used.
NOTE If other protection features have to be covered, e.g. mechanical risks, thermal risks, electrostatic dissipation etc., the appropriate specific performance standard, e.g. EN 388, EN 407, EN 16350 etc., should be used in addition.

SIST EN ISO 374-5:2017
2017-03 (po) (en) 12 str. (C)
Varovalne rokavice za zaščito pred nevarnimi kemikalijami in mikroorganizmi - 5. del: Izrazje in zahtevane lastnosti za zaščito pred tveganji, povezanimi z mikroorganizmi (ISO 374-5:2016)
Protective gloves against dangerous chemicals and micro-organisms - Part 5: Terminology and performance requirements for micro-organisms risks (ISO 374-5:2016)
Osnova: EN ISO 374-5:2016
ICS: 13.340.40

This European Standard specifies a test method for the penetration resistance of gloves that protect against micro-organisms.
NOTE If other protection features should be needed, e.g. chemical risks, mechanical risks , thermal risks ,electrostatic dissipation etc., the appropriate specific performance standard, e.g. EN 374-1, EN 388, EN 407, EN 16350 etc., should be used.

SIST EN ISO 9151:2017 SIST EN 367:1996
SIST EN 367:1996/AC:2000
2017-03 (po) (en) 25 str. (F)
Varovalna obleka pred učinki toplote in ognja - Določanje prenosa toplote pri izpostavljenosti plamenu (ISO 9151:2016)
Protective clothing against heat and flame - Determination of heat transmission on exposure to flame (ISO 9151:2016)
Osnova: EN ISO 9151:2016
ICS: 13.340.10

This International Standard specifies a method for comparing the heat transmission through materials or material assemblies used in protective clothing. Materials are ranked by calculation of a heat transfer index, which is an indication of the relative heat transmission under the specified test conditions. The heat transfer index should not be taken as a measure of the protection time given by the tested materials under actual use conditions.

SIST/TC PCV Polimerne cevi, fitingi in ventili

SIST EN 1453-1:2017 SIST EN 1453-1:2000
2017-03 (po) (en;fr;de) 30 str. (G)
Cevni sistemi iz polimernih materialov s strukturirano steno cevi za nizko- in visokotemperaturne odvodne sisteme v stavbah - Nemehčan polivinilklorid (PVC-U) - 1. del: Specifikacije za cevi in sistem
Plastics piping systems with structured-wall pipes for soil and waste discharge (low and high temperature) inside buildings - Unplasticized poly(vinyl chloride) (PVC-U) - Part 1: Specifications for pipes and the system
Osnova: EN 1453-1:2017
ICS: 91.140.80, 23.040.01

This part of EN 1453 specifies the requirements for structured-wall unplasticized poly(vinyl chloride) (PVC-U) pipes and the system intended to be used for soil and laste discharge applications (low and high temperature) inside buildings (application area code "B").
This part of EN 1453 is also applicable to structured-wall unplasticized poly(vinyl chloride) (PVC-U) pipes, and the system intended for the following purposes: – ventilating part of the pipework in association with discharge applications; – rainwater pipework inside building.
It also specifies the test parameters for the test methods referred to in this standard.
This standard covers a range of nominal sizes and gives recommendations concerning colours.
For external above ground application additional requirements depending on the climate should be agreed between the manufacturer and the user.

SIST/TC PKG Preskušanje kovinskih gradiv

SIST EN ISO 12707:2017 SIST EN 1330-7:2005
2017-03 (po) (en;de) 12 str. (C)
Neporušitveno preskušanje - Terminologija - Izrazi s področja preskušanja z magnetnimi delci (ISO 12707:2016)
Non-destructive testing - Terminology - Terms used in magnetic particle testing (ISO 12707:2016)
Osnova: EN ISO 12707:2016
ICS: 19.100, 01.040.19

This document defines terms used in magnetic particle testing.

SIST EN ISO 18081:2017
2017-03 (po) (en;fr;de) 36 str. (H)
Neporušitveno preskušanje - Akustična emisija - Preskušanje tesnosti z akustično emisijo (ISO 18081:2016)
Non-destructive testing - Acoustic emission testing (AT) - Leak detection by means of acoustic emission (ISO 18081:2016)
Osnova: EN ISO 18081:2016
ICS: 17.140.99, 19.100

This European Standard specifies the general principles required for Leak Detection by the acoustic emission (AE) testing. The Standard is addressed to the application of the methodology on structures and components, where a leak flow as result of pressure differences appears and generates AE.
It describes phenomena of the AE generation and influence of the nature of fluids, shape of the gap, wave propagation and environment.
The different application methods, instrumentation and presentation of AE results will be discussed. It also includes the guidelines for the preparation of application documents, which describe specific requirements for the application of the AE method.
Different application examples will be given.
Unless otherwise specified in the referencing documents, the minimum requirements of this standard are applicable.

SIST EN ISO 9934-1:2017 SIST EN ISO 9934-1:2015
2017-03 (po) (en;fr;de) 24 str. (F)
Neporušitveno preskušanje - Preskušanje z magnetnimi delci - 1. del: Splošna načela (ISO 9934-1:2016)
Non-destructive testing - Magnetic particle testing - Part 1: General principles (ISO 9934-1:2016)
Osnova: EN ISO 9934-1:2016
ICS: 19.100

This document specifies general principles for the magnetic particle testing of ferromagnetic materials. Magnetic particle testing is primarily applicable to the detection of surface-breaking discontinuities, particularly cracks. It can also detect discontinuities just below the surface but its sensitivity diminishes rapidly with depth.
This document specifies the surface preparation of the part to be tested, magnetization techniques, requirements and application of the detection media, and the recording and interpretation of results. Acceptance criteria are not defined. Additional requirements for the magnetic particle testing of particular items are defined in product standards (see the relevant International Standards or European standards).
This document does not apply to the residual magnetization method.

SIST/TC POH Pohištvo

SIST EN 12727:2017 SIST EN 12727:2001
2017-03 (po) (en;fr;de) 9 str. (C)
Pohištvo - Vrstni sedeži - Zahteve za varnost, trdnost in trajnost
Furniture - Ranked seating - Requirements for safety, strength and durability
Osnova: EN 12727:2016
ICS: 97.140

This European Standard specifies test methods and requirements determining the structural stength and durability of the structure of all types of ranked seating, (e.g. stadium and auditorium seating) which are permanently fastened to the floor and/or walls, whether in bench or individual seat form. A table of tests with four choices of loads is included. This standard applies to seating permanently fixed in ranks but does not apply to linked upright chairs not fastened to the floor and/or walls. Assessment of ageing, degradation and the effect of ambient temperature are not included.

SIST EN 15372:2017 SIST EN 15372:2008
2017-03 (po) (en;fr;de) 11 str. (C)
Pohištvo - Trdnost, trajnost in varnost - Zahteve za mize za javno uporabo
Furniture - Strength, durability and safety - Requirements for non-domestic tables
Osnova: EN 15372:2016
ICS: 97.140

This European Standard specifies requirements for the safety, strength and durability of all types of non-domestic tables including those with glass in their construction. It does not apply to office tables or desks, tables for educational institutions and outdoor tables for which EN standards or drafts exist. With exception of the stability tests, this standard does not provide assessment of the suitability of any storage features included in non-domestic tables. It does not include requirements for the durability of castors and height adjustment mechanisms. It does not include requirements for electrical safety. It does not include requirements for the resistance to ageing, degradation.

SIST EN 527-2:2017 SIST EN 527-2:2003
2017-03 (po) (en;fr;de) 11 str. (C)
Pisarniško pohištvo - Delovne mize - 2. del: Zahteve za varnost, trdnost in trajnost
Office furniture - Work tables - Part 2: Safety, strength and durability requirements
Osnova: EN 527-2:2016
ICS: 97.140

This European Standard specifies safety, strength and durability requirements of work tables. It does not include other tables in the office area for which EN standards or drafts exist.

SIST-TS CEN/TS 16969:2017
2017-03 (po) (en;fr;de) 9 str. (C)
Barve in laki - Premazi in premazni sistemi za zaščito lesa v zunanji uporabi - Ocenjevanje tesnosti zaščite čelnega prereza
Paints and varnishes - Coating materials and coating systems for exterior wood - Assessment of end grain sealing performance
Osnova: CEN/TS 16969:2016
ICS: 71.100.50, 87.040

This Technical Specification specifies a test method to evaluate the ability of coating materials to seal the end grain of wood against ingress of water.
This procedure is relevant for joinery or wood based cladding materials whose service life can depend on the control of water penetration through the coated end-grain.

SIST/TC SPN Storitve in protokoli v omrežjih

SIST ES 202 706-1 V1.5.1:2017
2017-03 (po) (en) 49 str. (I)
Okoljski inženiring (EE) - Metrika in metoda za merjenje energijske učinkovitosti opreme omrežja za brezžični dostop - 1. del: Poraba energije - Statična merilna metoda
Environmental Engineering (EE) - Metrics and measurement method for energy efficiency of wireless access network equipment - Part 1: Power Consumption - Static Measurement Method
Osnova: ETSI ES 202 706-1 V1.5.1 (2017-01)
ICS: 19.040, 27.015

The present document version covers the following radio access technologies:
• GSM.
• WCDMA.
• LTE.
• WiMAXTM (informative only).
The methodology described in the present document is to measure base station static power consumption. Within the present document it is referred to as static measurements.
The results based on "static" measurements of the BS power consumption provide a power and energy consumption figure for BS under static load.
Energy consuption of terminal (end-user) equipment is outside the scope of the present document. The scope of the present document is not to define target values for the power consumption. The results should only be used to assess and compare the power and energy consumption of base stations. Wide Area Base Stations and Medium Range Base Stations are covered in the present document [12].

SIST ES 202 737 V1.5.1:2017
2017-03 (po) (en) 49 str. (I)
Kakovost prenosa govora in večpredstavnih vsebin (STQ) - Prenosne zahteve za ozkopasovne terminale VoIP (ročne in naglavne) glede na kakovost storitev (QoS), kot jih dojema uporabnik
Speech and multimedia Transmission Quality (STQ) - Transmission requirements for narrowband VoIP terminals (handset and headset) from a QoS perspective as perceived by the user
Osnova: ETSI ES 202 737 V1.5.1 (2017-01)
ICS: 33.050.01

The present document provides speech transmission performance requirements for 4 kHz narrowband VoIP handset and headset terminals; it addresses all types of IP based terminals, including wireless and soft phones.
In contrast to other standards which define minimum performance requirements it is the intention of the present document to specify terminal equipment requirements which enable manufacturers and service providers to enable good quality end-to-end speech performance as perceived by the user.
In addition to basic testing procedures, the present document describes advanced testing procedures taking into account further quality parameters as perceived by the user.
It is the intention of the present document to describe terminal performance parameters in such way that the remaining variation of parameters can be assessed purely by the E-model.

SIST ES 202 738 V1.5.1:2017
2017-03 (po) (en) 50 str. (I)
Kakovost prenosa govora in večpredstavnih vsebin (STQ) - Prenosne zahteve za ozkopasovne zvočniške in prostoročne terminale VoIP glede na kakovost storitev (QoS), kot jih dojema uporabnik
Speech and multimedia Transmission Quality (STQ) - Transmission requirements for narrowband VoIP loudspeaking and handsfree terminals from a QoS perspective as perceived by the user
Osnova: ETSI ES 202 738 V1.5.1 (2017-01)
ICS: 33.050.01

The present document will provide speech transmission performance requirements for narrowband VoIP loudspeaking and hands-free terminals; it addresses all types of IP based terminals, including wireless, softphones and group audio terminals.
In contrast to other standards which define minimum performance requirements it is the intention of the present document to specify terminal equipment requirements which enable manufacturers and service providers to enable good quality end-to-end speech performance as perceived by the user.
In addition to basic testing procedures, the present document describes advanced testing procedures taking into account further quality parameters as perceived by the user.
NOTE: The present document does not concern headset terminals.

SIST ES 202 739 V1.5.1:2017
2017-03 (po) (en) 49 str. (I)
Kakovost prenosa govora in večpredstavnih vsebin (STQ) - Prenosne zahteve za širokopasovne terminale VoIP (ročne in naglavne) glede na kakovost storitev (QoS), kot jih dojema uporabnik
Speech and multimedia Transmission Quality (STQ) - Transmission requirements for wideband VoIP terminals (handset and headset) from a QoS perspective as perceived by the user
Osnova: ETSI ES 202 739 V1.5.1 (2017-01)
ICS: 33.050.01

The present document provides speech transmission performance requirements for 8 kHz wideband VoIP handset and headset terminals; it addresses all types of IP based terminals, including wireless and soft phones. In contrast to other standards which define minimum performance requirements it is the intention of the present document to specify terminal equipment requirements which enable manufacturers and service providers to enable good quality end-to-end speech performance as perceived by the user.
In addition to basic testing procedures, the present document describes advanced testing procedures taking into account further quality parameters as perceived by the user.

SIST ES 202 740 V1.5.1:2017
2017-03 (po) (en) 51 str. (J)
Kakovost prenosa govora in večpredstavnih vsebin (STQ) - Prenosne zahteve za širokopasovne zvočniške in prostoročne terminale VoIP glede na kakovost storitev (QoS), kot jih dojema uporabnik
Speech and multimedia Transmission Quality (STQ) - Transmission requirements for wideband VoIP loudspeaking and handsfree terminals from a QoS perspective as perceived by the user
Osnova: ETSI ES 202 740 V1.5.1 (2017-01)
ICS: 33.050.01

The present document provides speech transmission performance requirements for 8 kHz wideband VoIP loudspeaking and hands-free terminals; it addresses all types of IP based terminals, including wireless, softphones and group audio terminals.
In contrast to other standards which define minimum performance requirements it is the intention of the present document to specify terminal equipment requirements which enable manufacturers and service providers to enable good quality end-to-end speech performance as perceived by the user.
In addition to basic testing procedures, the present document describes advanced testing procedures taking into account further quality parameters as perceived by the user.
NOTE: The present document does not concern headset terminals.

SIST ES 203 408 V1.1.1:2017
2017-03 (po) (en) 28 str. (G)
Okoljski inženiring (EE) - Barva in označevanje DC-kablov in povezovalnih naprav
Environmental Engineering (EE) - Colour and marking of DC cable and connecting devices
Osnova: ETSI ES 203 408 V1.1.1 (2016-12)
ICS: 29.060.20, 19.040, 01.070

To define colours and identification of cables and wires used in DC distribution systems and installations. To define marking of cables, wires, connectors, any associated equipment for DC power distribution. To consider AC conductors colours and marking of AC circuits to avoid any confusion and status of the art on colour definition for DC cable in ICT equipment. DC includes up to 400VDC EN 300 132-3-1 or ITU-T L.1200 interface, as well as -48VDC EN 300 132-2 interface. It considers the different number of cables including the functional earthing arrangement.

SIST- V ETSI/EG 202 396-3 V1.6.1:2017
2017-03 (po) (en) 83 str. (M)
Kakovost prenosa govora in večpredstavnih vsebin (STQ) - Zmogljivost kakovosti govora v prisotnosti šuma ozadja - 3. del: Prenos šuma ozadja - Objektivne preskusne metode
Speech and multimedia Transmission Quality (STQ) - Speech Quality performance in the presence of background noise - Part 3: Background noise transmission - Objective test methods
Osnova: ETSI EG 202 396-3 V1.6.1 (2017-01)
ICS: 33.040.35

The present document aims to identify and define testing methodologies which can be used to objectively evaluate the performance of narrowband and wideband terminals and systems for speech communication in the presence of background noise.
Background noise is a problem in mostly all situations and conditions and need to be taken into account in both, terminals and networks. The present document provides information about the testing methods applicable to objectively evaluate the speech quality in the presence of background noise. The present document includes:
• The description of the experts post evaluation process chosen to select the subjective test data being within the scope of the objective methods.
• The results of the performance evaluation of the currently existing methods described in Recommendations ITU-T P.862 [i.16] and P.862.1 [i.17] and in TOSQA2001 [i.19] which is chosen for the evaluation of terminals in the framework of ETSI VoIP speech quality test events [i.8], [i.9], [i.10] and [i.11].
• The method which is applicable to objectively determine the different parameters influencing the speech quality in the presence of background noise taking into account:
- the speech quality;
- the background noise transmission quality;
- the overall quality.
• The present document is to be used in conjunction with:
- ETSI ES 202 396-1 [i.1] which describes a recording and reproduction setup for realistic simulation of background noise scenarios in lab-type environments for the performance evaluation of terminals and communication systems.
- ETSI EG 202 396-2 [i.2] which describes the simulation of network impairments and how to simulate realistic transmission network scenarios and which contains the methodology and results of the subjective scoring for the data forming the basis of the present document.
- French speech sentences as defined in Recommendation ITU-T P.501 [i.13] for wideband and English speech sentences as defined in Recommendation ITU-T P.501 [i.13] for narrowband.

SIST-V ETSI/EG 203 350 V1.1.1:2017
2017-03 (po) (en) 86 str. (M)
Človeški dejavniki (HF) - Smernice za oblikovanje mobilnih naprav IKT in z njimi povezanih aplikacij za ljudi s kognitivnimi posebnimi potrebami
Human Factors (HF) - Guidelines for the design of mobile ICT devices and their related applications for people with cognitive disabilities
Osnova: ETSI EG 203 350 V1.1.1 (2016-11)
ICS: 35.020, 33.070.01

The present document contains design guidelines for mobile devices and applications that will enable persons with limited cognitive, language and learning abilities (including people with age-related

cognitive impairments) to have an improved user experience when using mobile ICT devices and applications.
The guidelines apply to the design of:
- mobile ICT devices;
- mobile applications (whether they are standalone or whether they provide access to related services). The guidelines in the present document complement existing usability and accessibility guidelines.

SIST/TC SPO Šport

SIST EN 12572-1:2017 SIST EN 12572-1:2007
2017-03 (po) (en;fr;de) 28 str. (G)
Umetne plezalne stene - 1. del: Varnostne zahteve in preskusne metode za umetne plezalne stene z varovalnimi točkami
Artificial climbing structures - Part 1: Safety requirements and test methods for ACS with protection points
Osnova: EN 12572-1:2017
ICS: 97.220.10

This European Standard specifies the safety requirements and test methods for artificial climbing structures with protection points (hereafter referred to as ACS).
This European Standard is applicable for ACS in normal use for sport climbing.
This European Standard is not applicable to ice climbing, dry tooling and playground equipment.

SIST EN 12572-2:2017 SIST EN 12572-2:2009
2017-03 (po) (en;fr;de) 25 str. (F)
Umetne plezalne stene - 2. del: Varnostne zahteve in preskusne metode za balvanske stene
Artificial climbing structures - Part 2: Safety requirements and test methods for bouldering walls
Osnova: EN 12572-2:2017
ICS: 97.220.10

This European Standard specifies the safety requirements and calculation methods for bouldering walls, including the safety zone.
This European Standard is applicable when the bouldering is in normal use.
This European Standard is not applicable to ice climbing, dry tooling, playground equipment and deep water soloing.

SIST EN 12572-3:2017 SIST EN 12572-3:2009
2017-03 (po) (en;fr;de) 13 str. (D)
Umetne plezalne stene - 3. del: Varnostne zahteve in preskusne metode za oprimke
Artificial climbing structures - Part 3: Safety requirements and test methods for climbing holds
Osnova: EN 12572-3:2017
ICS: 97.220.10

This European Standard specifies the safety requirements and test methods for holds. This European Standard is applicable to holds, which are used for the natural progression of the climber, i.e. without the use of artificial means (e.g. ice axes, crampons, hooks, nuts) on artificial climbing structures (ACS) and bouldering walls. Holds are designed to be mounted on the ACS with bolts, screws etc. Holds include large volumes or features that are designed for use without additional holds being attached to them. (Volumes or features that are designed for use with additional holds attached to them should meet the requirements of EN 12572-1) The main fixation points for holds forms part of the existing layout of the ACS and are considered in EN 12572-1 and EN 12572-2. A hold is not a belay anchor system; it is not designed to accommodate the latter and is therefore is not intended for belaying the

climber. If a hold is designed as belay point it should meet EN 12572-1 and EN 12572-3 of the standard. This European Standard is not applicable to ice climbing, dry tooling and playground equipment.

SIST EN 16899:2017
2017-03 (po) (en;fr;de) 48 str. (I)
Oprema za šport in rekreacijo - Oprema za parkour - Varnostne zahteve in preskusne metode
Sports and recreational equipment - Parkour equipment - Safety requirements and test methods
Osnova: EN 16899:2016
ICS: 97.220.10

This European Standard specifies requirements for parkour equipment for use mainly by youths (8 years - 18 years) and adults. This European Standard recognizes that parkour forms no part of children's play and that movement is personally determined by users, using controlled physical exertion from, to and through equipment elements and structures; both permanently installed and portable.
The requirements are intended to protect users from hazards that they might be unable to foresee when using the equipment as intended, or in a manner that can be reasonably anticipated.
This European Standard also specifies requirements for the installation and maintenance of parkour equipment, including area, height, flow, location and separation from other facilities, including children's playgrounds and multi-use games areas (free access multi-sports equipment).
NOTE As listed above, this European Standard is only applicable to parkour equipment, installation and maintenance, but not for example to parkour activities.

SIST EN ISO 20957-4:2017 SIST EN 957-4:2006+A1:2010
2017-03 (po) (en) 13 str. (D)
Nepremična oprema za vadbo - 4. del: Klopi za vadbo moči, dodatne posebne varnostne zahteve in preskusne metode (ISO 20957-4:2016)
Stationary training equipment - Part 4: Strength training benches, additional specific safety requirements and test methods (ISO 20957-4:2016)
Osnova: EN ISO 20957-4:2016
ICS: 97.220.30

This part of ISO 20957 specifies safety requirements for stationary strength training benches and free-standing barbell racks used to perform exercises during use in addition to the general safety requirements of ISO 20957 1 and should be read in conjunction with it. This part of ISO 20957 is applicable to stationary training equipment type benches (type 4) (hereinafter referred to as benches) with the classes S, H and I.

SIST EN ISO 20957-5:2017 SIST EN 957-5:2009
2017-03 (po) (en) 30 str. (G)
Nepremična oprema za vadbo - 5. del: Nepremična kolesa za vadbo in oprema za vadbo zgornjega dela telesa, dodatne posebne varnostne zahteve in preskusne metode (ISO 20957-5:2016)
Stationary training equipment - Part 5: Stationary exercise bicycles and upper body crank training equipment, additional specific safety requirements and test methods (ISO 20957-5:2016)
Osnova: EN ISO 20957-5:2016
ICS: 97.220.30

This part of ISO 20957 specifies safety requirements for stationary exercise bicycles and upper body crank training equipment in addition to the general safety requirements of ISO 20957 1. This part of ISO 20957 is applicable to stationary training equipment type stationary exercise bicycles and upper body crank training equipment (type 5) as defined in Clause 3 within the classes S, H, I and A, B, C according to ISO 20957-1. Any attachment provided with the stationary exercise bicycles and upper body crank training equipment for the performance of additional exercises are subject to the requirements

of ISO 20957 1. This part of ISO 20957 is not applicable to roller stands as they cannot be made safe in a reasonable way.

SIST EN ISO 20957-9:2017 SIST EN 957-9:2003
2017-03 (po) (en) 23 str. (F)
Nepremična oprema za vadbo - 9. del: Pedalniki, dodatne posebne varnostne zahteve in preskusne metode (ISO 20957-9:2016)
Stationary training equipment - Part 9: Elliptical trainers, additional specific safety requirements and test methods (ISO 20957-9:2016)
Osnova: EN ISO 20957-9:2016
ICS: 97.220.30
This Part of prEN 957 specifies safety requirements for elliptical trainers also described as cross training machines in addition to the general safety requirements of EN 957-1 and should be read in conjunction with it.

SIST EN ISO 8936:2017 SIST EN ISO 8936:2009
2017-03 (po) (en) 35 str. (H)
Predprostori za bivalna počitniška vozila - Zahteve in preskusne metode (ISO 8936:2017)
Awnings for leisure accommodation vehicles - Requirements and test methods (ISO 8936:2017)
Osnova: EN ISO 8936:2017
ICS: 97.200.30, 43.100

This document specifies requirements, test methods and material performance characteristics for vehicle awnings. It applies to awnings intended to be pitched and struck.
This document is not applicable to:
a) sun awnings: structure detachable from the vehicle which is used to provide shelter from the sun, but is not designed or constructed to provide shelter from wind, rain or snow;
NOTE 1 A sun awning can be used with additional front and side panels to form an enclosure, but this enclosure would not meet the requirements of an awning as defined in this document.
b) external blinds: structure permanently fixed to a vehicle which is used to provide shelter from the sun, but is not designed or constructed to provide shelter from wind, rain or snow;
NOTE 2 An external blind can be used with additional front and side panels to form an enclosure, but this enclosure would not meet the requirements of an awning as defined in this document.
c) fixed awnings: permanent awning which is not designed for mobile use.
EXAMPLE Awnings equipped with square aluminium frames or timber supporting structures and the possibility to install living compartment windows and doors.

SIST/TC TRM Terminologija

SIST IEC 60050-191:2017
2017-03 (po) (en,fr,ru,es) 149 str. (P)
Mednarodni elektrotehniški slovar - 191. del: Zagotovljivost
International Electrotechnical Vocabulary - Part 191: Dependability
Osnova: IEC 60050-191 Ed. 2.0
ICS: 29.020, 01.040.29

This standard gives the common terms for dependability and for the quality of service in telecommunications. With translations in dutch of the terms.

SIST IEC 60050-521:2017
2017-03 (po) (en,fr) 210 str. (S)
Mednarodni elektrotehniški slovar - 521. del: Polprevodniški elementi in integrirana vezja
International Electrotechnical Vocabulary - Part 521: Semiconductor devices and integrated circuits
Osnova: IEC 60050-521
ICS: 31.080.01, 31.200, 01.040.31

This part of IEC 60050 gives the general terminology used in the fields of semiconductor technology and semiconductor design and for types of semiconductors. This terminology is of course consistent with the terminology developed in the other specialized parts of the IEV.

SIST/TC VPK Vlaknine, papir, karton in izdelki

SIST EN ISO 12625-4:2017 SIST EN ISO 12625-4:2005
2017-03 (po) (en) 16 str. (D)
Tissue papir in proizvodi iz tissue papirja - 4. del: Ugotavljanje natezne trdnosti, raztega pri največji sili in absorpcijske natezne energije (ISO 12625-4:2016)
Tissue paper and tissue products - Part 4: Determination of tensile strength, stretch at maximum force and tensile energy absorption (ISO 12625-4:2016)
Osnova: EN ISO 12625-4:2016
ICS: 85.080.20

This document specifies a test method for the determination of the tensile strength, stretch at maximum force and tensile energy absorption of tissue paper and tissue products. It uses a tensiletesting apparatus operating with a constant rate of elongation.
It also specifies the method of calculating the tensile index and the tensile energy absorption index. In cases where impurities and contraries have to be determined, ISO 15755[6] applies for these detections in tissue paper and tissue products.

SIST EN ISO 12625-5:2017 SIST EN ISO 12625-5:2005
2017-03 (po) (en) 22 str. (F)
Tissue papir in proizvodi iz tissue papirja - 5. del: Ugotavljanje mokre natezne trdnosti (ISO 12625-5:2016)
Tissue paper and tissue products - Part 5: Determination of wet tensile strength (ISO 12625-5:2016)
Osnova: EN ISO 12625-5:2016
ICS: 85.080.20

This document specifies a test method for the determination of the wet tensile strength of tissue paper and tissue products after soaking with water, using a tensile-strength-testing apparatus operating with a constant rate of elongation. Currently, two types of tensile-strength-testing apparatus are commercially available, one where the test piece is positioned vertically and, for the other, horizontally. This document applies for both. For vertical tensile-strength-testing apparatus, a device which is held in the lower grip of the tensilestrength- testing apparatus, called a Finch Cup, is used to achieve the wetting. For horizontal tensilestrength- testing apparatus, the soaking device is placed between the clamps.
In cases where impurities and contraries have to be determined, ISO 15755[6] applies for these detections in tissue paper and tissue products.

SIST EN ISO 12625-6:2017 SIST EN ISO 12625-6:2005
2017-03 (po) (en) 17 str. (E)
Tissue papir in proizvodi iz tissue papirja - 6. del: Ugotavljanje gramature (ISO 12625-6:2016)
Tissue paper and tissue products - Part 6: Determination of grammage (ISO 12625-6:2016)
Osnova: EN ISO 12625-6:2016
ICS: 85.080.20

This document specifies a test method for the determination of grammage of tissue paper and tissue products.

SIST/TC VSN Varnost strojev in naprav

SIST EN 13743:2017 SIST EN 13743:2009
2017-03 (po) (en;fr;de) 18 str. (E)
Varnostne zahteve za brusna sredstva na podlagah
Safety requirements for coated abrasive products
Osnova: EN 13743:2017
ICS: 25.100.70

As in the existing standard EN 13743): This European Standard is applicable to the following coated abrasive products: flap wheels, flap discs, vulcanised fibre discs and spindle mounted flap wheels. It also applies to back-up pads for vulcanised fibre discs.
This European Standard specifies requirements and/or measures for removal or reduction of hazards resulting from the design and application of the coated abrasive products and clamping devices.
This European Standard also contains procedures and tests for verification of compliance with the requirements as well as safety information for use, which is to be made available to the user by the manufacturer.
The hazards taken into consideration are listed in Clause 4 of this standard.
This European Standard does not apply to non-woven web abrasive products, bonded abrasive products and superabrasive products.

SIST/TC ZEM Zemeljska dela

SIST-TS CEN/TS 17006:2017
2017-03 (po) (en;fr;de)
Zemeljska dela - Kontinuirana kontrola zgoščanja (CCC)
Earthworks - Continuous Compaction Control (CCC)
Osnova: CEN/TS 17006:2016
ICS: 93.020

This technical specification provides guidance, specifications and requirements on the use of Continuous Compaction Control (CCC) as a quality control method in earthworks by means of roller integrated dynamic measuring and documentation systems. The CCC method is suitable for soils, granular materials and rockfill materials which can be compacted using vibratory rollers.
NOTE A continuous Compaction Control (CCC) technology based on the measure of propel energy necessary to overcome the rolling resistance is also available and can be used as a quality control method in earthworks. The propelling power of the compactor provides an indication of the material stiffness and it is measured as a function of the machine ground speed, slope angle and rolling resistance. This method is not included in this document.

SIST/TC ŽEN Železniške električne naprave

SIST EN 50122-1:2011/A3:2017
2017-03 (po) (en) 3 str. (A)
Železniške naprave - Stabilne naprave električne vleke - Električna varnost, ozemljitev in povratni tokokrog - 1. del: Zaščitni ukrepi proti električnemu udaru
Railway applications - Fixed installations - Electrical safety, earthing and the return circuit - Part 1: Protective provisions against electric shock
Osnova: EN 50122-1:2011/A3:2016
ICS: 13.260, 29.280

Dopolnilo A3 je dodatek k standardu SIST EN 50122-1:2011.
Ta evropski standard določa zahteve za zaščitne ukrepe v zvezi z električno varnostjo pri stabilnih napravah električne vleke na izmenični in/ali enosmerni tok in pri vseh inštalacijah, ki jih lahko ogroža napajanje sistema za vleko. Velja tudi za vse vidike stabilnih naprav, potrebnih za zagotavljanje električne varnosti med vzdrževalnim delom v električnih sistemih vleke. Ta evropski standard velja za vse nove vode in za vse večje prenove obstoječih vodov za naslednje električne sisteme vleke: a) železnice; b) vodene sisteme množičnega prevoza, kot so 1) tramvajske proge, 2) nadzemne in podzemne železnice, 3) gorske železnice, 4) trolejbusni sistemi in 5) sistemi z magnetnim lebdenjem, ki uporabljajo sistem voznih vodov, c) sisteme za prevoz materiala. Ta evropski standard ne velja za: d) rudniške vlečne sisteme v podzemnih rudnikih; e) žerjave, prenosne platforme in podobno opremo za prevoz po tirih, začasne strukture (npr. razstavne strukture), če niso napajane neposredno ali preko transformatorjev s sistema voznih vodov in jih ne ogroža napajanje sistema za vleko; f) viseče kabinske žičnice; g) vzpenjače. Ta evropski standard ne določa delovnih pravil za vzdrževanje.

SIST EN 50405:2016/A1:2017
2017-03 (po) (en) 4 str. (A)
Železniške naprave - Sistemi za odjem toka - Odjemniki toka, preskusne metode za kontaktne drsnike
Railway applications - Current collection systems - Pantographs, testing methods for contact strips
Osnova: EN 50405:2015/A1:2016
ICS: 45.020, 29.280

Dopolnilo A1 je dodatek k standardu SIST EN 50405:2016.
Ta evropski standard opredeljuje preskusne metode za določitev osnovnih karakteristik na novo izdelanih kontaktnih drsnikov v odjemnikih toka. Za nekatere oblike kontaktnih drsnikov ne bodo primerni vsi preskusi. Ta standard ne določa preskusov za kontaktne drsnike iz čiste kovine. Ta evropski standard ne vključuje preskusov obrabe in preskusov, v katerih je uporabljen določen odjemnik toka. Za določitev primernosti za določeno uporabo so morda potrebni dodatni preskusi, ki ne spadajo v okvir tega standarda ter so predmet predhodnega dogovora med stranko in proizvajalcem.

SIST EN 50533:2012/A1:2017
2017-03 (po) (en) 4 str. (A)
Železniške naprave - Napetostne karakteristike trifaznega glavnega voda na tirnem vozilu
Railway applications - Three-phase train line voltage characteristics
Osnova: EN 50533:2011/A1:2016
ICS: 45.060.01, 29.280

Dopolnilo A1 je dodatek k standardu SIST EN 50533:2012.
Ta evropski standard opisuje električne karakteristike trifaznega glavnega voda na tirnem vozilu, ki prenaša električno energijo iz pomožnega sistema za pretvorbo energije do pomožnih obremenitev. Uporablja se za: – potniške vlake, ki jih vleče lokomotiva; – električne večdelne enote; – dizelske električne večdelne enote. Ta evropski standard se lahko uporablja za druge vrste železniških vozil (npr. lahka železniška vozila, tramvaje, metroje itn.), če jih ne obravnava drug specifičen standard.

SIST EN 62621:2016/A1:2017
2017-03 (po) (en) 3 str. (A)
Železniške naprave - Stabilne naprave električne vleke - Posebne zahteve za kompozitne izolatorje za vozne vode omrežij
Railway applications - Fixed installations - Electric traction - Specific requirements for composite insulators used for overhead contact line systems
Osnova: EN 62621:2016/A1:2016
ICS: 29.280, 29.080.10

Dopolnilo A1 je dodatek k standardu SIST EN 62621:2016.

Ta mednarodni standard določa značilnosti kompozitnih izolatorjev sistemov kontaktnega vodnika za nadzemno električno vleko pri železnicah, kot je opredeljeno v standardu IEC 60913. Izolatorji, določeni v tem standardu, se uporabljajo pri napajalnih napetostih električne vleke z nazivno napetostjo več kot 1000 V pri izmeničnem toku ali z nazivno napetostjo več kot 1500 V pri enosmernem toku. Posebni načini uporabe, kjer lahko pride do visokih vrtilnih obremenitev, niso zajeti v tem standardu; dobavitelj in odjemalec se dogovorita o posameznih preskusih glede predstavitve ureditev s kritično obremenitvijo.
Ta mednarodni standard se uporablja za kompozitne izolatorje, kot je opredeljeno v spodnji točki 3.1, in ne za druge polimerne izolatorje.
Določbe v tem standardu so namenjene za zasnovo in izdelavo novih sistemov kontaktnega vodnika za nadzemno električno vleko z izolatorji ali za popolno obnovo obstoječih voznih vodov omrežij.
Ta standard podaja za kupca in proizvajalca številne preskuse, ki se uporabljajo za ocenjevanje primernosti izolatorjev za dano železniško okolje. Odjemalec lahko določi dodatne preskuse za izmero skladnosti izolatorja v določenih pogojih delovanja.
Standard določa karakteristike izdelka, preskusne metode in prevzemne kriterije. Cilj tega standarda je določiti določbe za zasnovo in zagotavljanje storitve, ki jih proizvajalec navede za kupca za namene uporabe v železniški infrastrukturi.

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

SIST EN 50632-3-3:2017
2017-03 (po) (en) 6 str. (B)
Elektromotorna orodja - Postopek merjenja prahu - 3-3. del: Posebne zahteve za premične skobeljnike in debelinke
Electric motor-operated tools - Dust measurement procedure - Part 3-3: Particular requirements for transportable planers and thicknessers
Osnova: EN 50632-3-3:2017
ICS: 25.100.25, 25.140.20

This European Standard applies to transportable motor-operated electric tools and deals with the measurement procedure for planers and thicknessers for measurements of dust emission.

SIST EN 62047-25:2017
2017-03 (po) (en) 25 str. (F)
Polprevodniški elementi - Mikroelektromehanski elementi - 25. del: Tehnologija proizvodnje MEMS na siliciju - Metoda za merjenje potezno-potisne in strižne trdnosti mikro spojnih mest (IEC 62047-25:2016)
Semiconductor devices - Micro-electromechanical devices - Part 25: Silicon-based MEMS fabrication technology - Measurement method of pull-press and shearing strength of micro bonding area (IEC 62047-25:2016)
Osnova: EN 62047-25:2016
ICS: 31.080.01

This part of IEC 62047 specifies the in-situ testing method to measure the bonding strength of micro bonding area which is fabricated by micromachining technologies used in silicon-based micro-electromechanical system (MEMS).
This document is applicable to the in-situ pull-press and shearing strength measurement of the micro bonding area fabricated by microelectronic technology process and other micromachining technology.
Micro anchor, fixed on the substrate through the micro bonding area, provides mechanical support of the movable sensing/actuating functional components in MEMS devices. With the devices scaling, the bonding strength degradation, induced by defects, contaminations and thermal mismatch stress on bonding surface, becomes severer. This standard specifies an insitu testing method of the pull-press and shearing strength based on a patterned technique.

This document does not need intricate instruments (such as scanning probe microscopy and nanoindenter) and to prepare the test specimen specially.
Since the testing structure in this standard can be implanted in device fabrication as a standard detection pattern, this document can provide a bridge, by which the fabrication foundry can give some quantitative reference for the designer.

SS SPL Strokovni svet SIST za splošno področje

SIST EN 12312-3:2017 SIST EN 12312-3:2004+A1:2009
2017-03 (po) (en;fr;de) 29 str. (G)
Podporna oprema na tleh za letalski promet - Posebne zahteve - 3. del: Tračni transporterji
Aircraft ground support equipment - Specific requirements - Part 3: Conveyor belt vehicles
Osnova: EN 12312-3:2017
ICS: 53.040.10, 49.100

This European Standard specifies the technical requirements to minimise the hazards listed in Clause 4 which can arise during the commissioning, the operation and the maintenance of conveyor belt vehicles 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 authorised representative. It also takes into account some requirements recognised as essential by authorities, aircraft and ground support equipment (GSE) manufacturers as well as airlines and handling agencies.
This European Standard applies to
a) self-propelled conveyor belt vehicles with or without driver's accommodation,
b) self-propelled conveyor belt vehicles equipped with a van body,
c) towed conveyor belt vehicles,
intended to be used for manual loading/unloading of aircraft.
This European Standard does not apply to any extensions or appurtenances of conveyor belt vehicles entering the aircraft cargo compartment in order to facilitate loading and unloading therein ("Aircraft Bulk Loading Systems", ABLS).
This European Standard does not apply to pneumatic systems and to cable-less remote controls.
This part of EN 12312 is not applicable to conveyor belt vehicles which were manufactured before the date of publication of this European Standard by CEN.
This part of EN 12312 when used in conjunction with EN 1915-1, EN 1915-2, EN 1915-3 and EN 1915-4 provides the requirements for conveyor belt vehicles.

SIST EN 131-2:2010+A2:2017 SIST EN 131-2:2010+A1:2012
SIST EN 131-2:2010+A1:2012/kFprA2:2016
SIST-TS CEN/TS 16665:2014
2017-03 (po) (en;fr;de) 58 str. (J)
Lestve - 2. del: Zahteve, preskušanje, označevanje
Ladders - Part 2: Requirements, testing, marking
Osnova: EN 131-2:2010+A2:2017
ICS: 97.145

This European Standard specifies the general design features, requirements and test methods for portable ladders. It does not apply to step stools or ladders for specific professional use such as firebrigade ladders, roof ladders and mobile ladders.
It does not apply to ladders used for work on or near live electrical systems or installations. For this purpose EN 61478 applies.
NOTE For insulating ladders for use on or near low voltage electrical installations EN 50528 applies.
This European Standard is intended to be used in conjunction with EN 131 1.
For single or multiple hinge joint ladders EN 131 4 applies.
For telescopic ladders EN 131-6 applies.
For mobile ladders with a platform EN 131 7 applies.

SIST EN 14534:2016/AC:2017
2017-03 (po) (en;fr;de) 2 str. (AC)
Poštne storitve - Kakovost storitev - Merjenje časa prenosa od sprejema do vročitve za masovno pošto - Popravek AC
Postal services - Quality of service - Measurement of the transit time of end-to-end services for bulk mail
Osnova: EN 14534:2016/AC:2017
ICS: 03.240
Popravek k standard SIST EN 14534:2016.
Ta evropski standard določa metode za merjenje časa prenosa od sprejema do vročitve za domačo in čezmejno, prednostno in neprednostno masovno pošto, ki jo sprejemajo, obdelujejo in dostavljajo poštni operaterji seNice. Upošteva metode, ki uporabljajo reprezentativni vzorec vseh vrst naslovljene masovne pošte. Izraz »od sprejema do vročitve« je opredeljen kot od točke, kjer je pošta oddana v sprejemni sistem, za katerega so odgovorni poštni operaterji, do točke končne dostave, za katero so odgovorni poštni operaterji. Za namene tega evropskega standarda lahko masovna pošta vključuje vse tipe naslovljene masovne pošte: poštne pošiljke, direktna pošta, revije in časopisi, če ni navedeno drugače. Rezultat splošne kakovosti seNice se izrazi kot odstotek pošte, dostavljene v J + n dneh od sprejema do vročitve v skladu s Poštno direktivo ES ali kot odstotek pošte, dostavljene po, do ali med pričakovanimi datumi. Meritev mora biti v celotnih dneh in se sme biti omejena s sklicem na specifičen čas v dnevu za dostavo. Ta kakovost indikatorja seNice ne meri splošne učinkovitosti poštnega operaterja na način, ki omogoča neposredno primerjavo poštnih operaterjev seNice, in ne vključuje kazalnikov učinkovitosti seNice, ki niso povezani s časom prenosa. Ta evropski standard ne meri, ali je čas sprejemov v skladu z zahtevami strank. Evropski standard se lahko uporablja za ocenjevanje učinkovitosti poštnih operaterjev za specifične proizvode ali storitve seNice na nacionalni ravni ali za posamezno stranko ali skupino strank. Evropski standard se ne sme uporabljati za ocenjevanje splošne učinkovitosti skupine proizvodov ali storitev seNice, ki vsebujejo druge specifikacije seNice v smislu pričakovanega časa prenosa. Določa sklop zahtev za zasnovo kakovosti sistema merjenja seNice za masovno pošto, vključno z izbiro in razpošiljanjem preskusnih pošiljk, ki jih pošiljajo in sprejemajo izbrani člani. Zasnova vzorca preskusnih pošiljk podaja specifikacije za pošto, ki je reprezentativna za realne toke pošte. Ta evropski standard se nanaša na merjenje storitev seNice, ki so na voljo podjetjem, ki imajo v pisarnah sprejemne točke ali svojo pošto oddajo poštnim operaterjem seNice. Če kot poštni operater deluje tretji zastopnik, mora v meritev biti vključen tudi čas, v katerem zastopnik prejme pošto. Kjer zastopnik deluje kot pošiljatelj, se čas meritve šteje od trenutka, ko pošto prejme poštni operater. Iz tehničnih razlogov ta evropski standard v vseh delih morda ni primeren za merjenje zelo majhnih količin pošte in za operaterje z omejeno pokritostjo. Ne uporablja se za merjenje časa prenosa od sprejema do vročitve posameznih pošiljk, ki zahtevajo drugačne sisteme merjenja. Evropski standard EN 13850 je bil razvit za posamične pošiljke prednostne pošte, standard EN 14508 pa za posamične pošiljke neprednostne pošte. Ta evropski standard vključuje specifikacije za nadzor kakovosti in nadzor sistema za merjenje. V določenih okoliščinah ta evropski standard omogoča izbiro med alternativami ali odstopanji, ki so predmet odobritve upravnega organa, ki izdaja predpise. Ta odobritev je potrebna le, če je proizvod ali seNice v okviru univerzalne obveznosti seNice.

SIST EN 16763:2017
2017-03 (po) (en;fr;de) 14 str. (D)
Storitve za sisteme požarne varnosti in varovanja
Services for fire safety systems and security systems
Osnova: EN 16763:2017
ICS: 13.220.99, 03.080.20

This European Standard specifies the general requirements for the minimum quality level of service provided by companies as well as the competencies of their involved staff charged with the planning, design, installation, commissioning, verification, handover or maintenance of fire safety systems and/or security systems, regardless whether these services are provided on-site or remotely.
This European Standard is applicable to services for fire safety systems and/or security systems, which are fire detection and fire alarm systems, security alarm systems including those parts of an alarm transmission system that the service provider has contractually accepted responsibility for (except social alarm systems, alarm receiving centres and the remaining parts of alarm transmission systems) and

fixed fire fighting systems and combination of such systems.
This standard applies regardless of project size or company structure or size.

SIST EN 16855-1:2017
2017-03 (po) (en;fr;de) 49 str. (I)
Dostopne hladilnice - Definicije, toplotnoizolacijske lastnosti in preskusne metode - 1. del: Montažne hladilnice
Walk-in cold rooms - Definition, thermal insulation performance and test methods - Part 1: Prefabricated cold room kits
Osnova: EN 16855-1:2017
ICS: 97.130.20

This European Standard applies to prefabricated walk-in cold room kits and components. It provides test or calculation methods to assess thermal insulation performances.
Performance characteristics of Walk-in cold rooms are assessed in terms of thermal insulating properties, in order to give a basis on which assessing Energy Consumption related properties of Walk-in cold rooms, and of their components.
Performance Characteristics will be assessed for every single component of the Walk-in cold room, and for the assembled Walk-in cold room as a whole.
This European Standard provides also a guide for installation.

SIST EN 16901:2017
2017-03 (po) (en;fr;de) 50 str. (I)
Zamrzovalniki za sladoled - Razvrstitev, zahteve in preskusni pogoji
Ice-cream freezers - Classification, requirements and test conditions
Osnova: EN 16901:2016
ICS: 97.040.30

The scope of this European Standard is to define the classification for horizontal closed ice-cream freezers and to specify their requirements and test methods. These appliances are different to supermarket segment freezers, as they work with static air cooling, with a skin evaporator (no evaporator fan) and are used specifically for the storage and display of pre-packed ice-cream. This standard is only applicable to integral type refrigeration systems. This standard is not applicable to remote and secondary system type cabinets. Ice-cream freezers within this standard should have a net volume ≤ 600 l and only for transparent lid ice cream freezers they should have a Net Volume/TDA ≥ 0,35 m.

SIST EN 16902:2017
2017-03 (po) (en;fr;de) 61 str. (K)
Komercialni hladilniki pijač - Razvrstitev, zahteve in preskusni pogoji
Commercial beverage coolers - Classification, requirements and test conditions
Osnova: EN 16902:2016
ICS: 97.130.20

The scope of this European Standard is to define the classification for commercial beverage coolers and to specify their requirements and test methods. This European Standard is applicable to integral refrigeration systems. This European Standard is not applicable to remote and secondary system cabinets.

SIST EN 2714-002:2017 SIST EN 2714-002:2014
2017-03 (po) (en;fr;de) 13 str. (D)
Aeronavtika - Eno- ali večžilni električni kabli za splošno uporabo - Delovne temperature med –55 °C in 260 °C - 002. del: Oklopljeni in oplaščeni - Splošno
Aerospace series - Cables, electrical, single and multicore for general purpose - Operating temperatures between - 55 °C and 260 °C - Part 002: Screened and jacketed - General
Osnova: EN 2714-002:2016
ICS: 49.060

This EN specifies the list of product standards and common characteristics of single and multicore screened and jacketed electrical cables for use in the on-board electrical systems of aircraft, at operating temperatures between − 55 °C and 260 °C (unless otherwise specified in product standards).

SIST EN 2811:2017
2017-03 (po) (en;fr;de) 8 str. (B)
Aeronavtika - Matice, šestrobe, kronske, jeklene, kadmirane - Klasifikacija: 1100 MPa/235 °C
Aerospace series - Nuts, hexagon, slotted/ castellated in steel cadmium plated - Classification: 1 100 MPa/235 °C
Osnova: EN 2811:2016
ICS: 49.030.30

This European Standard specifies the characteristics of steel, cadmium plated hexagonal nuts, with an upper portion slotted or castellated normal height, normal across flats.
These nuts are intended for use in aircraft assemblies subjected principally to shear loading.
They are intended to be used with threaded parts of 1 100 MPa 1) tensile strength classification and split pins to EN 2367.
The cadmium plating restricts the application to temperatures not exceeding 235 °C.

SIST EN 2879:2017
2017-03 (po) (en;fr;de) 7 str. (B)
Aeronavtika - Zakovne matice, samovarovalne, vremensko odporne, tesnilne, premične, z obojestransko prirobnico, z valjasto poglobitvijo, iz korozijsko odpornega jekla, pasivirane, mazane z MoS2 - Klasifikacija: 900 MPa (pri temperaturi okolice)/235 °C
Aerospace series - Nuts, anchor, self-locking, air resistant, sealing, floating, two lug, with counterbore, in corrosion resisting steel, passivated, MoS2 lubricated - Classification: 900 MPa (at ambient temperature) / 235°C
Osnova: EN 2879:2017
ICS: 49.030.30

This European Standard specifies the characteristics of self-locking, air resistant, sealing, floating, two lug anchor nuts, with counterbore, in corrosion resisting steel, passivated, MoS2 lubricated.
Classification: 900 MPa 1) / 235 °C 2).

SIST EN 3672:2017 SIST EN 3672:2008
2017-03 (po) (en;fr;de) 7 str. (B)
Aeronavtika - Zakovičene matice, samovarovalne, iz toplotnoodporne zlitine na nikljevi osnovi NI-P101HT (Waspaloy), posrebrene, za odprtine 30° - Klasifikacija: 1210 MPa (pri sobni temperaturi)/730 °C
Aerospace series - Shank nuts, self-locking, in heat resisting nickel base alloy NI-P101HT (Waspaloy), silver plated, for 30°C swage - Classification: 1 210 MPa (at ambient temperature) / 730°C
Osnova: EN 3672:2016
ICS: 49.030.30

This European Standard specifies the characteristics of self-locking shank nuts in NI-P101HT, silver plated, for use in 30° cone holes, for aerospace applications.
Classification: 1 210 MPa 1)/730 °C 2).

SIST EN 3902:2017
2017-03 (po) (en;fr;de) 6 str. (B)
Aeronavtika - Podložke za zakovice iz aluminijeve litine, anodizirane, v metrskih merah
Aerospace series - Washers for rivet assemblies, in aluminium alloy, anodized, metric series
Osnova: EN 3902:2016
ICS: 49.025.20, 49.030.50

This standard specifies the characteristics of washers for rivet assemblies, in aluminium alloy, anodized, metric series, for maximum operating temperature 120 °C, for aerospace applications.

SIST EN 4072:2016/AC:2017
2017-03 (po) (en;fr;de) 2 str. (AC)
Aeronavtika - Vijaki, 100° ugreznjena glava, križna zareza, polno steblo, ozka toleranca, kratek navoj, iz titanove zlitine, prevlečene z aluminijem IVD - Klasifikacija: 1100 MPa (pri temperaturi okolice)/425 °C - Popravek AC
Aerospace series - Screws, 100° countersunk normal head, offset cruciform recess, close tolerance shank, short thread in titanium alloy, aluminium IVD coated - Classification: 1 100 MPa (at ambient temperature) / 425 °C
Osnova: EN 4072:2016/AC:2017
ICS: 49.025.30, 49.025.20, 49.030.20

Popravek k standardu SIST EN 4072:2016.
Ta standard določa značilnosti vijakov: 100° ugreznjena glava, križna zareza, polno steblo, ozka toleranca, kratek navoj, iz titanove zlitine, prevlečene z aluminijem IVD. Klasifikacija: 1100 MPa1)/425 °C2).

SIST EN 4178:2017 SIST EN 4178:2010
2017-03 (po) (en;fr;de) 10 str. (C)
Aeronavtika - Vijaki, valjasta glava, šestzoba vdolbina, široka toleranca, srednja navojna dolžina, iz titanove zlitine, anodizirani, mazani z MoS2 - Klasifikacija: 1100 MPa (pri temperaturi okolice)/315 °C
Aerospace series - Screws, pan head, six lobe recess, coarse tolerance normal shank, medium length thread, in titanium alloy, anodized, MoS2 lubricated - Classification: 1 100 MPa (at ambient temperature)/315 °C
Osnova: EN 4178:2017
ICS: 49.025.30, 49.030.10

This European Standard specifies the characteristics of screws, pan head, six lobe recess, coarse tolerance normal shank, medium length thread, in titanium alloy, anodized, MoS2 lubricated.
Classification: 1 100 MPa) / 315 °C).

SIST EN 4179:2017 SIST EN 4179:2010
2017-03 (po) (en;fr;de) 30 str. (G)
Aeronavtika - Usposobljenost in odobritev osebja za neporušitveno preskušanje
Aerospace series - Qualification and approval of personnel for non-destructive testing
Osnova: EN 4179:2017
ICS: 49.020, 19.100, 03.100.30

This European Standard establishes the minimum requirements for the qualification and certification of personnel performing nondestructive testing (NDT), nondestructive inspection (NDI), or

nondestructive evaluation (NDE) in the aerospace manufacturing, service, maintenance and overhaul industries. For the purposes of this standard, the term NDT will be used and will be considered equivalent to NDI and NDE.
In Europe, the term “approval” is used to denote a written statement by an employer that an individual has met specific requirements and has operating approval. Certification per EN ISO/CEI 17024 is required by this standard when specified by local or regulatory requirements.
The term “certification” as defined in 3.1 is used throughout this standard as a substitute for the term “approval”. Except when otherwise specified in the written practice, certification in accordance with this standard includes operating approval.

SIST EN 4297:2017
2017-03 (po) (en;fr;de) 7 str. (B)
Aeronavtika - Matice, šestrobe, samovarovalne s plastičnim obročem, normalno visoke, normalno prečno ploske, iz korozijsko odpornega jekla, pasivirane - Klasifikacija: 900 MPa (pri temperaturi okolice)/120 °C
Aerospace series - Nuts, hexagon, self-locking by plastic ring, normal height, normal across flats, in corrosion resisting steel, passivated - Classification: 900 MPa (at ambient temperature) / 120 °C
Osnova: EN 4297:2017
ICS: 49.030.30

This European Standard specifies the characteristics of hexagonal nuts, self-locking by plastic ring, normal height, normal across flats, in corrosion resisting steel, passivated.
Classification: 900 MPa) / 120 °C).

SIST EN 4309:2017
2017-03 (po) (en;fr;de) 7 str. (B)
Aeronavtika - Matice, šestrobe, samovarovalne s plastičnim obročem, normalno visoke, normalno prečno ploske, iz jeklene litine, kadmirane - Klasifikacija: 900 MPa (pri temperaturi okolice)/120 °C
Aerospace series - Nuts, hexagon, self-locking by plastic ring, normal height, normal across flats, in alloy steel, cadmium plated - Classification: 900 MPa (at ambient temperature) / 120 °C
Osnova: EN 4309:2016
ICS: 49.030.30

This European Standard specifies the characteristics of hexagonal nuts, self-locking by plastic ring, normal height, normal across flats, in alloy steel, cadmium plated.
Classification: 900 MPa / 120 °C

SIST EN 4531-001:2017 SIST EN 4531-001:2012
2017-03 (po) (en;fr;de) 37 str. (H)
Aeronavtika - Konektorji, optični, okrogli, z enim ali več zatiči, priključeni s tristopenjskim navojnim obročkom - Izravnani kontakti - 001. del: Tehnična specifikacija
Aerospace series - Connectors, optical, circular, single and multipin, coupled by triple start threaded ring - Flush contacts - Part 001: Technical specification
Osnova: EN 4531-001:2017
ICS: 31.220.10, 49.060

This European Standard specifies the general characteristics, the conditions for qualification, acceptance and quality assurance, as well as the test programs and groups for threaded ring coupling circular fibre optic self-locking connectors, fire-resistant or non fire-resistant, intended for use in a temperature range from −65 °C to 150 °C (cable dependent) continuous.

SIST EN 4644-002:2017 SIST EN 4644-002:2012

2017-03 (po) (en;fr;de) 28 str. (G)

Aeronavtika - Konektor, električni in optični, pravokotni, modularni, pravokotni vložki, stalna delovna temperatura 175 °C (ali 125 °C) - 002. del: Specifikacija lastnosti in razporeditev kontaktov

Aerospace series - Connector, electrical and optical, rectangular, modular, rectangular inserts, operating temperature 175 °C (or 125 °C) continuous - Part 002: Specification of performance and contact arrangements

Osnova: EN 4644-002:2016

ICS: 31.220.10, 49.060

This European Standard specifies the common conditions for rectangular electrical modular connectors for receptacles and plugs with interchangeable modules and a continuous operating temperature of 175 °C (or 125 °C). Contact arrangements for fibre optic contacts are described in EN 4639-002.

SIST EN 4644-142:2017 SIST EN 4644-142:2012

2017-03 (po) (en;fr;de) 9 str. (C)

Aeronavtika - Konektor, električni in optični, pravokotni, modularni, pravokotni kontaktni vložki, stalna delovna temperatura 175 °C (ali 125 °C) - 142. del: Fiksni konektorji, velikost 4, za priključevanje naprave, razreda C in D - Standard za proizvod

Aerospace series - Connector, electrical and optical, rectangular, modular, rectangular inserts, operating temperature 175 °C (or 125 °C) continuous - Part 142: Size 4 receptacle for rack and panel application, class C and D - Product standard

Osnova: EN 4644-142:2016

ICS: 31.220.10, 49.060

This European Standard specifies the size 4 receptacle for rack and panel application used in the family of modular rectangular electrical and optical connector with rectangular inserts. The plug corresponding to this receptacle is defined in EN 4644-141.

SIST EN 6029:2017

2017-03 (po) (en;fr;de) 10 str. (C)

Aeronavtika - Končniki, nastavljivi, enostavni (enoročični), UNJ-navojne ročice z dolžino navoja min. 1,5 x premer navoja, iz korozijsko odpornega jekla - Mere in obremenitve - Colska izvedba

Aerospace series - Rod-ends, adjustable, single fork with UNJ threaded shank min. engagement: 1,5 x thread diameter in corrosion resisting steel - Dimensions and loads - Inch series

Osnova: EN 6029:2017

ICS: 49.030.01

This European Standard specifies the characteristics of adjustable rod ends in corrosion resisting steel, inch series, consisting of:

- a single fork ;
- a UNJ threaded shank with ;
- min. engagement 1,5 times thread diameter and
- longitudinal groove for locking purposes.

These rod ends are intended for use with control rods or rods for aerospace structures.

They shall be used in the temperature range − 54 °C and 150 °C.

SIST EN 6059-202:2017
2017-03 (po) (en;fr;de) 5 str. (B)
Aeronavtika - Električni kabli, namestitev - Zaščitne obojke - Preskusne metode - 202. del: Mere in mase
Aerospace series - Electrical cables, installation - Protection sleeves - Test methods - Part 202: Dimensions and mass
Osnova: EN 6059-202:2016
ICS: 49.060

This European Standard specifies a method for the examination of dimensions and mass of protection sleeve for electrical cable and cable bundles. It shall be used together with EN 6059-100.

SIST EN 6129:2016/AC:2017
2017-03 (po) (en;fr;de) 2 str. (AC)
Aeronavtika - Slepa kovica, štrleča glava, zelo trdna, povlečni tip - Popravek AC
Aerospace series - Blind bolt, protruding head, high strength, pulltype
Osnova: EN 6129:2016/AC:2017
ICS: 49.030.60, 49.030.20

Popravek k standardu SIST EN 6129:2016.
Ta standard določa konfiguracijo, dimenzije, tolerance in maso slepih kovic iz nerjavnega jekla s štrlečo glavo za uporabo v aeronavtiki.

SIST EN ISO 16890-1:2017 SIST EN 779:2012
2017-03 (po) (en;fr;de) 36 str. (H)
Zračni filtri pri splošnem prezračevanju - 1. del: Tehnične specifikacije, zahteve in klasifikacijski sistem učinkovitosti na podlagi drobnih delcev (ePM) (ISO 16890-1:2016)
Air filters for general ventilation - Part 1: Technical specifications, requirements and classification system based upon particulate matter efficiency (ePM) (ISO 16890-1:2016)
Osnova: EN ISO 16890-1:2016
ICS: 91.140.30

This International Standard refers to particulate air filters for general ventilation having an initial efficiency of less than 99 % with respect to 0,4 µm particles. Filters used in the ventilation of low-rise residential buildings or portable room-air cleaners are excluded from the scope of this standard. It describes the technical specifications, requirements and an efficiency classification system based upon fractional efficiency measurement and a Particulate Matter (PM) reporting system. The method is applicable for air flow rates between 0,25 m³/s (900 m³/h, 530 ft³/min) and 1,5 m³/s (5400 m³/h, 3178 ft³/min), referring to a test duct with a nominal face area of 0,61 m x 0,61 m. Filters in the higher end and above 99 % initial efficiency with respect to 0,4 µm particles are tested and classified according to other standards (see ISO 29463, part 1-5). Filters according to this series of standards are rated by their removal efficiency to PM10, PM2.5 and PM1 aerosol fractions. The particle collection efficiency of the filter element is measured as a function of the particle size in the range of 0,3 to 10 µm of the unloaded and unconditioned filter element. In a second step, a full filter element shall be conditioned (discharged) in an artificial aging step to provide information about the intensity of the electrostatic removal mechanism. The results from this second step are used to calculate the average efficiency in each of the PM10, PM2.5 and PM1 size ranges by weighting the fractional efficiency values according to the standardized and normalized particle size distribution of the related fraction of the ambient aerosol. This standardized and normalized particle size distribution is defined in this standard.

SIST EN ISO 16890-2:2017 SIST EN 779:2012
2017-03 (po) (en;fr;de) 70 str. (K)
Zračni filtri pri splošnem prezračevanju - 2. del: Merjenje frakcijske učinkovitosti in odpornosti proti toku zraka (ISO 16890-2:2016)
Air filters for general ventilation - Part 2: Measurement of fractional efficiency and air flow resistance (ISO 16890-2:2016)
Osnova: EN ISO 16890-2:2016
ICS: 91.140.30

This International Standard refers to particulate air filters for general ventilation having an initial efficiency of less than 99 % with respect to 0,4 µm particles. Filters used in the ventilation of low-rise residential buildings or portable room-air cleaners are excluded from the scope of this standard. It describes the technical specifications, requirements and a method of test for the fractional efficiency measurement and resistance to airflow. The method is applicable for air flow rates between 0,25 mł/s (900 mł/h, 530 ftł/min) and 1,5 mł/s (5400 mł/h, 3178 ftł/min), referring to a test duct with a nominal face area of 0,61 m x 0,61 m. Filters in the higher end and above 99 % initial efficiency with respect to 0,4 µm particles are tested and classified according to other standards (see ISO 29463, part 1-5). Filters according to this series of standards are rated by their removal efficiency to PM10, PM2.5 and PM1 aerosol fractions. The particle collection efficiency of the filter element is measured as a function of the particle size in the range of 0,3 to 10 µm of the unloaded and unconditioned filter element. In a second step, a full filter element shall be conditioned (discharged) in an artificial aging step to provide information about the intensity of the electrostatic removal mechanism. The results from this second step are used to calculate the average efficiency in each of the PM10, PM2.5 and PM1 size ranges by weighting the fractional efficiency values according to the standardized and normalized particle size distribution of the related fraction of the ambient aerosol. This standardized and normalized particle size distribution is defined in this standard

SIST EN ISO 16890-3:2017 SIST EN 779:2012
2017-03 (po) (en;fr;de) 30 str. (G)
Zračni filtri pri splošnem prezračevanju - 3. del: Ugotavljanje gravimetrijske učinkovitosti in odpornosti pretoka zraka v odvisnosti od mase zajetega preskusnega prahu (ISO 16890-3:2016)
Air filters for general ventilation - Part 3: Determination of the gravimetric efficiency and the airflow resistance versus the mass of test dust captured (ISO 16890-3:2016)
Osnova: EN ISO 16890-3:2016
ICS: 91.140.30

This International Standard refers to particulate air filters for general ventilation having an initial efficiency of less than 99 % with respect to PM1 values as defined in ISO 16890-1 Air filters for general ventilation - Part 1: Technical specifications, requirements and efficiency classification system based upon Particulate Matter (PM). Filters used in the ventilation of low-rise residential buildings or in portable room-air cleaners are excluded from the scope of this standard. This International standard describes the procedure to determine the gravimetric efficiency and the resistance to airflow for a given air cleaning device. After determination of the initial particle removal efficiency and the conditioned particle removal efficiency, the filter element is loaded with synthetic dust until its final test pressure drop is reached. The pressure drop curve versus the dust loading is recorded during the course of dust loading to determine the test dust holding capacity. The performance results obtained in accordance with this series of standards cannot by themselves be quantitatively applied to predict performance in service with regard to efficiency and lifetime. Other factors influencing performance to be taken into account are described in Annex A (informative).

SIST EN ISO 16890-4:2017 SIST EN 779:2012
2017-03 (po) (en;fr;de) 20 str. (E)
Zračni filtri pri splošnem prezračevanju - 4. del: Metoda kondicioniranja za ugotavljanje minimalne frakcijske učinkovitosti (ISO 16890-4:2016)
Air filters for general ventilation - Part 4: Conditioning method to determine the minimum fractional test efficiency (ISO 16890-4:2016)
Osnova: EN ISO 16890-4:2016
ICS: 91.140.30

This International Standard refers to particulate air filters for general ventilation having an initial efficiency of less than 99 % with respect to 0,4 µm particles. Filters used in the ventilation of low-rise residential buildings or portable room-air cleaners are excluded from the scope of this standard. It describes the technical specifications, requirements and a method of conditioning (discharging) filters in an artificial aging step to provide information about the intensity of the electrostatic removal mechanism. The method is applicable for air flow rates between 0,25 mł/s (900 mł/h, 530 ftł/min) and 1,5 mł/s (5400 mł/h, 3178 ftł/min), referring to a test duct with a nominal face area of 0,61 m x 0,61 m. Filters in the higher end and above 99 % initial efficiency with respect to 0,4 µm particles are tested and classified according to other standards (see ISO 29463, part 1-5). Filters according to this series of standards are rated by their removal efficiency to PM10, PM2.5 and PM1 aerosol fractions. The particle collection efficiency of the filter element is measured as a function of the particle size in the range of 0,3 to 10 µm of the unloaded and unconditioned filter element. In a second step, a full filter element shall be conditioned (discharged) in an artificial aging step to provide information about the intensity of the electrostatic removal mechanism. The results from this second step are used to calculate the average efficiency in each of the PM10, PM2.5 and PM1 size ranges by weighting the fractional efficiency values according to the standardized and normalized particle size distribution of the related fraction of the ambient aerosol. This standardized and normalized particle size distribution is defined in this standard.

SIST EN ISO 17409:2017
2017-03 (po) (en;fr;de) 31 str. (G)
Cestna vozila na električni pogon - Priključitev na zunanje električno napajanje - Varnostne zahteve (ISO 17409:2015)
Electrically propelled road vehicles - Connection to an external electric power supply - Safety requirements (ISO 17409:2015)
Osnova: EN ISO 17409:2017
ICS: 43.120

This standard specifies electric safety requirements for conductive connection of electrically propelled road vehicles to an external electric power supply.
This standard is applicable to category L6 and L7 defined by ECE regulations as well. This standard shall not exclude technology such as class II solutions.
It does not apply to motorcycles and vehicles not primarily intended as road vehicles such as material handling trucks or fork-lifts. It applies only to on-board charging circuits with maximum working voltages according to voltage class B.
It does not provide comprehensive safety information for manufacturing, maintenance and repair personnel.
The requirements when not connected to off-board equipment of the external electric power supply are specified in ISO 6469-3.
NOTE Requirements for off-board equipment of the external electric power supply are specified in IEC 61851

SIST EN ISO 17776:2017 SIST EN ISO 17776:2004
2017-03 (po) (en;fr;de) 106 str. (N)
Industrija nafte in zemeljskega plina - Plavajoči proizvodni objekti - Upravljanje nevarnosti večjih nesreč med načrtovanjem novih objektov (ISO 17776:2016)
Petroleum and natural gas industries - Offshore production installations - Major Accident hazard management during the design of new installations (ISO 17776:2016)
Osnova: EN ISO 17776:2016
ICS: 75.180.10

This document describes processes for managing major accident (MA) hazards during the design of offshore oil and gas production installations. It provides requirements and guidance on the development of strategies both to prevent the occurrence of MAs and to limit the possible consequences. It also contains some requirements and guidance on managing MA hazards in operation.
This document is applicable to the design of
— fixed offshore structures, and
— floating systems for production, storage and offloading
for the petroleum and natural gas industries.
The scope includes all credible MA hazards with the potential to have a material effect on people, the environment and assets.
This document is intended for the larger projects undertaken to develop new offshore installations. However, the principles are also applicable to small or simple projects or design changes to existing facilities and can also be relevant to onshore production facilities.
Mobile offshore units as defined in this document are excluded, although many of the principles can be used as guidance. The design of subsea facilities are also excluded, though the effects of mobile and subsea facilities are considered if they can lead to major accidents that affect an offshore installation. This document does not cover the construction, commissioning, abandonment or security risks associated with offshore installations.
The decision to apply the requirements and guidance of this document, in full or in part, is intended to be based on an assessment of the likelihood and possible consequences of MA hazards.

SIST EN ISO 20109:2017
2017-03 (po) (en) 25 str. (F)
Simultano tolmačenje - Oprema - Zahteve (ISO 20109:2016)
Simultaneous interpreting - Equipment - Requirements (ISO 20109:2016)
Osnova: EN ISO 20109:2016
ICS: 91.040.10

This document specifies requirements for equipment used for simultaneous interpreting. Accessibility requirements are defined in Annex A.
Requirements for booths furniture are defined in Annex B.
Requirements on the system operation are defined in Annex C.
In conjunction with either ISO 2603 or ISO 4043, ISO 20108 and this document provide the relevant requirements both for the quality and transmission of sound and image provided to interpreters and for the equipment needed in the booths.

SIST EN ISO 2603:2017
2017-03 (po) (en) 18 str. (E)
Simultano tolmačenje - Vgrajene kabine - Zahteve (ISO 2603:2016)
Simultaneous interpreting - Permanent booths - Requirements (ISO 2603:2016)
Osnova: EN ISO 2603:2016
ICS: 91.040.10

This document provides requirements and recommendations for building and renovating permanent booths for simultaneous interpreting in new and existing buildings. This document also ensures the usability and accessibility of booths for all interpreters, including those with special needs. It is

applicable to all types of permanent booths, using built-in or portable equipment. In conjunction with either this document or ISO 4043, ISO 20108 and ISO 20109 provide the relevant requirements both for the quality and transmission of sound and image provided to interpreters and for the equipment needed in the booths.

SIST EN ISO 4043:2017
2017-03 (po) (en) 19 str. (E)
Simultano tolmačenje - Premične kabine - Zahteve (ISO 4043:2016)
Simultaneous interpreting - Mobile booths - Requirements (ISO 4043:2016)
Osnova: EN ISO 4043:2016
ICS: 91.040.10

This document provides requirements and recommendations for the manufacturing of mobile simultaneous interpreting booths. The main features of mobile booths that distinguish them from permanent simultaneous interpreting booths are that they can be dismantled, moved and set up in a conference room not equipped with permanent booths. This document also ensures the usability and accessibility of booths for all interpreters, including those with special needs.
Requirements for the use and siting of mobile booths are described in Annex A.
In conjunction with either ISO 2603 or this document, ISO 20108 and ISO 20109 provide the relevant requirements both for the quality and transmission of sound and image provided to interpreters and for the equipment needed in the booths.

Obvestilo o prevodih že sprejetih slovenskih nacionalnih standardov

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

SIST/TC BBB Beton, armirani beton in prednapeti beton

SIST EN 206:2013+A1:2016
2016-12 (pr) (sl) 92 str. (SM)
Beton - Specifikacija, lastnosti, proizvodnja in skladnost
Concrete - Specification, performance, production and conformity
Osnova: EN 206:2013+A1:2016
ICS: 91.100.30
Datum prevoda: 2017-03

(1) Ta evropski standard velja za beton za konstrukcije, betonirane na mestu uporabe, za montažne konstrukcije ter za montažne konstrukcijske izdelke za stavbe in inženirske konstrukcije.
(2) Beton po tem evropskem standardu je lahko:
- normalno težek, težek in lahek,
- proizveden na gradbišču, transportni beton ali proizveden v obratu za montažne betonske izdelke,

– zgoščen ali samozgoščevalni beton, ki ne vsebuje znatnih količin zajetega zraka, razen namerno vnesenega zraka.

(3) Ta standard predpisuje zahteve za:
- osnovne materiale za beton,
- lastnosti svežega in strjenega betona ter njihovo preverjanje,
- omejitve za sestavo betona,
- specifikacijo betona,
- dostavo svežega betona,
- postopke kontrole proizvodnje,
- merila skladnosti in vrednotenje skladnosti.

(4) Drugi evropski standardi za specifične proizvode, npr. montažne izdelke, ali za postopke s področja tega standarda lahko zahtevajo ali dovoljujejo odstopanja od tega standarda.

(5) V drugih evropskih standardih so lahko podane dodatne ali drugačne zahteve za specifično uporabo, na primer:
- za beton za ceste in druge prometne površine (npr. betonska vozišča po EN 13877-1),
- za posebne tehnologije (npr. brizgani beton, skladen z EN 14487).

(6) Dodatne zahteve ali drugačne preskusne metode so lahko specificirane za posebne tipe betonov in namen uporabe, na primer:
- beton za masivne konstrukcije (npr. pregrade),
- suhe betonske mešanice,
- beton z D_{max} 4 mm ali manj (malta),
- samozgoščevalne betone (SCC), ki vsebujejo lahki ali težki agregat ali vlakna,
- beton z odprto strukturo (npr. porozne betone za dreniranje).

(7) Ta standard ne velja za:
- avtoklavirani celičast beton,
- penobeton,
- beton z gostoto pod 800 kg/m^3,
- ognjevzdržni beton.

(8) Ta standard ne obravnava zdravstvenih in varnostnih zahtev za zaščito delavcev med proizvodnjo in dostavo betona.

Razveljavitev slovenskih standardov

SIST/TC	Razveljavljeni dokument	Leto razveljavitve	Zamenjan z dokumentom
DTN	SIST EN 1726-2:2002	2017-03	SIST EN ISO 3691-3:2017
DTN	SIST EN ISO 15236-1:2006	2017-03	SIST EN ISO 15236-1:2017
DTN	SIST EN ISO 15236-2:2004	2017-03	SIST EN ISO 15236-2:2017
DTN	SIST EN ISO 703:2008	2017-03	SIST EN ISO 703:2017
DTN	SIST EN ISO 9856:2004	2017-03	SIST EN ISO 9856:2017
DTN	SIST EN ISO 9856:2004/A1:2012	2017-03	SIST EN ISO 9856:2017
ELI	SIST HD 384.5.56 S1:2000	2017-03	SIST HD 60364-5-56:2011
EMC	SIST EN 61000-4-20:2005	2017-03	SIST EN 61000-4-20:2011
EPO	SIST EN 14375:2004	2017-03	SIST EN 14375:2017
EPO	SIST EN 14375:2004/AC:2006	2017-03	SIST EN 14375:2017
EPO	SIST EN 15433-6:2008	2017-03	SIST EN 15433-6:2017
EPO	SIST EN 862:2006	2017-03	SIST EN 862:2017
EPO	SIST EN ISO 13355:2003	2017-03	SIST EN ISO 13355:2017
ETC	SIST EN 60831-1:1999	2017-03	SIST EN 60831-1:2015
IEHT	SIST EN 61400-2:2006	2017-03	SIST EN 61400-2:2015
IEKA	SIST EN 50267-1:1999	2017-03	SIST EN 60754-1:2014 SIST EN 60754-2:2014
IEKA	SIST EN 50267-2-1:1999	2017-03	SIST EN 60754-1:2014 SIST EN 60754-2:2014
IEKA	SIST EN 50267-2-2:1999	2017-03	SIST EN 60754-1:2014 SIST EN 60754-2:2014
IEKA	SIST EN 50267-2-3:1999	2017-03	SIST EN 60754-1:2014 SIST EN 60754-2:2014
IEKA	SIST-TS CLC/TS 50576:2014	2017-03	SIST-TS CLC/TS 50576:2017
IFEK	SIST EN 10056-1:2000	2017-03	SIST EN 10056-1:2017
IIZS	SIST EN 60243-2:2002	2017-03	SIST EN 60243-2:2014
IIZS	SIST EN 60243-3:2002	2017-03	SIST EN 60243-3:2014
IIZS	SIST EN 60819-3-4:2002	2017-03	SIST EN 60819-3-4:2014
IMKG	SIST EN 609-1:1999+A2:2010	2017-03	SIST EN 609-1:2017
IPKZ	SIST EN ISO 12696:2012	2017-03	SIST EN ISO 12696:2017
IPMA	SIST EN 15425:2009	2017-03	SIST EN 15425:2017
IPMA	SIST EN ISO 4641:2012	2017-03	SIST EN ISO 4641:2017
IPMA	SIST EN ISO 8033:2006	2017-03	SIST EN ISO 8033:2017
ITEK	SIST EN ISO 12947-2:1999	2017-03	SIST EN ISO 12947-2:2017
ITEK	SIST EN ISO 12947-2:1999/AC:2006	2017-03	SIST EN ISO 12947-2:2017
ITEK	SIST EN ISO 1421:1999	2017-03	SIST EN ISO 1421:2017

SIST/TC	Razveljavljeni dokument	Leto razveljavitve	Zamenjan z dokumentom
IVAR	SIST EN ISO 10675-1:2013	2017-03	SIST EN ISO 10675-1:2017
IVAR	SIST EN ISO 17635:2010	2017-03	SIST EN ISO 17635:2017
IVAR	SIST EN ISO 17637:2011	2017-03	SIST EN ISO 17637:2017
IVAR	SIST EN ISO 17638:2010	2017-03	SIST EN ISO 17638:2017
IŽNP	SIST EN 15551:2009+A1:2010	2017-03	SIST EN 15551:2017
IŽNP	SIST-TS CEN/TS 16635:2014	2017-03	SIST EN 16585-1:2017
KAZ	SIST EN 14789:2005	2017-03	SIST EN 14789:2017
KAZ	SIST EN 14792:2006	2017-03	SIST EN 14792:2017
KAZ	SIST EN 15058:2006	2017-03	SIST EN 15058:2017
KON	SIST-TS CEN ISO/TS 17892-4:2004	2017-03	SIST EN ISO 17892-4:2017
KON.007	SIST-TS CEN ISO/TS 17892-4:2004/AC:2010	2017-03	SIST EN ISO 17892-4:2017
KŽP	SIST EN 14176:2004	2017-03	SIST EN 14176:2017
KŽP	SIST EN 14526:2005	2017-03	SIST EN 14526:2017
LLZ	SIST-TP CEN/TR 16663:2014	2017-03	SIST-TS CEN/TS 16663:2017
MOC	SIST EN 60794-2-20:2010	2017-03	
NAD	SIST EN ISO 6976:2005	2017-03	SIST EN ISO 6976:2017
NTF	SIST HD 472 S1:1996/AC:2014	2017-03	
OVP	SIST EN 1496:2006	2017-03	SIST EN 1496:2017
OVP	SIST EN 367:1996	2017-03	SIST EN ISO 9151:2017
OVP	SIST EN 367:1996/AC:2000	2017-03	SIST EN ISO 9151:2017
OVP	SIST EN 374-1:2003	2017-03	
OVP	SIST EN ISO 10256:2003	2017-03	SIST EN ISO 10256-1:2017
OVP	SIST EN ISO 15025:2003	2017-03	SIST EN ISO 15025:2017
PCV	SIST EN 1453-1:2000	2017-03	SIST EN 1453-1:2017
PKG	SIST EN 1330-7:2005	2017-03	SIST EN ISO 12707:2017
PKG	SIST EN ISO 148-2:2009	2017-03	SIST EN ISO 148-2:2017
PKG	SIST EN ISO 148-3:2009	2017-03	SIST EN ISO 148-3:2017
PKG	SIST EN ISO 6892-1:2010	2017-03	SIST EN ISO 6892-1:2017
PKG	SIST EN ISO 9934-1:2015	2017-03	SIST EN ISO 9934-1:2017
POH	SIST EN 12727:2001	2017-03	SIST EN 12727:2017
POH	SIST EN 15372:2008	2017-03	SIST EN 15372:2017
POH	SIST EN 527-2:2003	2017-03	SIST EN 527-2:2017
SPO	SIST EN 12572-1:2007	2017-03	SIST EN 12572-1:2017
SPO	SIST EN 12572-2:2009	2017-03	SIST EN 12572-2:2017
SPO	SIST EN 12572-3:2009	2017-03	SIST EN 12572-3:2017

SIST/TC	Razveljavljeni dokument	Leto razveljavitve	Zamenjan z dokumentom
SPO	SIST EN 957-4:2006+A1:2010	2017-03	SIST EN ISO 20957-4:2017
SPO	SIST EN 957-5:2009	2017-03	SIST EN ISO 20957-5:2017
SPO	SIST EN 957-9:2003	2017-03	SIST EN ISO 20957-9:2017
SPO	SIST EN ISO 8936:2009	2017-03	SIST EN ISO 8936:2017
VPK	SIST EN ISO 12625-4:2005	2017-03	SIST EN ISO 12625-4:2017
VPK	SIST EN ISO 12625-5:2005	2017-03	SIST EN ISO 12625-5:2017
VPK	SIST EN ISO 12625-6:2005	2017-03	SIST EN ISO 12625-6:2017
VPK	SIST ISO 2144:2000	2017-03	SIST ISO 2144:2016
VPK	SIST ISO 5636-1:1995	2017-03	
VSN	SIST EN 13743:2009	2017-03	SIST EN 13743:2017
VZK	SIST-TS ISO/TS 16949:2010	2017-03	
ŽEN	SIST EN 50121-1:2007	2017-03	SIST EN 50121-1:2015
ŽEN	SIST EN 50121-3-1:2007	2017-03	SIST EN 50121-3-1:2015
ŽEN	SIST EN 50343:2003	2017-03	SIST EN 50343:2014
SS EIT	SIST EN 60831-1:1999/A1:2003	2017-03	SIST EN 60831-1:2015
SS EIT	SIST EN 50445:2008	2017-03	
SS EIT	SIST EN 60044-3:2003	2017-03	SIST EN 61869-4:2014
SS EIT	SIST EN 60974-3:2008	2017-03	SIST EN 60974-3:2014
SS EIT	SIST EN 61240:2002	2017-03	SIST EN 61240:2012
SS SPL	SIST DIN 18916:2013	2017-03	
SS SPL	SIST DIN 18917:2013	2017-03	
SS SPL	SIST DIN 18919:2013	2017-03	
SS SPL	SIST DIN 1450:2008	2017-03	
SS SPL	SIST EN 12312-3:2004+A1:2009	2017-03	SIST EN 12312-3:2017
SS SPL	SIST EN 131-2:2010+A1:2012	2017-03	SIST EN 131-2:2010+A2:2017
SS SPL	SIST EN 16147:2011	2017-03	SIST EN 16147:2017
SS SPL	SIST EN 16147:2011/AC:2012	2017-03	SIST EN 16147:2017
SS SPL	SIST EN 2714-002:2014	2017-03	SIST EN 2714-002:2017
SS SPL	SIST EN 3672:2008	2017-03	SIST EN 3672:2017
SS SPL	SIST EN 4178:2010	2017-03	SIST EN 4178:2017
SS SPL	SIST EN 4179:2010	2017-03	SIST EN 4179:2017
SS SPL	SIST EN 4531-001:2012	2017-03	SIST EN 4531-001:2017
SS SPL	SIST EN 4644-002:2012	2017-03	SIST EN 4644-002:2017
SS SPL	SIST EN 4644-142:2012	2017-03	SIST EN 4644-142:2017
SS SPL	SIST EN 779:2012	2017-03	SIST EN ISO 16890-1:2017 SIST EN ISO 16890-2:2017 SIST EN ISO 16890-3:2017

SIST/TC	Razveljavljeni dokument	Leto razveljavitve	Zamenjan z dokumentom
			SIST EN ISO 16890-4:2017
SS SPL	SIST EN ISO 17776:2004	2017-03	SIST EN ISO 17776:2017

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CENIK SIST

Št. 1/2007 20. 2. 2017

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

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

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

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

1. Slovenski nacionalni standardi v tujem jeziku

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

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

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

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

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

Slovenski nacionalni standardi v slovenskem jeziku

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

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

Popusti

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

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

Enkraten nakup standardov v skupni vrednosti nad 1.000 EUR	5%

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

2. Publikacije SIST

V cenah je vključen 9,5 % DDV.

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

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

NAROČILNICA ZA SLOVENSKE STANDARDE IN DRUGE PUBLIKACIJE

N – IZO 3/2017

Publikacije	Št. izvodov

Naročnik (ime, št. naročilnice)

Podjetje (naziv iz registracije)

Naslov (za račun)

Naslov za pošiljko (če je drugačen)

Davčni zavezanec • da • ne

Davčna številka

E-naslov (obvezno!)

Telefon

Datum

Faks

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

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