

Hrvatski zavod za norme

Oglasnik za normativne dokumente

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Oglasnik za normativne dokumente Hrvatskog zavoda za norme sadrži popise hrvatskih norma, nacrtu hrvatskih norma, prijedloga za prihvaćanje stranih norma u izvorniku, povučene hrvatske norme, povučene nacrtu hrvatskih norma te ispravke, rezultate europske i međunarodne normizacije i obavijesti HZN-a.

Tko u popisima normativnih dokumenata koji su objavljeni u ovom Oglasniku otkrije koju grešku, koja može voditi do krive primjene, moli se da o tome neodložno obavijesti Hrvatski zavod za norme, kako bi se mogli otkloniti uočeni propusti.

Izdavač:



HZN

Hrvatski zavod za norme
Croatian Standards Institute

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1 Rezultati hrvatske normizacije

1.1 Hrvatske norme

Temeljem Zakona o normizaciji (Narodne novine 80/2013) hrvatske norme priprema, izdaje i objavljuje Hrvatski zavod za norme, na prijedlog tehničkih odbora.

Hrvatske norme mogu nastati na ova četiri načina:

- prihvaćanjem stranih (međunarodnih/europskih/nacionalnih) norma uz prevođenje na hrvatski jezik (pp)
- prihvaćanjem stranih norma u izvorniku s hrvatskim ovitkom (po)
- prihvaćanjem stranih norma u izvorniku objavom obavijesti o prihvaćanju (pr)
- izradbom izvorne hrvatske norme (izv).

Oznaka načina prihvaćanja navedena je uz referencijsku oznaku hrvatske norme. Hrvatske su norme zainteresiranima na raspolaganju u Normoteci Hrvatskoga zavoda za norme, Ulica grada Vukovara 78, Zagreb.

HZN/TO 8, Brodogradnja

HRN EN ISO 8666:2020/A11:2021 en pr
Mala plovila – Osnovni podaci (EN ISO 8666:2020/A11:2021)
Small craft – Principal data (EN ISO 8666:2020/A11:2021)

HZN/TO 23, Traktori i strojevi za poljoprivredu i šumarstvo

HRN EN 16952:2021 en pr
Poljoprivredna mehanizacija – Radne platforme za neravni teren za radove u voćnjaku (WPO) – Sigurnost (EN 16952:2018+A1:2021)
Agricultural machinery – Rough-terrain Work Platforms for Orchard's operations (WPO) – Safety (EN 16952:2018+A1:2021)

HZN/TO 28, Naftni proizvodi i maziva

HRN EN ISO 20884:2019/A1:2021 en pr
Naftni proizvodi – Određivanje količine sumpora motornih goriva – Valno-disperzivna fluorescentna spektrometrija rendgenskog zračenja – Amandman 1: Dodatak SSD detektora dijelu monokromatske ekscitacije u tablici 1 (ISO 20884:2019/Amd 1:2021; EN ISO 20884:2019/A1:2021)
Petroleum products – Determination of sulfur content of automotive fuels – Wavelength-dispersive X-ray fluorescence spectrometry – Amendment 1: Addition of the SSD detector to the Monochromatic excitation part of Table 1 (ISO 20884:2019/Amd 1:2021; EN ISO 20884:2019/A1:2021)

HZN/TO 44, Zavarivanje i srodni postupci

HRN EN ISO 3834-5:2021 en pr
Zahtjevi za kvalitetu zavarivanja taljenjem metalnih materijala – 5. dio: Dokumenti s kojima se treba uskladiti kako bi bili sukladni sa zahtjevima za kvalitetu prema ISO 3834-2, ISO 3834-3 ili ISO 3834-4 (ISO 3834-5:2021; EN ISO 3834-5:2021)
Quality requirements for fusion welding of metallic materials – Part 5: Documents with which it is necessary to conform to claim conformity to the quality requirements of ISO 3834-2, ISO 3834-3 or ISO 3834-4 (ISO 3834-5:2021; EN ISO 3834-5:2021)

HRN EN ISO 15614-12:2021 en pr
Specifikacija i kvalifikacija postupaka zavarivanja za metalne materijale – Ispitivanje postupka zavarivanja – 12. dio: Elektrootporno točkasto, šavno i bradavičasto zavarivanje (ISO 15614-12:2021; EN ISO 15614-12:2021)
Specification and qualification of welding procedures for metallic materials – Welding procedure test – Part 12: Spot, seam and projection welding (ISO 15614-12:2021; EN ISO 15614-12:2021)

HRN EN ISO 18496:2021 en pr
Tvrdo lemljenje – Talila za lemljenje – Razredba i tehnički uvjeti isporuke (ISO 18496:2020; EN ISO 18496:2021)
Brazing – Fluxes for brazing – Classification and technical delivery conditions (ISO 18496:2020; EN ISO 18496:2021)

HZN/TO 86, Uređaji za hlađenje, klimatizaciju i dizalice topline

HRN EN ISO 21922:2021 en pr
Rashladni sustavi i dizalice topline – Ventili – Zahtjevi, ispitivanje i označavanje (ISO 21922:2021; EN ISO 21922:2021)
Refrigerating systems and heat pumps – Valves – Requirements, testing and marking (ISO 21922:2021; EN ISO 21922:2021)

HRN EN ISO 22042:2021 en pr
Rashladni ormari za brzo hlađenje i zamrzavanje za profesionalnu upotrebu – Klasifikacija, zahtjevi i uvjeti ispitivanja (ISO 22042:2021; EN ISO 22042:2021)
Blast chillers and freezers cabinets for professional use – Classification, requirements and test conditions (ISO 22042:2021; EN ISO 22042:2021)

HZN/TO 91, Površinski aktivne tvari

HRN ISO 685:2021 en pr
Ispitivanje sapuna – Određivanje sadržaja ukupnih alkalija i sadržaja ukupnih masnih tvari (ISO 685:2020)
Analysis of soaps – Determination of total alkali content and total fatty matter content (ISO 685:2020)

HRN ISO 4323:2021 en pr
Sapuni – Određivanje sadržaja klorida – Potenciometrijska metoda (ISO 4323:2018)
Soaps – Determination of chloride content – Potentiometric method (ISO 4323:2018)

HZN/TO 92, Zaštita od požara

HRN EN 15882-5:2021 en pr
Proširena primjena rezultata ispitivanja otpornosti na požar servisnih instalacija – 5. dio: Kombinirana penetracijska brtvila (EN 15882-5:2021)
Extended application of results from fire resistance tests for service installations – Part 5: Combined penetration seals (EN 15882-5:2021)

HZN/TO 121, Anestetička i respiracijska oprema

HRN EN ISO 10079-4:2021 en pr
Medicinska usisna oprema – 4. dio: Opći zahtjevi (ISO 10079-4:2021; EN ISO 10079-4:2021)
Medical suction equipment – Part 4: General requirements (ISO 10079-4:2021; EN ISO 10079-4:2021)

HZN/TO 135, Nerazorna ispitivanja

HRN EN 13477-2:2021 en pr
Nerazorno ispitivanje – Ispitivanje akustičkom emisijom – Karakterizacija opreme – 2. dio: Provjeravanje radnih značajki (EN 13477-2:2021)
Non-destructive testing – Acoustic emission testing – Equipment characterisation – Part 2: Verification of operating characteristics (EN 13477-2:2021)

HRN EN 17290:2021 en pr
Nerazorno ispitivanje – Ultrazvučno ispitivanje – Ispitivanje gubitka debljine zbog erozije i/ili korozije tehnikom difrakcije (TOFD) (EN 17290:2021)
Non-destructive testing – Ultrasonic testing – Examination for loss of thickness due to erosion and/or corrosion using the TOFD technique (EN 17290:2021)

HZN/TO 138, Plastične cijevi, spojnice i ventili za prijenos tekućina

HRN EN ISO 15874-3:2013/A2:2021 en pr
Plastični cijevni sustavi za instalacije s toplom i hladnom vodom – Polipropilen (PP) – 3. dio: Spojnice (ISO 15874-3:2013/Amd 2:2021; EN ISO 15874-3:2013/A2:2021)
Plastics piping systems for hot and cold water installations – Polypropylene (PP) – Part 3: Fittings (ISO 15874-3:2013/Amd 2:2021; EN ISO 15874-3:2013/A2:2021)

HRN EN ISO 15875-3:2004/A2:2021 en pr
Plastični cijevni sustavi za instalacije s toplom i hladnom vodom – Umreženi polietilen (PE-X) – 3. dio: Spojnice (ISO 15875-3:2003/Amd 2:2021; EN ISO 15875-3:2003/A2:2021)
Plastics piping systems for hot and cold water installations – Crosslinked polyethylene (PE-X) – Part 3: Fittings (ISO 15875-3:2003/Amd 2:2021; EN ISO 15875-3:2003/A2:2021)

HRN EN ISO 15876-3:2017/A2:2021 en pr
Plastični cijevni sustavi za instalacije s toplom i hladnom vodom – Polibuten (PB) – 3. dio: Spojnice (ISO 15876-3:2017/Amd 2:2021; EN ISO 15876-3:2017/A2:2021)
Plastics piping systems for hot and cold water installations – Polybutene (PB) – Part 3: Fittings (ISO 15876-3:2017/Amd 2:2021; EN ISO 15876-3:2017/A2:2021)

HRN EN ISO 15877-3:2009/A2:2021 en pr
Plastični cijevni sustavi za instalacije s toplom i hladnom vodom – Klorirani poli(vinilklorid) (PVC-C) – 3. dio: Spojnice (ISO 15877-3:2009/Amd 2:2021; EN ISO 15877-3:2009/A2:2021)
Plastics piping systems for hot and cold water installations – Chlorinated poly(vinyl chloride) (PVC-C) – Part 3: Fittings (ISO 15877-3:2009/Amd 2:2021; EN ISO 15877-3:2009/A2:2021)

HRN EN ISO 21003-3:2008/A1:2021 en pr
Višeslojni cijevni sustavi za instalacije s toplom i hladnom vodom u zgradama – 3. dio: Spojnice (ISO 21003-3:2008/Amd 1:2021; EN ISO 21003-3:2008/A1:2021)
Multilayer piping systems for hot and cold water installations inside buildings – Part 3: Fittings (ISO 21003-3:2008/Amd 1:2021; EN ISO 21003-3:2008/A1:2021)

HRN EN ISO 22391-3:2010/A2:2021 en pr
Plastični cijevni sustavi za instalacije s toplom i hladnom vodom – Polietileni postojani pri povišenoj temperaturi (PE-RT) – 3. dio: Spojnice (ISO 22391-3:2009/Amd 2:2021; EN ISO 22391-3:2009/A2:2021)
Plastics piping systems for hot and cold water installations – Polyethylene of raised temperature resistance (PE-RT) – Part 3: Fittings (ISO 22391-3:2009/Amd 2:2021; EN ISO 22391-3:2009/A2:2021)

HZN/TO 146, Kvaliteta zraka

HRN EN 17255-3:2021 en pr
Emisije iz nepokretnih izvora – Sustavi za prikupljanje i obradu podataka – 3. dio: Specifikacija zahtjeva za ispitivanje radnih značajki sustava za prikupljanje i obradu podataka (EN 17255-3:2021)
Stationary source emissions – Data acquisition and handling systems – Part 3: Specification of requirements for the performance test of data acquisition and handling systems (EN 17255-3:2021)

HZN/TO 147, Kvaliteta vode

HRI CEN ISO/TR 15462:2021 en pr
Kvaliteta vode – Odabir testova za određivanje biološke razgradljivosti (ISO/TR 15462:2006; CEN ISO/TR 15462:2009)
Water quality – Selection of tests for biodegradability (ISO/TR 15462:2006; CEN ISO/TR 15462:2009)

HZN/TO 172, Optika i optički instrumenti

HRN EN ISO 11807-1:2021 en pr
Integrirana optika – Terminološki rječnik – 1. dio: Osnovni pojmovi i simboli optičkog valovoda (ISO 11807-1:2021; EN ISO 11807-1:2021)
Integrated optics – Vocabulary – Part 1: Optical waveguide basic terms and symbols (ISO 11807-1:2021; EN ISO 11807-1:2021)

HRN EN ISO 11807-2:2021 en pr
Integrirana optika – Terminološki rječnik – 2. dio: Nazivlje koje se upotrebljava pri razredbi (ISO 11807-2:2021; EN ISO 11807-2:2021)
Integrated optics – Vocabulary – Part 2: Terms used in classification (ISO 11807-2:2021; EN ISO 11807-2:2021)

HRN EN ISO 14881:2021 en pr
Integrirana optika – Povezivanje – Parametri relevantni za spajanje (ISO 14881:2021; EN ISO 14881:2021)
Integrated optics – Interfaces – Parameters relevant to coupling properties (ISO 14881:2021; EN ISO 14881:2021)

HRN EN ISO 16672:2021 en pr
Oftalmološki implantanti – Okularni unutrašnji tamponi (ISO 16672:2020; EN ISO 16672:2021)
Ophthalmic implants – Ocular endotamponades (ISO 16672:2020; EN ISO 16672:2021)

HZN/TO 181, Sigurnost igraćaka i proizvodi za djecu

HRI CEN/TR 15071:2021 en pr
Sigurnost igraćaka – Nacionalni prijevodi upozorenja i upute za uporabu prema nizu norma EN 71 (CEN/TR 15071:2020)
Safety of toys – National translations of warnings and instructions for use in the EN 71 series (CEN/TR 15071:2020)

HRI CEN/TR 15071:2021/Ispr.1:2021 en pr
Sigurnost igraćaka – Nacionalni prijevodi upozorenja i upute za uporabu prema nizu norma EN 71 (CEN/TR 15071:2020/AC:2021)
Safety of toys – National translations of warnings and instructions for use in the EN 71 series (CEN/TR 15071:2020/AC:2021)

HRI CEN/TR 15371-1:2021 en pr
Sigurnost igraćaka – Tumačenja – 1. dio: Odgovori na zahtjeve za tumačenje EN 71-1, EN 71-2, EN 71-8 i EN 71-14 (CEN/TR 15371-1:2021)
Safety of toys – Interpretations – Part 1: Replies to requests for interpretation of EN 71-1, EN 71-2, EN 71-8 and EN 71-14 (CEN/TR 15371-1:2021)

HRI CEN/TR 15371-2:2021 en pr
Sigurnost igraćaka – Tumačenja – 2. dio: Odgovori na zahtjeve za tumačenje kemijskih svojstava prema nizu norma EN 71 (CEN/TR 15371-2:2021)
Safety of toys – Interpretations – Part 2: Replies to requests for interpretation of the chemical standards in the EN 71-series (CEN/TR 15371-2:2021)

HZN/TO 182, Geotehničke konstrukcije

HRN EN ISO 22475-1:2021 en pr
Geotehničko istraživanje i ispitivanje – Metode uzorkovanja i mjerenja podzemne vode – 1. dio: Tehnička načela za uzorkovanje tla, stijena i podzemne vode (ISO 22475-1:2021; EN ISO 22475-1:2021)
Geotechnical investigation and testing – Sampling methods and groundwater measurements – Part 1: Technical principles for the sampling of soil, rock and groundwater (ISO 22475-1:2021; EN ISO 22475-1:2021)

HZN/TO 207, Upravljanje okolišem

HRN EN ISO 14065:2021 en pr
Opća načela i zahtjevi za tijela koja provode validaciju i verifikaciju informacija o okolišu (ISO 14065:2020; EN ISO 14065:2021)
General principles and requirements for bodies validating and verifying environmental information (ISO 14065:2020; EN ISO 14065:2021)

HZN/TO 215, Zdravstvena informatika

HRN EN ISO 27789:2021 en pr
Medicinska informatika – Sljedovi audita za elektroničke zdravstvene zapise (ISO 27789:2021; EN ISO 27789:2021)
Health informatics – Audit trails for electronic health records (ISO 27789:2021; EN ISO 27789:2021)

HZN/TO 238, Čvrsta biogoriva

HRS CEN ISO/TS 21596:2021 en pr
Čvrsta biogoriva – Određivanje mljevenosti – Metoda Hardgrove tipa za termički tretirana biogoriva (ISO/TS 21596:2021; CEN ISO/TS 21596:2021)
Solid biofuels – Determination of grindability – Hardgrove type method for thermally treated biomass fuels (ISO/TS 21596:2021; CEN ISO/TS 21596:2021)

HZN/TO 504, Korozija i zaštita metala i legura

HRN EN ISO 4524-3:2021 en pr
Metalne prevlake – Metode ispitivanja elektronanesenih prevlaka zlata i zlatnih legura – 3. dio: Elektrografičko ispitivanje poroznosti (ISO 4524-3:2021; EN ISO 4524-3:2021)
Metallic coatings – Test methods for electrodeposited gold and gold alloy coatings – Part 3: Electrographic tests for porosity (ISO 4524-3:2021; EN ISO 4524-3:2021)

HRN EN ISO 21857:2021 en pr
Industrija nafte, petrokemije i prirodnog plina – Sprečavanje korozije na cjevovodnim sustavima pod utjecajem lutajućih struja (ISO 21857:2021; EN ISO 21857:2021)
Petroleum, petrochemical and natural gas industries – Prevention of corrosion on pipeline systems influenced by stray currents (ISO 21857:2021; EN ISO 21857:2021)

HZN/TO 506, Materijali, oprema i konstrukcije za naftnu industriju, prirodni plin i geotermalnu vodu

HRI CEN ISO/TR 10400:2021 en pr
Industrija nafte i prirodnoga plina – Jednadžbe i proračuni svojstava zaštitnih cijevi (casing), uzlaznih cijevi (tubing), šipki za bušenje i cjevovoda koji se upotrebljavaju kao zaštitne cijevi (casing) ili uzlazne cijevi (tubing) (ISO/TR 10400:2018; CEN ISO/TR 10400:2021)
Petroleum and natural gas industries – Formulae and calculations for the properties of casing, tubing, drill pipe and line pipe used as casing or tubing (ISO/TR 10400:2018; CEN ISO/TR 10400:2021)

HZN/TO 508, Ambalaža i pakiranje

HRN EN 14854:2021 en pr
Staklena ambalaža – Dimenzije grla staklenih spremnika za aerosol i sprej (EN 14854:2021)
Glass packaging – Dimensions of neck finishes for aerosol and spray glass containers (EN 14854:2021)

HRN EN 15421:2021 en pr
Ambalaža – Savitljive aluminijske tube – Određivanje prionljivosti unutarnjeg i vanjskog zaštitnog laka (EN 15421:2021)
Packaging – Flexible aluminium tubes – Determination of the adhesion of the internal and external protective lacquering (EN 15421:2021)

HRN EN 16285:2021 en pr
Ambalaža – Savitljive aluminijske tube – Metoda ispitivanja za mjerenje deformacije tijela aluminijskih tuba (Postupak Guillotine) (EN 16285:2021)
Packaging – Flexible aluminium tubes – Test method to measure the deformation of the aluminium tube body (Guillotine test) (EN 16285:2021)

HZN/TO 509, Cestovna oprema

HRN EN 16165:2021 en pr
Određivanje otpora na klizanje pješačkih površina – Metode vrednovanja (EN 16165:2021)
Determination of slip resistance of pedestrian surfaces – Methods of evaluation (EN 16165:2021)

HZN/TO 525, Hidroizolacijski materijali i proizvodi za pokrivanje krovova

HRN EN 508-1:2021 en pr
Proizvodi od lima za pokrivanje krovova i oblaganje zidova – Specifikacija za samonosive proizvode od čeličnog, aluminijskog ili nehrđajućeg čeličnog lima – 1. dio: Čelik (EN 508-1:2021)
Roofing and cladding products from metal sheet – Specification for self-supporting products of steel, aluminium or stainless steel sheet – Part 1: Steel (EN 508-1:2021)

HRN EN 508-3:2021 en pr
Roofing and cladding products from metal sheet – Specification for self-supporting products of steel, aluminium or stainless steel sheet – Part 3: Stainless steel (EN 508-3:2021)

HZN/TO 528, Oprema za željeznice

HRN EN 16432-3:2021 en pr
Željeznički sustav – Kolosiječni sustavi na čvrstoj podlozi – 3. dio: Preuzimanje (EN 16432-3:2021)
Railway applications – Ballastless track systems – Part 3: Acceptance (EN 16432-3:2021)

HRN EN 16704-1:2021 en pr
Željeznički sustav – Željeznički gornji ustroj – Sigurnosna zaštita na kolosijeku tijekom radova – 1. dio: Sigurnosni rizici i zajednička načela za zaštitu stabilnih i pokretnih radilišta (EN 16704-1:2016+A1:2021)
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 (EN 16704-1:2016+A1:2021)

HRN EN 16704-3:2021 en pr
Željeznički sustav – Željeznički gornji ustroj – Sigurnosna zaštita na kolosijeku tijekom radova – 3. dio: Osposobljenost osoblja za rad na kolosijeku ili uz kolosijek (EN 16704-3:2016+A1:2021)
Railway applications – Track – Safety protection on the track during work – Part 3: Competences for personnel related to work on or near tracks (EN 16704-3:2016+A1:2021)

HZN/TO 530, Remenski prijenosi, čelična užad, lanci, kuke za dizalice, trake, omče i pribor

HRN EN 12385-5:2021/Ispr.1:2021 en pr
Čelična užad – Sigurnost – 5. dio: Pramenasta užad za dizala (EN 12385-5:2021/AC:2021)
Steel wire ropes – Safety – Part 5: Stranded ropes for lifts (EN 12385-5:2021/AC:2021)

HZN/TO 533, Kolničke konstrukcije

HRN EN 13286-41:2021 en pr
Nevezane i hidrauličnim vezivom vezane mješavine – 41. dio: Metoda ispitivanja za određivanje tlačne čvrstoće hidrauličnim vezivom vezanih mješavina (EN 13286-41:2021)
Unbound and hydraulically bound mixtures – Part 41: Test method for the determination of the compressive strength of hydraulically bound mixtures (EN 13286-41:2021)

HZN/TO 541, Sustavi grijanja, ventilacije i klimatizacije u građevinama

HRN EN 16480:2021 en pr
Pumpe – Rotacijske pumpe – Minimalna potrebna učinkovitost rotacijskih pumpa za vodu i određivanje indeksa minimalne učinkovitosti (MEI) (EN 16480:2021)
Pumps – Rotodynamic pumps – Minimum required efficiency of water pumps and determination of Minimum Efficiency Index (MEI) (EN 16480:2021)

HRN EN 17038-1:2019/Ispr.1:2021 en pr
Pumpe – Metode kvalifikacije i verifikacije indeksa energijske učinkovitosti za rotacijske pumpe – 1. dio: Opći zahtjevi i postupci za ispitivanje i proračun indeksa energijske učinkovitosti (EEI) (EN 17038-1:2019/AC:2021)
Pumps – Methods of qualification and verification of the Energy Efficiency Index for rotodynamic pump units – Part 1: General requirements and procedures for testing and calculation of Energy Efficiency Index (EEI) (EN 17038-1:2019/AC:2021)

HRN EN 17038-2:2019/Ispr.2:2021 en pr
Pumpe – Metode kvalifikacije i verifikacije indeksa energijske učinkovitosti za rotacijske pumpe – 2. dio: Ispitivanje i proračun indeksa energijske učinkovitosti (EEI) pojedinačnih pumpi (EN 17038-2:2019/AC:2021)
Pumps – Methods of qualification and verification of the Energy Efficiency Index for rotodynamic pump units – Part 2: Testing and calculation of Energy Efficiency Index (EEI) of single pump units (EN 17038-2:2019/AC:2021)

HZN/TO 548, Konstrukcijski eurokodovi

HRN EN 1991-1-4:2012/Ispr.1:2021 hr izv
Eurokod 1: Djelovanja na konstrukcije – Dio 1-4: Opća djelovanja – Djelovanja vjetra
Eurocode 1: Actions on structures – Part 1-4: General actions – Wind actions

HRN EN 1998-1:2011/NA:2011/A1:2021 hr-en izv
Eurokod 8: Projektiranje potresne otpornosti konstrukcija – 1. dio: Opća pravila, potresna djelovanja i pravila za zgrade – Nacionalni dodatak
Eurocode 8: Design of structures for earthquake resistance – Part 1: General rules, seismic actions and rules for buildings – National Annex

HZN/TO 549, Svjetlo i rasvjeta

HRN EN 13032-3:2021 en pr
Svjetlo i rasvjeta – Mjerenje i prikaz fotometričkih podataka izvora svjetla i rasvjetnih tijela – 3. dio: Prikaz podataka za rasvjetu u slučaju opasnosti u radnim prostorima (EN 13032-3:2021)
Light and lighting – Measurement and presentation of photometric data of lamps and luminaires – Part 3: Presentation of data for emergency lighting of workplaces (EN 13032-3:2021)

HRN EN 17037:2019/Ispr.1:2021 en pr
Dnevno svjetlo u zgradama (EN 17037:2018/AC:2021)
Daylight in buildings (EN 17037:2018/AC:2021)

HZN/TO 551, Gradnja

HRN EN ISO 10591:2021 en pr
Brtvila u graditeljstvu – Određivanje svojstava adhezije/kohezije brtvila nakon uranjanja u vodu (ISO 10591:2021; EN ISO 10591:2021)
Building and civil engineering sealants – Determination of adhesion/cohesion properties of sealants after immersion in water (ISO 10591:2021; EN ISO 10591:2021)

HRN EN ISO 11432:2021 en pr
Brtvila u graditeljstvu – Određivanje tlačne otpornosti (ISO 11432:2021; EN ISO 11432:2021)
Building and civil engineering sealants – Determination of resistance to compression (ISO 11432:2021; EN ISO 11432:2021)

HRS ISO/TS 12720:2021 en pr
Održivost zgrada i inženjerskih građevina – Smjernice za primjenu općih načela iz ISO 15392 (ISO/TS 12720:2014)
Sustainability in buildings and civil engineering works – Guidelines on the application of the general principles in ISO 15392 (ISO/TS 12720:2014)

HRS ISO/TS 21929-2:2021 en pr
Održivost pri gradnji zgrada – Pokazatelji održivosti – 2. dio: Okvir za razvoj pokazatelja za inženjerske građevine (ISO/TS 21929-2:2015)
Sustainability in building construction – Sustainability indicators – Part 2: Framework for the development of indicators for civil engineering works (ISO/TS 21929-2:2015)

HRI ISO/TR 21932:2021 en pr
Održivost zgrada i inženjerskih građevina – Pregled nazivlja (ISO/TR 21932:2013)
Sustainability in buildings and civil engineering works – A review of terminology (ISO/TR 21932:2013)

HZN/TO 555, Medicinski proizvodi

HRN EN ISO 4307:2021 en pr
Molekularna in vitro dijagnostička ispitivanja – Specifikacije za procese prije ispitivanja za slinu – Izolirana ljudska DNK (ISO 4307:2021; EN ISO 4307:2021)
Molecular in vitro diagnostic examinations – Specifications for pre-examination processes for saliva – Isolated human DNA (ISO 4307:2021; EN ISO 4307:2021)

HRN EN ISO 16256:2021 en pr
Klinička laboratorijska ispitivanja i dijagnostički ispitni sustavi in vitro – Referentna metoda mikrorazrjeđivanja bujonom za ispitivanje in vitro djelovanja antimikrobnih agensa na kvasčeve gljivice povezane s infektivnim bolestima (ISO 16256:2021; EN ISO 16256:2021)
Clinical laboratory testing and in vitro diagnostic test systems – Broth micro-dilution reference method for testing the in vitro activity of antimicrobial agents against yeast fungi involved in infectious diseases (ISO 16256:2021; EN ISO 16256:2021)

HZN/TO 557, Zaštitna odjeća

HRN EN 13138-1:2021 en pr
Plutajuća pomagala za poduku plivanja – 1. dio: Sigurnosni zahtjevi i metode ispitivanja za plutajuća pomagala koja se oblače (EN 13138-1:2021)
Buoyant aids for swimming instruction – Part 1: Safety requirements and test methods for buoyant aids to be worn (EN 13138-1:2021)

HRN EN 13138-2:2021 en pr
Plutajuća pomagala za poduku plivanja – 2. dio: Sigurnosni zahtjevi i metode ispitivanja za plutajuća pomagala koja se pridržavaju (EN 13138-2:2021)
Buoyant aids for swimming instruction – Part 2: Safety requirements and test methods for buoyant aids to be held (EN 13138-2:2021)

HRN EN 13138-3:2021 en pr
Plutajuća pomagala za poduku plivanja – 3. dio: Sigurnosni zahtjevi i metode ispitivanja za sjedne kolutove u koje se korisnik postavlja (EN 13138-3:2021)
Buoyant aids for swimming instruction – Part 3: Safety requirements and test methods for swim seats into which a user is positioned (EN 13138-3:2021)

HRN EN ISO 15384:2020/A1:2021 en pr
Zaštitna odjeća za vatrogasce – Laboratorijske metode ispitivanja i zahtjevi za svojstva vatrogasne odjeće za gašenje požara na otvorenom prostoru (ISO 15384:2018/Amd 1:2021; EN ISO 15384:2020/A1:2021)
Protective clothing for firefighters – Laboratory test methods and performance requirements for wildland firefighting clothing (ISO 15384:2018/Amd 1:2021; EN ISO 15384:2020/A1:2021)

HZN/TO 559, Zaporni, regulacijski i sigurnosni uređaji

HRN EN 12516-2:2021 en pr
Industrijski zaporni uređaji – Projektna čvrstoća kucišta – 2. dio: Metoda proračuna za kucišta zapornih uređaja od čelika (EN 12516-2:2014+A1:2021)
Industrial valves – Shell design strength – Part 2: Calculation method for steel valve shells (EN 12516-2:2014+A1:2021)

HZN/TO 560, Tekstilni proizvodi

HRN EN ISO 4674-2:2021 en pr
Plošni tekstil naslojen gumom ili plastikom – Određivanje otpornosti na daljnje trganje – 2. dio: Metoda s padajućim klatnom (ISO 4674-2:2021; EN ISO 4674-2:2021)
Rubber- or plastics-coated fabrics – Determination of tear resistance – Part 2: Ballistic pendulum method (ISO 4674-2:2021; EN ISO 4674-2:2021)

HZN/TO 561, Kotlovi, posude pod tlakom, cjevovodi i plinske boce

HRN EN 1439:2021 en pr
Oprema i pribor za UNP – Postupak provjere prenosivih, ponovno punjivih boca za UNP prije punjenja, tijekom punjenja i nakon punjenja (EN 1439:2021)
LPG equipment and accessories – Procedure for checking transportable refillable LPG cylinders before, during and after filling (EN 1439:2021)

HRN EN 13480-5:2017/A2:2021 en pr
Metalni industrijski cjevovodi – 5. dio: Pregled i ispitivanje (EN 13480-5:2017/A2:2021)
Metallic industrial piping – Part 5: Inspection and testing (EN 13480-5:2017/A2:2021)

HRN EN ISO 23826:2021 en pr
Plinske boce – Kuglasti ventili – Specifikacija i ispitivanje (ISO 23826:2021; EN ISO 23826:2021)
Gas cylinders – Ball valves – Specification and testing (ISO 23826:2021; EN ISO 23826:2021)

HZN/TO 562, Alatni strojevi i alati

HRN EN 12012-4:2021 en pr
Strojevi za gumu i plastiku – Strojevi za usitnjavanje – 4. dio: Sigurnosni zahtjevi za drobilice (EN 12012-4:2019+A1:2021)
Plastics and rubber machines – Size reduction machines – Part 4: Safety requirements for agglomerators (EN 12012-4:2019+A1:2021)

HZN/TO 568, Analiza hrane – horizontalne metode, mikrobiologija, posude i pribor u kontaktu s hranom

HRS ISO/TS 21569-2:2021 en pr
Analiza molekularnih biomarkera – Metode analize za dokazivanje prisutnosti genetički modificiranih organizama i od njih dobivenih proizvoda – 2. dio: Konstrukt - specifična PCR metoda u stvarnom vremenu za dokazivanje prisutnosti FP967 u lanenom sjemenu i proizvodima od lana (ISO/TS 21569-2:2021)
Molecular biomarker analysis – Methods of analysis for the detection of genetically modified organisms and derived products – Part 2: Construct-specific real-time PCR method for detection of event FP967 in linseed and linseed products (ISO/TS 21569-2:2021)

HZN/TO 569, Hrana za životinje

HRN EN 17517:2021 en pr
Hrana za životinje: Metode uzorkovanja i analize – Određivanje zasićenih ugljikovodika iz mineralnih ulja (MOSH) i aromatskih ugljikovodika iz mineralnih ulja (MOAH) analizom na vezanom sustavu HPLC-GC-FID (on-line) (EN 17517:2021)
Animal feeding stuffs: Methods of sampling and analysis – Determination of mineral oil saturated hydrocarbons (MOSH) and mineral oil aromatic hydrocarbons (MOAH) with on-line HPLC-GC-FID analysis (EN 17517:2021)

HZN/TO 577, Metode ispitivanja za karakterizaciju krutih i tekućih sastavnica i opterećenja okoliša

HRN EN 15216:2021 en pr
Kruti matriksi u okolišu – Određivanje ukupno otopljenih krutina (TDS) u vodi i eluatima (EN 15216:2021)
Environmental solid matrices – Determination of total dissolved solids (TDS) in water and eluates (EN 15216:2021)

HZN/TO E14, Energetski transformatori

HRN EN 50708-1-2:2021 en pr
Energetski transformatori – Dodatni europski zahtjevi – Dio 1-2: Zajednički dio – Procjena energetskih značajki (EN 50708-1-2:2021)
Power transformers – Additional European requirements – Part 1-2: Common part – Assessment of energy performance (EN 50708-1-2:2021)

HZN/TO E17, Sklopni i upravljački uređaji

HRN EN 62271-1:2017/A1:2021 en pr
Visokonaponska sklopna aparatura – 1. dio: Zajedničke specifikacije za sklopne aparature izmjenične struje (IEC 62271-1:2017/am1:2021; EN 62271-1:2017/A1:2021)
High-voltage switchgear and controlgear – Part 1: Common specifications for alternating current switchgear and controlgear (IEC 62271-1:2017/am1:2021; EN 62271-1:2017/A1:2021)

HZN/TO E22, Energetska elektronika

HRN EN 60700-1:2015/A1:2021 en pr
Tiristorski ventili za prijenos energije istosmjernom strujom visokog napona (HVDC) – 1. dio: Električno ispitivanje (IEC 60700-1:2015/am1:2021; EN 60700-1:2015/A1:2021)
Thyristor valves for high voltage direct current (HVDC) power transmission – Part 1: Electrical testing (IEC 60700-1:2015/am1:2021; EN 60700-1:2015/A1:2021)

HRN EN IEC 61954:2021 en pr
Statički kompenzatori jalove snage (SVC) – Ispitivanje tiristorskih ventila (IEC 61954:2021; EN IEC 61954:2021)
Static var compensators (SVC) – Testing of thyristor valves (IEC 61954:2021; EN IEC 61954:2021)

HZN/TO E23, Električni instalacijski pribor

HRN EN IEC 60320-1:2021 en pr
Aparatni utični pribor za kućanstvo i slične opće svrhe – 1. dio: Opći zahtjevi (IEC 60320-1:2021; EN IEC 60320-1:2021)
Appliance couplers for household and similar general purposes – Part 1: General requirements (IEC 60320-1:2021; EN IEC 60320-1:2021)

HRN EN IEC 60320-2-3:2021 en pr
Aparatni utični pribor za kućanstvo i slične opće svrhe – Dio 2-3: Aparatni utični pribor sa stupnjem zaštite višim od IPX0 (IEC 60320-2-3:2018; EN IEC 60320-2-3:2021)
Appliance couplers for household and similar general purposes – Part 2-3: Appliance couplers with a degree of protection higher than IPX0 (IEC 60320-2-3:2018; EN IEC 60320-2-3:2021)

HRN EN 61009-1:2012/A13:2021 en pr
Strujne zaštitne sklopke sa združenom nadstrujnom zaštitom za kućanstvo i slične primjene (RCBO-i) – 1. dio: Opća pravila (EN 61009-1:2012/A13:2021)
Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBOs) – Part 1: General rules (EN 61009-1:2012/A13:2021)

HZN/TO E31, Eksplozivne atmosfere

HRN EN 14373:2021 en pr
Sustavi sprečavanja eksplozije (EN 14373:2021)
Explosion suppression systems (EN 14373:2021)

HZN/TO E34, Žarulje, svjetiljke i pripadna oprema

HRN EN IEC 62868-1:2021 en pr
Izvori svjetla od organskih svjetlećih dioda (OLED) za opću rasvjetu – Sigurnost – 1. dio: Opći zahtjevi i ispitivanja (IEC 62868-1:2020; EN IEC 62868-1:2021)
Organic light emitting diode (OLED) Light sources for general lighting – Safety – Part 1: General requirements and tests (IEC 62868-1:2020; EN IEC 62868-1:2021)

HRN EN IEC 62868-2-1:2021 en pr
Izvori svjetla od organskih svjetlećih dioda (OLED) za opću rasvjetu – Sigurnost – Dio 2-1: Posebni zahtjevi – Poluintegrirani OLED moduli (IEC 62868-2-1:2020; EN IEC 62868-2-1:2021)
Organic light emitting diode (OLED) light sources for general lighting – Safety – Part 2-1: Particular requirements – Semi-integrated OLED modules (IEC 62868-2-1:2020; EN IEC 62868-2-1:2021)

HRN EN IEC 62868-2-2:2021 en pr
Izvori svjetla od organskih svjetlećih dioda (OLED) za opću rasvjetu – Sigurnost – Dio 2-2: Posebni zahtjevi – Integrirani OLED moduli (IEC 62868-2-2:2020; EN IEC 62868-2-2:2021)
Organic Light Emitting Diode (OLED) light sources for general lighting – Safety – Part 2-2: Particular requirements – Integrated OLED modules (IEC 62868-2-2:2020; EN IEC 62868-2-2:2021)

HRN EN 62922:2017/A1:2021 en pr
Paneli s organskim svjetlećim diodama (OLED) za opću rasvjetu – Izvedbeni zahtjevi (IEC 62922:2016/am1:2021; EN 62922:2017/A1:2021)
Organic light emitting diode (OLED) panels for general lighting – Performance requirements (IEC 62922:2016/am1:2021; EN 62922:2017/A1:2021)

HZN/TO E61, Sigurnost električnih kućanskih i sličnih aparata

HRN EN 60335-2-21:2021/A1:2021 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-21: Posebni zahtjevi za akumulacijske grijalice vode (IEC 60335-2-21:2012/am1:2018; EN 60335-2-21:2021/A1:2021)
Household and similar electrical appliances – Safety – Part 2-21: Particular requirements for storage water heaters (IEC 60335-2-21:2012/am1:2018; EN 60335-2-21:2021/A1:2021)

HRN EN IEC 60335-2-25:2021 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-25: Posebni zahtjevi za mikrovalne pećnice, uključujući i složene mikrovalne pećnice (IEC 60335-2-25:2020; EN IEC 60335-2-25:2021)
Household and similar electrical appliances – Safety – Part 2-25: Particular requirements for microwave ovens, including combination microwave ovens (IEC 60335-2-25:2020; EN IEC 60335-2-25:2021)

HRN EN IEC 60335-2-25:2021/A11:2021 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-25: Posebni zahtjevi za mikrovalne pećnice, uključujući i složene mikrovalne pećnice (EN IEC 60335-2-25:2021/A11:2021)
Household and similar electrical appliances – Safety – Part 2-25: Particular requirements for microwave ovens, including combination microwave ovens (EN IEC 60335-2-25:2021/A11:2021)

HRN EN IEC 60335-2-76:2021 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-76: Posebni zahtjevi za električne ograde (IEC 60335-2-76:2018+Corr.1:2018; EN IEC 60335-2-76:2021)
Household and similar electrical appliances – Safety – Part 2-76: Particular requirements for electric fence energizers (IEC 60335-2-76:2018+Corr.1:2018; EN IEC 60335-2-76:2021)

HRN EN IEC 60335-2-76:2021/A11:2021 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-76: Posebni zahtjevi za električne ograde (EN IEC 60335-2-76:2021/A11:2021)
Household and similar electrical appliances – Safety – Part 2-76: Particular requirements for electric fence energizers (EN IEC 60335-2-76:2021/A11:2021)

HZN/TO E62, Električna oprema u medicinskoj praksi

HRN EN 60601-1:2008/A2:2021 en pr
Medicinska električna oprema – 1. dio: Opći zahtjevi za osnovnu sigurnost i bitne radne značajke (IEC 60601-1:2005/am2:2020; EN 60601-1:2006/A2:2021)
Medical electrical equipment – Part 1: General requirements for basic safety and essential performance (IEC 60601-1:2005/am2:2020; EN 60601-1:2006/A2:2021)

HRN EN IEC 80001-1:2021 en pr
Primjena upravljanja rizikom za mreže informacijske tehnologije u koje su uključeni medicinski proizvodi – 1. dio: Sigurnost, djelotvornost i zaštita u implementaciji i upotrebi povezanih medicinskih proizvoda ili povezanog zdravstvenog softvera (IEC 80001-1:2021; EN IEC 80001-1:2021)
Application of risk management for IT-networks incorporating medical devices – Part 1: Safety, effectiveness and security in the implementation and use of connected medical devices or connected health software (IEC 80001-1:2021; EN IEC 80001-1:2021)

HRN EN IEC 80601-2-26:2020/Ispr.1:2021 en pr
Medicinska električna oprema – Dio 2-26: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke elektroencefalografa (IEC 80601-2-26:2019/Corr.1:2021; EN IEC 80601-2-26:2020/AC:2021)
Medical electrical equipment – Part 2-26: Particular requirements for the basic safety and essential performance of electroencephalographs (IEC 80601-2-26:2019/Corr.1:2021; EN IEC 80601-2-26:2020/AC:2021)

HZN/TO E70, Stupnjevi zaštite kućištem

HRN EN 62262:2008/A1:2021 en pr
Stupnjevi zaštite za električnu opremu osigurani kućištima od vanjskih mehaničkih udara (IK kod) (IEC 62262:2002/am1:2021; EN 62262:2002/A1:2021)
Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts (IK code) (IEC 62262:2002/am1:2021; EN 62262:2002/A1:2021)

HZN/TO E76, Sigurnost optičkoga zračenja i laserska oprema

HRN EN 50689:2021 en pr
Sigurnost laserskih proizvoda – Posebni zahtjevi za potrošačke laserske proizvode (EN 50689:2021)
Safety of laser products – Particular Requirements for Consumer Laser Products (EN 50689:2021)

HZN/TO E85, Oprema za mjerenje električnih i elektromagnetskih veličina

HRN EN 62586-2:2017/A1:2021 en pr
Mjerenje kvalitete energije u sustavima opskrbe energijom – 2. dio: Funkcionalna ispitivanja i zahtjevi nesigurnosti (IEC 62586-2:2017/am1:2021; EN 62586-2:2017/A1:2021)
Power quality measurement in power supply systems – Part 2: Functional tests and uncertainty requirements (IEC 62586-2:2017/am1:2021; EN 62586-2:2017/A1:2021)

HZN/TO E100, Audio, video i multimedijski sustavi te njihova oprema

HRN EN IEC 60958-1:2021 en pr
Digitalno audiosučelje – 1. dio: Općenito (IEC 60958-1:2021; EN IEC 60958-1:2021)
Digital audio interface – Part 1: General (IEC 60958-1:2021; EN IEC 60958-1:2021)

HRN EN IEC 60958-3:2021 en pr
Digitalno audiosučelje – 3. dio: Uređaji za široku potrošnju (IEC 60958-3:2021; EN IEC 60958-3:2021)
Digital audio interface – Part 3: Consumer applications (IEC 60958-3:2021; EN IEC 60958-3:2021)

HRN EN IEC 63246-1:2021 en pr
Podesive usluge sustava za informiranje i zabavu u vozilu (CCIS) – 1. dio: Općenito (IEC 63246-1:2021; EN IEC 63246-1:2021)
Configurable car infotainment services (CCIS) – Part 1: General (IEC 63246-1:2021; EN IEC 63246-1:2021)

HZN/TO E106, Elektromagnetska polja u ljudskome okolišu

HRN EN 50527-2-3:2021 en pr
Postupak procjene izloženosti elektromagnetskim poljima radnika koji nose aktivne implantirane medicinske uređaje – Dio 2-3: Specifična procjena za radnike sa implantiranim neurostimulatorima (EN 50527-2-3:2021)
Procedure for the assessment of the exposure to electromagnetic fields of workers bearing active implantable medical devices – Part 2-3: Specific assessment for workers with implantable neurostimulators (EN 50527-2-3:2021)

HZN/TO E500, Elektromagnetska kompatibilnost u elektrotehnici i telekomunikacijama

HRN EN 61000-3-3:2013/A2:2021 en pr
Elektromagnetska kompatibilnost (EMC) – Dio 3-3: Granice – Ograničenje kolebanja napona i treperenja u niskonaponskim sustavima napajanja za opremu s nazivnom strujom ≤ 16 A i koja nije predmet uvjetovanog priključka (IEC 61000-3-3:2013/am2:2021; EN 61000-3-3:2013/A2:2021)
Electromagnetic compatibility (EMC) – Part 3-3: Limits – Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection (IEC 61000-3-3:2013/am2:2021; EN 61000-3-3:2013/A2:2021)

HZN/TO T4, Normizacija u telekomunikacijama

HRN EN 301 908-10 V4.3.1:2021 en pr
Celularne mreže IMT – Harmonizirana norma za pristup radijskom spektru – 10. dio: Bazine postaje (BS), repetitori i korisnička oprema (UE) za IMT-2000 treću generaciju celularnih mreža (EN 301 908-10 V4.3.1:2021)
IMT cellular networks – Harmonised Standard for access to radio spectrum – Part 10: Base Stations (BS) – Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks (EN 301 908-10 V4.3.1:2021)

HRN EN 302 217-1 V3.3.1:2021 en pr
Nepokretni radijski sustavi – Karakteristike i zahtjevi za opremu točka-točka i antene – 1. dio: Pregled, zajedničke karakteristike i zahtjevi koji se ne odnose na pristup radijskom spektru (EN 302 217-1 V3.3.1:2021)
Fixed Radio Systems – Characteristics and requirements for point-to-point equipment and antennas – Part 1: Overview, common characteristics and requirements not related to access to radio spectrum (EN 302 217-1 V3.3.1:2021)

HRN EN 302 217-2 V3.3.1:2021 en pr
Nepokretni radijski sustavi – Karakteristike i zahtjevi za opremu točka-točka i antene – 2. dio: Digitalni sustavi koji rade u frekvencijskim pojasi od 1 GHz do 86 GHz – Harmonizirana norma za pristup radijskom spektru (EN 302 217-2 V3.3.1:2021)
Fixed Radio Systems – Characteristics and requirements for point-to-point equipment and antennas – Part 2: Digital systems operating in frequency bands from 1 GHz to 86 GHz – Harmonised Standard for access to radio spectrum (EN 302 217-2 V3.3.1:2021)

HRN EN 319 102-1 V1.3.1:2021 en pr
Elektronički potpisi i infrastrukture (ESI) – Postupci za kreiranje i vrednovanje AdES digitalnih potpisa – 1. dio: Kreiranje i vrednovanje (EN 319 102-1 V1.3.1:2021)
Electronic Signatures and Infrastructures (ESI) – Procedures for Creation and Validation of AdES Digital Signatures – Part 1: Creation and Validation (EN 319 102-1 V1.3.1:2021)

HRN EN 319 122-1 V1.2.1:2021 en pr
Elektronički potpisi i infrastrukture (ESI) – CAdES digitalni potpisi – 1. dio: Gradbeni blokovi i CAdES osnovni potpisi (EN 319 122-1 V1.2.1:2021)
Electronic Signatures and Infrastructures (ESI) – CAdES digital signatures – Part 1: Building blocks and CAdES baseline signatures (EN 319 122-1 V1.2.1:2021)

HRN EN 319 411-2 V2.4.1:2021 en pr
Elektronički potpisi i infrastrukture (ESI) – Zahtjevi općih pravila i zahtjevi sigurnosti za vjerodostojne davatelje usluga certificiranja – 2. dio: Zahtjevi za opća pravila za certifikacijska tijela koja izdaju kvalificirane certifikate (EN 319 411-2 V2.4.1:2021)
Electronic Signatures and Infrastructures (ESI) – Policy and security requirements for Trust Service Providers issuing certificates – Part 2: Requirements for trust service providers issuing EU qualified certificates (EN 319 411-2 V2.4.1:2021)

HRN EN 319 412-4 V1.2.1:2021 en pr
Elektronički potpisi i infrastrukture (ESI) – Profili certifikata – 4. dio: Profil certifikata za internetske certifikate (EN 319 412-4 V1.2.1:2021)
Electronic Signatures and Infrastructures (ESI) – Certificate Profiles – Part 4: Certificate profile for web site certificates (EN 319 412-4 V1.2.1:2021)

HZN/TU A1, Usluge, proizvodi za kućanstvo i slobodno vrijeme 1

HRN EN 17371-2:2021 en pr
Pružanje usluga – 2. dio: Ugovori o uslugama – Upute za oblikovanje, sadržaj i strukturu ugovora o uslugama (EN 17371-2:2021)
Provision of services – Part 2: Services contracts – Guidance for the design, content and structure of contracts (EN 17371-2:2021)

HZN/TU C1, Kemikalije, kemijsko inženjerstvo, poljoprivredni i prehrambeni proizvodi 1

HRN EN 13523-0:2021 en pr
Prevučeni metali u namotajima – Metode ispitivanja – 0. dio: Opći uvod (EN 13523-0:2021)
Coil coated metals – Test methods – Part 0: General introduction (EN 13523-0:2021)

HRN EN 13523-2:2021 en pr
Prevučeni metali u namotajima – Metode ispitivanja – 2. dio: Sjajnost (EN 13523-2:2021)
Coil coated metals – Test methods – Part 2: Gloss (EN 13523-2:2021)

HRN EN 13523-3:2021 en pr
Prevučeni metali u namotajima – Metode ispitivanja – 3. dio: Razlike u boji i metamerizam – Usporedba pomoću instrumenta (EN 13523-3:2021)
Coil coated metals – Test methods – Part 3: Colour difference and metamerism – Instrumental comparison (EN 13523-3:2021)

HRN EN 13523-7:2021 en pr
Prevučeni metali u namotajima – Metode ispitivanja – 7. dio: Otpornost na pojavu pukotina tijekom savijanja (T- postupak savijanja) (EN 13523-7:2021)
Coil coated metals – Test methods – Part 7: Resistance to cracking on bending (T-bend test) (EN 13523-7:2021)

HZN/TU I2, Strojstvo 2

HRN EN 17106-1:2021 en pr
Strojevi za održavanje cesta – Sigurnost – 1. dio: Opći zahtjevi (EN 17106-1:2021)
Road operation machinery – Safety – Part 1: General requirements (EN 17106-1:2021)

HRN EN 17106-2:2021 en pr
Strojevi za održavanje cesta – Sigurnost – 2. dio: Posebni zahtjevi za strojeve za čišćenje prometnih površina (EN 17106-2:2021)
Road operation machinery – Safety – Part 2: Specific requirements for road surface cleaning machines (EN 17106-2:2021)

HRN EN 17106-3-1:2021 en pr
Strojevi za održavanje cesta – Sigurnost – Dio 3-1: Strojevi za zimsko održavanje – Zahtjevi za strojeve za čišćenje snijega s rotirajućim alatima i ralice (EN 17106-3-1:2021)
Road operation machinery – Safety – Part 3-1: Winter service machines – Requirements for snow clearing machines with rotating tools and snow ploughs (EN 17106-3-1:2021)

HRN EN 17106-3-2:2021 en pr
Strojevi za održavanje cesta – Sigurnost – Dio 3-2: Strojevi za zimsko održavanje – Posebni zahtjevi za strojeve za posipanje (EN 17106-3-2:2021)
Road operation machinery – Safety – Part 3-2: Winter service machines – Specific requirements for spreading machines (EN 17106-3-2:2021)

HRN EN 17106-4:2021 en pr
Strojevi za održavanje cesta – Sigurnost – 4. dio: Strojevi za održavanje vegetacije – Zahtjevi za kosilice za travu i čistače šikare (EN 17106-4:2021)
Road operation machinery – Safety – Part 4: Road service area maintenance machines – Requirements for grass and brush cutting machines (EN 17106-4:2021)

HRN EN 17206:2020/Ispr.1:2021 en pr
Tehnologija za industriju zabave – Scenska i studijska oprema i ostala slična oprema – Sigurnosni zahtjevi i pregledi (EN 17206:2020/AC:2021)
Entertainment technology – Machinery for stages and other production areas – Safety requirements and inspections (EN 17206:2020/AC:2021)

HZN/TU S1, Zdravlje, okoliš i medicinska oprema 1

HRN EN ISO 10535:2021 en pr
Pomagala za osobe s invaliditetom – Dizala za prijevoz osoba – Zahtjevi i metode ispitivanja (ISO 10535:2021; EN ISO 10535:2021)
Assistive products – Hoists for the transfer of persons – Requirements and test methods (ISO 10535:2021; EN ISO 10535:2021)

HZN/TU T1, Prijevoz, rukovanje materijalima i pakiranje 1

HRN EN 415-3:2021 en pr
Sigurnost strojeva za pakiranje – 3. dio: Strojevi za oblikovanje, punjenje i brtvljenje, strojevi za punjenje i brtvljenje (EN 415-3:2021)
Safety of packaging machines – Part 3: Form, fill and seal machines, fill and seal machines (EN 415-3:2021)

HRN EN 415-11:2021 en pr
Sigurnost strojeva za pakiranje – 11. dio: Određivanje učinkovitosti i raspoloživosti (EN 415-11:2021)
Safety of packaging machines – Part 11: Determination of efficiency and availability (EN 415-11:2021)

HRN EN ISO 3691-6:2021 en pr
Industrijska vozila – Sigurnosni zahtjevi i verifikacija – 6. dio: Vozila za prijevoz tereta i osoblja (ISO 3691-6:2021; EN ISO 3691-6:2021)
Industrial trucks – Safety requirements and verification – Part 6: Burden and personnel carriers (ISO 3691-6:2021; EN ISO 3691-6:2021)

HRN EN 4613:2021 en pr
Zrakoplovstvo – Kuglasti klizni ležajevi od čelika otpornog na koroziju sa samopodmazujućim prstenom, uske serije – Dimenzije i opterećenja – Nizovi u inčima (EN 4613:2021)
Aerospace series – Spherical plain bearing in corrosion resisting steel with self-lubricating liner, narrow series – Dimensions and loads – Inch series (EN 4613:2021)

HRN EN 4614:2021 en pr
Zrakoplovstvo – Kuglasti klizni ležajevi od čelika otpornog na koroziju sa samopodmazujućim prstenom, široke serije – Dimenzije i opterećenja – Nizovi u inčima (EN 4614:2021)
Aerospace series – Spherical plain bearing in corrosion resisting steel with self-lubricating liner, wide series – Dimensions and loads – Inch series (EN 4614:2021)

HRN EN 9208:2021 en pr
Zrakoplovstvo – Upravljanje programom – Iskazivanje potrebe – Upute i format za (potrebu) tehničku specifikaciju (EN 9208:2021)
Aerospace series – Programme management – Expression of need – Guidance on and format for (Need) Technical Specification (EN 9208:2021)

HRN EN 16602-70-16:2021 en pr
Svemirsko inženjerstvo – Spajanje ljepljenjem za svemirske letjelice i lansirne rampe (EN 16602-70-16:2021)
Space engineering – Adhesive bonding for spacecraft and launcher applications (EN 16602-70-16:2021)

HZN/TU U1, Opća elektrotehnika 1

HRN EN IEC 60068-3-3:2019/Ispr.1:2021 en pr
Ispitivanje utjecaja okoliša – Dio 3-3: Popratna dokumentacija i upute – Metode seizmičkih ispitivanja opreme (IEC 60068-3-3:2019/Corr.1:2021; EN IEC 60068-3-3:2019/AC:2021)
Environmental testing – Part 3-3: Supporting documentation and guidance – Seismic test methods for equipment (IEC 60068-3-3:2019/Corr.1:2021; EN IEC 60068-3-3:2019/AC:2021)

HRN EN IEC 62321-2:2021 en pr
Utvrđivanje određenih supstanci u elektrotehničkim proizvodima – 2. dio: Rastavljanje, razdvajanje i mehanička priprema uzoraka (IEC 62321-2:2021; EN IEC 62321-2:2021)
Determination of certain substances in electrotechnical products – Part 2: Disassembly, disjointment and mechanical sample preparation (IEC 62321-2:2021; EN IEC 62321-2:2021)

HRN EN IEC 62321-3-3:2021 en pr
Utvrđivanje određenih supstanci u elektrotehničkim proizvodima – Dio 3-3: Provjera – Polibromirani bifenili, polibromirani difenil eteri i ftalati u polimerima pomoću plinske kromatografije sa spektrometrijom masa primjenom opreme za pirolizu/toplinsku desorpciju (Py/TD-GC-MS) (IEC 62321-3-3:2021; EN IEC 62321-3-3:2021)
Determination of certain substances in electrotechnical products – Part 3-3: Screening – Polybrominated biphenyls, polybrominated diphenyl ethers and phthalates in polymers by gas chromatography-mass spectrometry using a pyrolyser/thermal desorption accessory (Py/TD-GC-MS) (IEC 62321-3-3:2021; EN IEC 62321-3-3:2021)

HRN EN IEC 62321-9:2021 en pr
Utvrđivanje određenih tvari u elektrotehničkim proizvodima – 9. dio: Određivanje heksabromociklododekana u polimerima pomoću plinske kromatografije sa masenom spektrometrijom (GC-MS) (IEC 62321-9:2021; EN IEC 62321-9:2021)
Determination of certain substances in electrotechnical products – Part 9: Hexabromocyclododecane in polymers by chromatography-mass spectrometry (GC-MS) (IEC 62321-9:2021; EN IEC 62321-9:2021)

HZNTU V1, Elektronika 1

- HRN EN 50377-14-1:2021 en pr
Skupovi konektora i komponenti za međusobno povezivanje za upotrebu u komunikacijskim sustavima s optičkim vlaknima – Specifikacije proizvoda – Dio 14-1: Jednosmjerni i dvosmjerni kabeli koji se sastoje od jednosmjernih utikača s cilindričnim navlakama, koji upotrebljavaju jednodimenzionalna vlakna B-652 ili B-657 iz norme EN 60793-2-50 za kategoriju C prema normi EN 61753-1 (EN 50377-14-1:2021)
Connector sets and interconnect components to be used in optical fibre communication systems – Product specifications – Part 14-1: Simplex and duplex cords made from simplex plugs with cylindrical ferrules, using EN 60793-2-50 single-mode B-652 or B-657 fibre for Category C according to EN 61753-1 (EN 50377-14-1:2021)
- HRN EN IEC 60444-6:2021 en pr
Mjerenje parametara jedinice kristala kvarca – 6. dio: Mjerenje ovisnosti o razinama uzbude (DLD) (IEC 60444-6:2021; EN IEC 60444-6:2021)
Measurement of quartz crystal unit parameters – Part 6: Measurement of drive level dependence (DLD) (IEC 60444-6:2021; EN IEC 60444-6:2021)
- HRN EN IEC 61010-2-032:2021 en pr
Sigurnosni zahtjevi za mjernu, upravljačku i laboratorijsku električnu opremu – Dio 2-032: Posebni zahtjevi za ručne strujne senzore za električna ispitivanja i mjerenja (IEC 61010-2-032:2019; EN IEC 61010-2-032:2021)
Safety requirements for electrical equipment for measurement, control and laboratory use – Part 2-032: Particular requirements for hand-held and hand-manipulated current sensors for electrical test and measurement (IEC 61010-2-032:2019; EN IEC 61010-2-032:2021)
- HRN EN IEC 61010-2-032:2021/A11:2021 en pr
Sigurnosni zahtjevi za mjernu, upravljačku i laboratorijsku električnu opremu – Dio 2-032: Posebni zahtjevi za ručne strujne senzore za električna ispitivanja i mjerenja (EN IEC 61010-2-032:2021/A11:2021)
Safety requirements for electrical equipment for measurement, control and laboratory use – Part 2-032: Particular requirements for hand-held and hand-manipulated current sensors for electrical test and measurement (EN IEC 61010-2-032:2021/A11:2021)
- HRN EN IEC 61010-2-033:2021 en pr
Sigurnosni zahtjevi za mjernu, upravljačku i laboratorijsku električnu opremu – Dio 2-033: Posebni zahtjevi za ručne multimetre za kućnu i profesionalnu uporabu koja mogu mjeriti napon javne električne mreže (IEC 61010-2-033:2019; EN IEC 61010-2-033:2021)
Safety requirements for electrical equipment for measurement, control, and laboratory use – Part 2-033: Particular requirements for hand-held multimeters for domestic and professional use, capable of measuring mains voltage (IEC 61010-2-033:2019; EN IEC 61010-2-033:2021)
- HRN EN IEC 61010-2-033:2021/A11:2021 en pr
Sigurnosni zahtjevi za mjernu, upravljačku i laboratorijsku električnu opremu – Dio 2-033: Posebni zahtjevi za ručne multimetre za kućnu i profesionalnu uporabu koja mogu mjeriti napon javne električne mreže (EN IEC 61010-2-033:2021/A11:2021)
Safety requirements for electrical equipment for measurement, control, and laboratory use – Part 2-033: Particular requirements for hand-held multimeters for domestic and professional use, capable of measuring mains voltage (EN IEC 61010-2-033:2021/A11:2021)
- HRN EN 61010-031:2015/A11:2021 en pr
Sigurnosni zahtjevi za mjernu, upravljačku i laboratorijsku električnu opremu – Dio 031: Sigurnosni zahtjevi za ručne i ručno upravljane sonde za električna ispitivanja i mjerenja (EN 61010-031:2015/A11:2021)
Safety requirements for electrical equipment for measurement, control and laboratory use – Part 031: Safety requirements for hand-held and hand-manipulated probe assemblies for electrical test and measurement (EN 61010-031:2015/A11:2021)
- HRN EN 61010-031:2015/A1:2021 en pr
Sigurnosni zahtjevi za mjernu, upravljačku i laboratorijsku električnu opremu – Dio 031: Sigurnosni zahtjevi za ručne i ručno upravljane sonde za električna ispitivanja i mjerenja (IEC 61010-031:2015/am1:2018; EN 61010-031:2015/A1:2021)
Safety requirements for electrical equipment for measurement, control and laboratory use – Part 031: Safety requirements for hand-held and hand-manipulated probe assemblies for electrical test and measurement (IEC 61010-031:2015/am1:2018; EN 61010-031:2015/A1:2021)
- HRN EN IEC 61169-54:2021 en pr
Radiofrekvencijski konektori – 54. dio: Sekcijska specifikacija za koaksijalne konektore s unutarnjim promjerom vanjskog vodiča 10 mm, nazivna karakteristična impedancija 50 Ω, niza od 4,3 do 10 (IEC 61169-54:2021; EN IEC 61169-54:2021)
Radio frequency connectors – Part 54: Sectional specification for coaxial connectors with 10 mm inner diameter of outer conductor, nominal characteristic impedance 50 Ω, Series 4.3-10 (IEC 61169-54:2021; EN IEC 61169-54:2021)
- HRN EN IEC 61189-2-807:2021 en pr
Metode ispitivanja za električne materijale, tiskane pločice i druge međusobno povezuje strukture i sklopove – Dio 2-807: Metode ispitivanja materijala za međusobno povezuje strukture – Temperatura raspadanja (Td) korištenjem TGA (IEC 61189-2-807:2021; EN IEC 61189-2-807:2021)
Test methods for electrical materials, printed boards and other interconnection structures and assemblies – Part 2-807: Test methods for materials for interconnection structures – Decomposition temperature (Td) using TGA (IEC 61189-2-807:2021; EN IEC 61189-2-807:2021)
- HRN EN IEC 61753-101-03:2021 en pr
Izvedbena norma za svjetlovodne uređaje za međusobno spajanje i pasivne komponente – Dio 101-03: Sustavi upravljanja optičkim vlaknima za kategoriju OP – Zaštićeno vanjsko okruženje (IEC 61753-101-03:2021; EN IEC 61753-101-03:2021)
Fibre optic interconnecting devices and passive components performance standard – Part 101-03: Fibre management systems for category OP – Outdoor protected environment (IEC 61753-101-03:2021; EN IEC 61753-101-03:2021)
- HRN EN IEC 61753-111-07:2021 en pr
Svjetlovodni uređaji za međusobno spajanje i pasivne komponente – Izvedbena norma – Dio 111-07: Zapečaćene spojnice – Kategorija A – Nadzemno polaganje (IEC 61753-111-07:2021; EN IEC 61753-111-07:2021)
Fibre optic interconnecting devices and passive components – Performance standard – Part 111-07: Sealed closures – Category A – Aerial (IEC 61753-111-07:2021; EN IEC 61753-111-07:2021)
- HRN EN IEC 61753-111-09:2021 en pr
Svjetlovodni uređaji za međusobno spajanje i pasivne komponente – Izvedbena norma – Dio 111-09: Zapečaćene spojnice – Kategorija S – Podzemno polaganje (IEC 61753-111-09:2021; EN IEC 61753-111-09:2021)
Fibre optic interconnecting devices and passive components – Performance standard – Part 111-09: Sealed closures – Category S – Subterranean (IEC 61753-111-09:2021; EN IEC 61753-111-09:2021)
- HRN EN IEC 61753-131-03:2021 en pr
Svjetlovodni uređaji za međusobno spajanje i pasivne komponente – Izvedbena norma – Dio 131-03: Mehanički spojevi za jednodimenzionalna optička vlakna za kategoriju OP – Zaštićeno vanjsko okruženje (IEC 61753-131-03:2021; EN IEC 61753-131-03:2021)
Fibre optic interconnecting devices and passive components – Performance standard – Part 131-03: Single-mode mechanical fibre splice for category OP – Outdoor protected environment (IEC 61753-131-03:2021; EN IEC 61753-131-03:2021)
- HRN EN 62920:2017/A1:2021 en pr
Fotonaponski sustavi napajanja – Zahtjevi za elektromagnetsku kompatibilnost (EMC) i metode ispitivanja za opremu za pretvorbu energije (IEC 62920:2017/am1:2021; EN 62920:2017/A1:2021)
Photovoltaic power generating systems – EMC requirements and test methods for power conversion equipment (IEC 62920:2017/am1:2021; EN 62920:2017/A1:2021)
- HRN EN IEC 63041-1:2021 en pr
Piezoelektrični senzori – 1. dio: Opće specifikacije (IEC 63041-1:2021; EN IEC 63041-1:2021)
Piezoelectric sensors – Part 1: Generic specifications (IEC 63041-1:2021; EN IEC 63041-1:2021)

HRN EN IEC 63244-1:2021 en pr
Poluvodičke komponente – Poluvodičke komponente za bežični prijenos energije i punjenje – 1. dio: Opći zahtjevi i specifikacije (IEC 63244-1:2021; EN IEC 63244-1:2021)
Semiconductor devices – Semiconductor devices for wireless power transfer and charging – Part 1: General requirements and specifications (IEC 63244-1:2021; EN IEC 63244-1:2021)

HZN/TU W1, *Energetska elektrotehnika 1*

HRN EN 50342-1:2015/A2:2021 en pr
Olovni akumulatori za pokretanje – 1. dio: Opći zahtjevi i metode ispitivanja (EN 50342-1:2015/A2:2021)
Lead-acid starter batteries – Part 1: General requirements and methods of test (EN 50342-1:2015/A2:2021)

HRN EN IEC 60086-5:2021 en pr
Primarne baterije – 5. dio: Sigurnost baterija s tekućim elektrolitom (IEC 60086-5:2021; EN IEC 60086-5:2021)
Primary batteries – Part 5: Safety of batteries with aqueous electrolyte (IEC 60086-5:2021; EN IEC 60086-5:2021)

HRN EN IEC 60704-1:2021 en pr
Kućanski i slični električni aparati – Ispitna pravila za određivanje uzdušne buke – 1. dio: Opći zahtjevi (IEC 60704-1:2021; EN IEC 60704-1:2021)
Household and similar electrical appliances – Test code for the determination of airborne acoustical noise – Part 1: General requirements (IEC 60704-1:2021; EN IEC 60704-1:2021)

HRN EN IEC 62841-4-5:2021 en pr
Ručni elektromotorni alati, prijenosni alati i mehanizacija za travnjake i vrtove – Sigurnost – Dio 4-5: Posebni zahtjevi za škare za travu (IEC 62841-4-5:2021; EN IEC 62841-4-5:2021)
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 4-5: Particular requirements for grass shears (IEC 62841-4-5:2021; EN IEC 62841-4-5:2021)

HRN EN IEC 62841-4-5:2021/A11:2021 en pr
Ručni elektromotorni alati, prijenosni alati i mehanizacija za travnjake i vrtove – Sigurnost – Dio 4-5: Posebni zahtjevi za škare za travu (EN IEC 62841-4-5:2021/A11:2021)
Electric motor-operated hand-held tools; transportable tools and lawn and garden machinery – Safety – Part 4-5: Particular requirements for grass shears (EN IEC 62841-4-5:2021/A11:2021)

HRN EN IEC 63218:2021 en pr
Sekundarni članci i baterije koje sadrže alkalne ili druge nekisele elektrolite – Sekundarni litijevi, nikal kadmijevi i nikal-metalni hidridni članci i baterije za prijenosne primjene – Vodič za aspekte zaštite okoliša (IEC 63218:2021; EN IEC 63218:2021)
Secondary cells and batteries containing alkaline or other non-acid electrolytes – Secondary lithium, nickel cadmium and nickel-metal hydride cells and batteries for portable applications – Guidance on environmental aspects (IEC 63218:2021; EN IEC 63218:2021)

1.2 Nacrti hrvatskih norma

Temeljem Zakona o normizaciji (Narodne novine 80/2013) Hrvatski zavod za norme na prijedlog tehničkih odbora objavljuje raspravu o nacrtima hrvatskih norma (oznaka nHRN). Pisane primjedbe na nacрте hrvatskih norma dostavljaju se Hrvatskom zavodu za norme (uz naznaku tehničkog odbora i referencijsku oznaku nacрта hrvatske norme) u roku od 30 dana od dana objave rasprave u službenom glasilu Hrvatskoga zavoda za norme (HZN e-glasilo).

Nacrti su hrvatskih norma zainteresiranima na raspolaganju u Normoteci Hrvatskoga zavoda za norme, Ulica grada Vukovara 78, Zagreb.

HZN/TO 548, *Konstruktivski eurokodovi*

nHRN EN 1996-1-1:2012/A2 hr izv
Eurokod 6: Projektiranje zidanih konstrukcija – Dio 1-1: Opća pravila za armirane i nearmirane zidane konstrukcije
Eurocode 6: Design of masonry structures – Part 1-1: General rules for reinforced and unreinforced masonry structures

1.3 Prijedlozi za prihvaćanje stranih norma u izvorniku

Temeljem Zakona o normizaciji (Narodne novine 80/2013) Hrvatski zavod za norme na prijedlog tehničkih odbora objavljuje raspravu o prijedlogu za prihvaćanje stranih norma (međunarodnih, europskih i njemačkih norma) kao hrvatskih norma.

Pisane primjedbe na prijedloge za prihvaćanje norma dostavljaju se Hrvatskome zavodu za norme (uz naznaku tehničkog odbora i referencijsku oznaku norme) u roku od 30 dana od dana objave rasprave u službenom glasilu Hrvatskoga zavoda za norme (HZN e-glasilo).

HZN/TO 6, *Papir, karton i pulpe*

prEN ISO 638-2 en
Paper, board, pulps and cellulosic nanomaterials – Determination of dry matter content by oven-drying method – Part 2: Suspensions of cellulosic nanomaterials (ISO/FDIS 638-2:2021)
Papir, karton, pulpe i celulozni nanomaterijali – Određivanje sadržaja suhe tvari metodom sušenja u peći – 2. dio: Suspenzije celuloznih nanomaterijala (ISO/FDIS 638-2:2021)

ISO 1762:2019 en
Paper, board, pulps and cellulose nanomaterials – Determination of residue (ash content) on ignition at 525 °C
Papir, karton, pulpe i celulozni nanomaterijali – Određivanje ostatka (pepela) žarenjem na 525 °C

ISO 2144:2019 en
Paper, board, pulps and cellulose nanomaterials – Determination of residue (ash content) on ignition at 900 °C
Papir, karton, pulpe i celulozni nanomaterijali – Određivanje ostatka (pepela) žarenjem na 900 °C

ISO 2493-2:2020 en
Paper and board – Determination of resistance to bending – Part 2: Taber-type tester
Papir i karton – Određivanje otpornosti prema savijanju – 2. dio: Taberov instrument

ISO 5628:2019 en
Paper and board – Determination of bending stiffness – General principles for two-point, three-point and four-point methods
Papir i karton – Određivanje krutosti – Opća načela za metode dvije točke, tri točke i četiri točke

ISO 5647:2019 en
Paper and board – Determination of titanium dioxide content
Papir i karton – Određivanje sadržaja titanij dioksida

ISO 6588-1:2020 en
Paper, board and pulps – Determination of pH of aqueous extracts – Part 1: Cold extraction
Papir, karton i pulpe – Određivanje pH vrijednosti vodenih ekstrakta – 1. dio: Hladna ekstrakcija

ISO 6588-2:2020 en
Paper, board and pulps – Determination of pH of aqueous extracts – Part 2: Hot extraction
Papir, karton i pulpe – Određivanje pH vrijednosti vodenih ekstrakta – 2. dio: Topla ekstrakcija

ISO 8791-4:2021 en
Paper and board – Determination of roughness/smoothness (air leak methods) – Part 4: Print-surf method
Papir i karton – Određivanje hrapavosti/glatkoće (metode propuštanja zraka) – 4. dio: Print-surf metoda

ISO 9198:2020 en
Paper, board and pulp – Determination of water-soluble sulfates
Papir, karton i pulpe – Određivanje vodotopljivih sulfata

ISO 9932:2021 en
Paper and board – Determination of water vapour transmission rate of sheet materials – Dynamic sweep and static gas methods
Papir i karton – Određivanje postotka propusnosti vodene pare lista – Dinamička metoda uz strujanje plina i statička metoda

ISO 12830:2019 en
Paper, board, pulps and cellulose nanomaterials – Determination of acid-soluble magnesium, calcium, manganese, iron, copper, sodium and potassium
Papir, karton, pulpe i celulozni nanomaterijali – Određivanje magnezija, kalcija, mangana, željeza, bakra, natrija i kalija topljivih u kiselini

HZN/TO 23, Traktori i strojevi za poljoprivredu i šumarstvo

prEN 17750 en
Agricultural and forestry machinery – Light-signalling devices and installation on mounted implements

HZN/TO 71, Beton

prEN 12390-19 en
Testing of hardened concrete – Part 19: Determination of resistivity
Ispitivanje očvrsloga betona – 19. dio: Određivanje otpornosti

HZN/TO 92, Zaštita od požara

EN 13501-6:2018/prA1 en
Fire classification of construction products and building elements – Part 6: Classification using data from reaction to fire tests on power, control and communication cables
Razredba građevnih proizvoda i građevnih elemenata prema ponašanju u požaru – 6. dio: Razredba prema rezultatima ispitivanja reakcije na požar energetskih, upravljačkih i komunikacijskih kabela

HZN/TO 121, Anestetička i respiracijska oprema

prEN ISO 26825 en
Anaesthetic and respiratory equipment – User-applied labels for syringes containing drugs used during anaesthesia – Colours, design and performance (ISO 26825:2020)
Anestetička i respiracijska oprema – Naljepnice za šprice s lijekovima za upotrebu tijekom anestezije koje stavlja korisnik – Boje, dizajn i svojstva (ISO 26825:2020)

HZN/TO 134, Gnojiva i poboljšivači tla

prEN 12580 en
Soil improvers and growing media – Determination of a quantity
Poboljšivači tla i supstrati – Određivanje količine

prEN 15238 en
Soil improvers and growing media – Determination of quantity for materials with particle size greater than 60 mm
Poboljšivači tla i supstrati – Određivanje količine materijala s česticama većim od 60 mm

HZN/TO 136, Namještaj

prEN 13721 en
Furniture – Assessment of the surface reflectance
Namještaj – Ocjenjivanje stupnja refleksije površine

prEN 16121 en
Non-domestic storage furniture – Requirements for safety, strength, durability and stability
Namještaj za skladištenje koji nije za kućnu uporabu – Zahtjevi za sigurnost, čvrstoću, izdržljivost i stabilnost

prEN 16611 en
Furniture – Assessment of the surface resistance to microscratching
Namještaj – Procjena otpornosti površine na mikroogrebotine

HZN/TO 138, Plastične cijevi, spojnice i ventili za prijenos tekućina

prEN 16903 en
Plastics piping systems – Environmental product declarations – Product Category Rules complementary to EN 15804, for buried plastics piping systems
Plastični cijevni sustavi – Izjava o zaštiti okoliša – Pravila za kategorizaciju proizvoda (PCR) kao dopuna norme EN 15804 za podzemne plastične cijevne sustave

prEN 16904 en
Plastics piping systems – Environmental product declarations – Product Category rules complementary to EN 15804, for plastic piping systems inside buildings
Plastični cijevni sustavi – Izjava o zaštiti okoliša – Pravila za kategorizaciju proizvoda (PCR) kao dopuna norme EN 15804 za plastične cijevne sustave unutar građevina

HZN/TO 147, Kvaliteta vode

prEN ISO 7704 en
Water quality – Requirements for the performance testing of membrane filters used for direct enumeration of microorganisms by culture methods (ISO/DIS 7704:2021)

prEN ISO 13163 en
Water quality – Lead-210 – Test method using liquid scintillation counting (ISO 13163:2021)
Kvaliteta vode – Olovo-210 – Metoda ispitivanja s upotrebom tekućinske scintilacije (ISO 13163:2021)

HZN/TO 163, Toplinska izolacija

prEN 13496 en
Thermal insulation products for building applications – Determination of the mechanical properties of glass fibre meshes as reinforcement for External Thermal Insulation Composite Systems with renders (ETICS)
Toplinsko-izolacijski proizvodi za primjenu u zgradarstvu – Određivanje mehaničkih svojstava mrežice od staklenih vlakana kao ojačanja u povezanim sustavima za vanjsku toplinsku izolaciju sa žbukom (ETICS)

HZN/TO 181, Sigurnost igračkaka i proizvodi za djecu

EN 71-13:2021/prA1 en
Safety of toys – Part 13: Olfactory board games, cosmetic kits and gustative games
Sigurnost igračkaka – 13. dio: Mirisne ploče za igru, kozmetički setovi i setovi za kušanje

HZN/TO 196, Prirodni kamen

prEN 16306 en
Natural stone test methods – Determination of resistance of marble to thermal and moisture cycles
Metode ispitivanja prirodnog kamena – Određivanje otpornosti mramora na cikluse topline i vlage

HZN/TO 211, Geoinformacije/Geomatika

prEN ISO 19168-2 en
Geographic information – Geospatial API for features – Part 2: Coordinate Reference Systems by Reference (ISO/DIS 19168-2:2021)

HZN/TO 215, Zdravstvena informatika

EN ISO 11615:2017/prA1 en
Health informatics – Identification of medicinal products – Data elements and structures for the unique identification and exchange of regulated medicinal product information (ISO 11615:2017/DAMd 1:2021)
Zdravstvena informatika – Identifikacija lijekova – Elementi i strukture podataka za jedinstvenu identifikaciju i razmjenu propisanih informacija o lijeku (ISO 11615:2017/DAMd 1:2021)

HZN/TO 238, Čvrsta biogoriva

prEN ISO 18134-1 en
Solid biofuels – Determination of moisture content – Oven dry method – Part 1: Total moisture – Reference method (ISO/DIS 18134-1:2021)
Čvrsta biogoriva – Određivanje udjela vlage – Metoda sušionika – 1. dio: Ukupna vlaga – Referentna metoda (ISO/DIS 18134-1:2021)

HZN/TO 502, Plinski uređaji

prEN 30-1-4 en
Domestic cooking appliances burning gas – Safety – Part 1-4: Appliances having one or more burners with an automatic burner control system
Kućanski plinski uređaji za kuhanje – Sigurnost – Dio 1-4: Uređaji s jednim ili više plamenika s automatskim nadzorom

HZN/TO 503, Metalni materijali

prEN ISO 4943 en
Steel and cast iron – Determination of copper content – Flame atomic absorption spectrometric method (ISO/DIS 4943:2021)
Čelik i željezni ljev – Određivanje sadržaja bakra – Metoda plamene atomske apsorpcijske spektrometrije (ISO/DIS 4943:2021)

HZN/TO 506, Materijali, oprema i konstrukcije za naftnu industriju, prirodni plin i geotermalnu vodu

prEN ISO 19901-10 en
Petroleum and natural gas industries – Specific requirements for offshore structures – Part 10: Marine geophysical investigations (ISO 19901-10:2021)
Industrija nafte i prirodnog plina – Posebni zahtjevi za odobalne konstrukcije – 10. dio: Geofizička istraživanja mora (ISO 19901-10:2021)

HZN/TO 508, Ambalaža i pakiranje

prEN 12374 en
Packaging – Flexible tubes – Terminology
Ambalaža – Savitljive tube – Nazivlje

prEN 12377 en
Packaging – Flexible tubes – Test method for the air tightness of closures
Ambalaža – Savitljive tube – Ispitne metode za ispitivanje zrakonepropusnosti zatvarača

prEN 13048 en
Packaging – Flexible aluminium tubes – Internal lacquer film thickness measurement method
Ambalaža – Savitljive aluminijske tube – Metoda mjerenja debljine sloja unutarnjeg laka

HZN/TO 511, Eksplozivi za civilnu uporabu

prEN 13763-1 en
Explosives for civil uses – Detonators and detonating cord relays – Part 1: Requirements

prEN 13763-27 en
Explosives for civil uses – Detonators and detonating cord relays – Part 27: Risk analysis and test methods for electronic initiation systems

HZN/TO 528, Oprema za željeznice

prEN 16207 en
Railway applications – Braking – Functional and performance criteria of Magnetic Track Brake systems for use in railway rolling stock
Željeznički sustav – Kočenje – Funkcionalni i izvedbeni kriteriji za elektromagnetske tračničke kočnice na željezničkim vozilima

EN 45545-2:2020/prA1 en
Railway applications – Fire protection on railway vehicles – Part 2: Requirements for fire behaviour of materials and components
Željeznički sustav – Zaštita od požara na željezničkim vozilima – 2. dio: Zahtjevi za ponašanje materijala i komponenti u požaru

HZN/TO 533, Kolničke konstrukcije

prEN 12697-47 en
Bituminous mixtures – Test methods – Part 47: Determination of the ash content of natural asphalts
Bitumenske mješavine – Metode ispitivanja – 47. dio: Određivanje udjela pepela u prirodnom asfaltu

HZN/TO 536, Vrata, prozori i staklo u graditeljstvu

prEN 12978 en
Industrial, commercial and garage doors and gates and pedestrian doorsets – Protective devices for power operated doors and gates – Requirements and test methods
Industrijska, komercijalna, garažna i ostala ulazna vrata te vrata za pješake – Zaštitne naprave za strojno pogonjena vrata i kolne ulaze – Zahtjevi i metode ispitivanja

HZN/TO 537, Tehnički crteži, dimenzijske i geometrijske specifikacije, opis proizvoda i odgovarajuća dokumentacija

prEN ISO 16610-62 en
Geometrical product specifications (GPS) – Filtration – Part 62: Linear areal filters: Spline filters (ISO/DIS 16610-62:2021)

HZN/TO 550, Opskrba vodom

prEN 13077 en
Devices to prevent pollution by backflow of potable water – Air gap with non-circular overflow (unrestricted) – Family A – Type B
Uređaji za sprječavanje onečišćenja vode za piće zbog povratnog toka – Zračni razmak (neograničeni) za preljev koji nije kružnog oblika – Skupina A – Tip B

HZN/TO 551, Gradnja

ISO 15392:2019 en
Sustainability in buildings and civil engineering works – General principles
Održivost zgrada i inženjerskih građevina – Opća načela

ISO 16745-1:2017 en
Sustainability in buildings and civil engineering works – Carbon metric of an existing building during use stage – Part 1: Calculation, reporting and communication
Održivost zgrada i inženjerskih građevina – Ugljična metrika postojeće zgrade tijekom faze uporabe – 1. dio: Proračun, izvještavanje i komunikacija

ISO 16745-2:2017 en
Sustainability in buildings and civil engineering works – Carbon metric of an existing building during use stage – Part 2: Verification
Održivost zgrada i inženjerskih građevina – Ugljična metrika postojeće zgrade tijekom faze uporabe – 2. dio: Verifikacija

prEN 17549-2 en
Building information modelling – Information structure based on EN ISO 16739 1 to exchange data templates and data sheets for construction objects – Part 2: Configurable construction objects and requirements

ISO 20887:2020 en
Sustainability in buildings and civil engineering works – Design for disassembly and adaptability – Principles, requirements and guidance
Održivost zgrada i inženjerskih građevina – Projekt uklanjanja i prilagodljivosti – Načela, zahtjevi i upute

ISO 21678:2020 en
Sustainability in buildings and civil engineering works – Indicators and benchmarks – Principles, requirements and guidelines
Održivost zgrada i inženjerskih građevina – Pokazatelji i referentne vrijednosti – Načela, zahtjevi i upute

ISO 21930:2017 en
Sustainability in buildings and civil engineering works – Core rules for environmental product declarations of construction products and services
Održivost zgrada i inženjerskih građevina – Osnovna pravila za izjave o utjecaju na okoliš građevinskih proizvoda i usluga

ISO 21931-2:2019 en
Sustainability in buildings and civil engineering works – Framework for methods of assessment of the environmental, social and economic performance of construction works as a basis for sustainability assessment – Part 2: Civil engineering works
Održivost zgrada i inženjerskih građevina – Metodološki okvir za ocjenjivanje svojstava građevina s obzirom na okoliš te socijalnih i ekonomskih svojstava kao podloga za procjenu održivosti – 2. dio: Inženjerske građevine

HZN/TO 553, Predgotovljeni proizvodi

prEN 16757 en
Sustainability of construction works – Environmental product declarations – Product Category Rules for concrete and concrete elements
Održivost građevina – Izjave o utjecaju proizvoda na okoliš – Pravila za kategorizaciju proizvoda za beton i betonske elemente

HZN/TO 555, Medicinski proizvodi

- prEN ISO 14644 en
Cleanrooms and associated controlled environments – Part 4: Design, construction and start-up (ISO/DIS 14644:2021)
Čisti prostori i odgovarajući kontrolirani okoliš – 4. dio: Projektiranje, izvedba i pokretanje (ISO/DIS 14644:2021)
- prEN ISO 15189 en
Medical laboratories – Requirements for quality and competence (ISO/DIS 15189:2021)
Medicinski laboratoriji – Zahtjevi za kvalitetu i osposobljenost (ISO/DIS 15189:2021)

HZN/TO 557, Zaštitna odjeća

- prEN ISO 6942 en
Protective clothing – Protection against heat and fire – Method of test: Evaluation of materials and material assemblies when exposed to a source of radiant heat (ISO/DIS 6942:2021)
Zaštitna odjeća – Zaštita od topline i vatre – Metoda ispitivanja: Procjena jednoslojnih i višeslojnih materijala pri izlaganju izvoru toplinskog zračenja (ISO/DIS 6942:2021)
- EN ISO 21420:2020/prA1 en
Protective gloves – General requirements and test methods (ISO 21420:2020/DAmD 1:2021)
Zaštitne rukavice – Opći zahtjevi i metode ispitivanja (ISO 21420:2020/DAmD 1:2021)

HZN/TO 559, Zaporni, regulacijski i sigurnosni uređaji

- prEN 19 en
Industrial valves – Marking of metallic valves
Industrijski zaporni uređaji – Označavanje zapornih uređaja od metala

HZN/TO 560, Tekstilni proizvodi

- prEN ISO 4484-1 en
Textiles and textile products – Microplastics from textile sources – Part 1: Determination of material loss from fabrics during washing (ISO/DIS 4484-1:2021)
- prEN ISO 14389 en
Textiles – Determination of the phthalate content – Tetrahydrofuran method (ISO/DIS 14389:2021)
Tekstil – Određivanje sadržaja ftalata – Tetrahydrofuran metoda (ISO/DIS 14389:2021)

HZN/TO 562, Alatni strojevi i alati

- prEN 1417 en
Plastics and rubber machines – Two-roll mills – Safety requirements
Strojevi za gumu i plastiku – Dvovaljčana glodala – Sigurnosni zahtjevi

HZN/TO 571, Sport, igrališta i ostali rekreacijski sadržaji i oprema

- FprCEN/TS 17676 en
Guidelines for the safe operation of fitness centres during an infectious outbreak
Smjernice za siguran rad fitness centara tijekom zaraze

HZN/TO E8, Sustavski vidovi opskrbe električnom energijom

- prEN 50160 en
Voltage characteristics of electricity supplied by public distribution networks
Naponske karakteristike električne energije iz javnih distribucijskih mreža

HZN/TO E14, Energetski transformatori

- IEC 60076-7:2018 en
Power transformers – Part 7: Loading guide for mineral-oil-immersed power transformers
Energetski transformatori – 7. dio: Vodič za opterećivanje energetskih transformatora napunjenih mineralnim uljem
- IEC 60076-21:2018 en
Power transformers – Part 21: Standard requirements, terminology, and test code for step-voltage regulators
Energetski transformatori – 21. dio: Zahtjevi, terminologija i ispitne odredbe za korlačne naponske regulatore

HZN/TO E34, Žarulje, svjetiljke i pripadna oprema

- prEN IEC 60598-2-2:2021 en
Luminaires – Part 2-2: Particular requirements – Recessed luminaires (IEC 60598-2-2 ED4)
Svjetiljke – Dio 2-2: Posebni zahtjevi – Uvučene svjetiljke (IEC 60598-2-2 ED4)
- prEN IEC 63286:2021 en
Flexible Organic Light Emitting Diode (OLED) panels for general lighting – Performance requirements (IEC 63286 ED1)

HZN/TO E56, Pouzdanost

- prEN IEC 61124:2021 en
Reliability testing – Compliance tests for constant failure rate and constant failure intensity (IEC 61124 ED4)
Ispitivanje pouzdanosti - Ispitivanja ispunjavanja zahtjeva za konstantnu učestalost kvarova i konstantni intenzitet kvarova (IEC 61124 ED4)

HZN/TO E65, Mjerenje, vođenje i automatizacija industrijskih procesa

- prEN IEC 61987-31:2021 en
List of Properties (LOP) of infrastructure devices for electronic data exchange – Generic structures (IEC 61987-31 ED1)

HZN/TO E72, Naprave za automatsko upravljanje u kućanstvu

- EN IEC 60730-2-14:2019/prA1 en
Automatic electrical controls – Part 2-14: Particular requirements for electric actuators (IEC 60730-2-14:2017/am1:2019)
Električne naprave za automatsko upravljanje – Dio 2-14: Posebni zahtjevi za električne izvršne članove (aktuatora) (IEC 60730-2-14:2017/am1:2019)

HZN/TO E76, Sigurnost optičkoga zračenja i laserska oprema

- prEN IEC 60825-12:2021 en
Safety of laser products – Part 12: Safety of free space optical communication systems used for transmission of information (IEC 60825-12 ED3)
Sigurnost laserskih proizvoda – 12. dio: Sigurnost optičkih komunikacijskih sustava koji se upotrebljavaju za prijenos informacija u otvorenome prostoru (IEC 60825-12 ED3)

HZN/TO E78, Rad pod naponom

- prEN 50528 en
Insulating ladders for use on or near low voltage electrical installations
Izolacijske ljestve za upotrebu na ili u blizini postrojenja niskog napona

HZN/TO E500, Elektromagnetska kompatibilnost u elektrotehnici i telekomunikacijama

- prEN IEC 55011:2021 {fragment 2} en
Miscellaneous, definitions and annexes (CISPR 11/FRAG2 ED7)
- prEN IEC 55011:2021 {fragment 3} en
Requirements for radio beam wireless power transfer (WPTAAD) equipment (CISPR 11/FRAG3 ED7)
- prEN IEC 55011:2021 {fragment 4} en
Requirements for measurements of robots (CISPR 11/FRAG4 ED7)
- prEN IEC 55011:2021 {fragment 5} en
Requirements for wired network ports (CISPR 11/FRAG5 ED7)
- prEN IEC 55011:2021 {fragment 6} en
Requirements for radiated emissions above 1 GHz (CISPR 11/FRAG6 ED7)
- prEN IEC 55011:2021 {fragment 7} en
Requirements for radio enabled products (CISPR 11/FRAG7 ED7)

HZN/TO E502, Elektrotehnički aspekti telekomunikacijske opreme

- prEN 50173-20 en
Information technology – Generic cabling systems – Part 20: Alternative cabling configurations
- prEN 50697 en
Information technology – Measurement of end-to-end links, modular plug terminated links and direct attach cabling

HZN/TO T4, Normizacija u telekomunikacijama

Draft EN 300 019-2-0 V2.1.6:2021 en
Environmental Engineering (EE) – Environmental conditions and environmental tests for telecommunications equipment – Part 2: Specification of environmental tests – Sub-part 0: Introduction
Upravljanje okolišem (EE) – Uvjeti i ispitivanja telekomunikacijske opreme s obzirom na okoliš – 2. dio: Specifikacija ispitivanja utjecaja na okoliš – 0. poddio: Uvod

Draft EN 300 338-8 V1.0.0:2021 en
Technical characteristics and methods of measurement for equipment for generation, transmission and reception of Digital Selective Calling (DSC) in the maritime MF, MF/HF and/or VHF mobile service – Part 8: Enabling DSC radio equipment with remote control capabilities
Tehničke značajke i metode mjerenja opreme za generiranje, odašiljanje i prijam digitalnog selektivnog poziva (DSC) u pomorskoj MF, MF/HF i/ili VHF pokretnoj službi – 8. dio: Omogućavanje DSC radio opreme s mogućnostima daljinskog upravljanja

Draft EN 300 674-2-1 V3.0.1:2021 en
Transport and Traffic Telematics (TTT) – Dedicated Short Range Communication (DSRC) transmission equipment (500 kbit/s / 250 kbit/s) operating in the 5 795 MHz to 5 815 MHz frequency band – Part 2: Harmonised Standard for access to radio spectrum – Sub-part 1: Road Side Units (RSU)
Telematika cestovnog prijevoza i prometa (TTT) – Komunikacijska oprema kratkoga dometa (DSRC) za prijenos signala brzinama 500 kbit/s/250 kbit/s, koja radi u pojasu od 5 795 MHz do 5 815 MHz – 2. dio: Harmonizirana norma za pristup radijskom spektru – 1. poddio: Jedinice uz prometnicu (RSU)

Draft EN 301 908-13 V13.2.0:2021 en
IMT cellular networks – Harmonised Standard for access to radio spectrum – Part 13: Evolved Universal Terrestrial Radio Access (E-UTRA) User Equipment (UE)
IMT celularne mreže – Harmonizirana norma za pristup radijskom spektru – 13. dio: Korisnička oprema (UE) za razvijeni univerzalni terestrijalni radijski pristup (E-UTRA)

HZN/TO Z1, Informacijska tehnologija

prEN 17740 en
Requirements for professional profiles related to personal data processing and protection

prEN 17748-1 en
Foundational Body of Knowledge for the ICT Profession (ICT BoK) – Part 1: Body of Knowledge

HZN/TU A1, Usluge, proizvodi za kućanstvo i slobodno vrijeme 1

prEN 17634 en
Electronic cigarettes and e-liquids – Determination of nicotine delivery consistency over defined puff sequences of a number of e-cigarettes of identical type
Elektroničke cigarete i e-tekućine – Određivanje postojanosti oslobađanja nikotina kroz definirane nizove uvlačenja na više e-cigareta jednake vrste

prEN 17746 en
Electronic cigarettes and e-liquids – Determination of nicotine delivery consistency over defined puff sequences within a single e-cigarette
Elektroničke cigarete i e-tekućine – Određivanje postojanosti oslobađanja nikotina kroz definirane nizove uvlačenja na jednoj e-cigareti

prEN ISO 22361 en
Security and resilience – Crisis management – Guidelines for a strategic capability (ISO/DIS 22361:2021)
Sigurnost i elastičnost – Upravljanje krizama – Smjernice za razvoj strateških sposobnosti (ISO/DIS 22361:2021)

HZN/TU C1, Kemikalije, kemijsko inženjerstvo, poljoprivredni i prehrambeni proizvodi 1

prEN ISO 788 en
Ultramarine pigments (ISO 788:2021)

prEN 1811 en
Reference test method for release of nickel from all post assemblies which are inserted into pierced parts of the human body and articles intended to come into direct and prolonged contact with the skin
Referentna metoda ispitivanja izlučivanja nikla iz svih dijelova koji se umeću u probušene dijelove ljudskoga tijela i predmeta koji su u izravnom i produženome kontaktu s ljudskom kožom

prEN ISO 11127-6 en
Preparation of steel substrates before application of paints and related products – Test methods for non-metallic blast-cleaning abrasives – Part 6: Determination of water-soluble contaminants by conductivity measurement (ISO/DIS 11127-6:2021)
Priprema čeličnih podloga prije nanošenja boja i srodnih proizvoda – Ispitne metode za nemetalne abrazive za čišćenje mlazom – 6. dio: Određivanje onečišćenja topljivih u vodi mjerenjem vodljivosti (ISO/DIS 11127-6:2021)

prEN ISO 11339 en
Adhesives – T-peel test for flexible-to-flexible bonded assemblies (ISO/FDIS 11339:2021)
Adhezivi – „T“ ispitivanje ljuštenjem savitljivih slijepjenih spojeva (ISO/FDIS 11339:2021)

EN ISO 16474-2:2013/prA1 en
Paints and varnishes – Methods of exposure to laboratory light sources – Part 2: Xenon-arc lamps – Amendment 1: Classification of daylight filters (ISO/16474-2:2013/DAMd 1:2021)

HZN/TU I1, Strojarstvo 1

prEN 17763 en
Centrifuges – Marine fuel centrifuges – Determination of particle separation performance and certified flow rate (CFR) under defined test conditions

HZN/TU I2, Strojarstvo 2

prEN ISO 6683 en
Earth-moving machinery – Seat belts and seat belt anchorages – Performance requirements and tests (ISO/DIS 6683:2021)
Strojevi za zemljane radove – Sigurnosni pojasevi i njihovi priključci – Zahtjevi za izvedbu i ispitivanja (ISO/DIS 6683:2021)

prEN 15544 en
One off Kachelgrundöfen/Putzgrundöfen (tiled/mortared stoves) – Dimensioning
Stabilne zidane peći sa kaljem i bez njega – Dimenzioniranje

HZN/TU S1, Zdravlje, okoliš i medicinska oprema 1

prEN ISO 12417-1 en
Cardiovascular implants and extracorporeal systems – Vascular device-drug combination products – Part 1: General requirements (ISO/DIS 12417-1:2021)
Kardiovaskularni implantati i ekstrakorporalni sustavi – Proizvodi koji su kombinacija vaskularnog sredstva i lijeka – 1. dio: Opći zahtjevi (ISO/DIS 12417-1:2021)

HZN/TU T1, Prijevoz, rukovanje materijalima i pakiranje 1

prEN 1755 en
Industrial Trucks – Safety requirements and verification – Supplementary requirements for operation in potentially explosive atmospheres
Industrijska vozila – Sigurnosni zahtjevi i verifikacija – Dodatni zahtjevi za rad u potencijalno eksplozivnim atmosferama

prEN 2882:2021 en
Aerospace series – Nuts, hexagonal, self-locking, with counterbore and captive washer, in steel, cadmium plated, MoS2 lubricated – Classification: 1 100 MPa (at ambient temperature)/235 °C
Zrakoplovstvo – Matice, šesterokutne, samozatvarajuće, s upustom i neskidajućom podloškom, od čelika, prevučene kadmijem, podmazane s MoS2 – Klasifikacija: 1100 MPa (pri temperaturi okoline)/235 °C

prEN 2944:2021 en
Aerospace series – Inserts, screw thread, helical coil, self-locking, in corrosion resisting steel FE-PA3004
Zrakoplovstvo – Zatici, sa vijčastim navojem, sa spiralnim svitkom, samozatvarajući, od čelika otpornog na koroziju FE-PA3004

prEN ISO 3691-2 en
Industrial trucks – Safety requirements and verification – Part 2: Self-propelled variable-reach trucks (ISO/DIS 3691-2:2021)
Industrijska vozila – Sigurnosni zahtjevi i verifikacija – 2. dio: Vozila na vlastiti pogon s promjenjivim dometom (ISO/DIS 3691-2:2021)

EN ISO 3691-3:2016/prA1 en
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/DAMd 1:2021)

prEN ISO 4210-1 en
Cycles – Safety requirements for bicycles – Part 1: Terms and definitions (ISO/DIS 4210-1:2021)
Bicikli – Sigurnosni zahtjevi za bicikle – 1. dio: Nazivi i definicije (ISO/DIS 4210-1:2021)

prEN ISO 4210-2 en
Cycles – Safety requirements for bicycles – Part 2: Requirements for city and trekking, young adult, mountain and racing bicycles (ISO/DIS 4210-2:2021)
Bicikli – Sigurnosni zahtjevi za bicikle – 2. dio: Zahtjevi za gradske bicikle, bicikle za polaganu vožnju, bicikle za mlade ljude, brdske i trkače bicikle (ISO/DIS 4210-2:2021)

prEN ISO 4210-3 en
Cycles – Safety requirements for bicycles – Part 3: Common test methods (ISO/DIS 4210-3:2021)
Bicikli – Sigurnosni zahtjevi za bicikle – 3. dio: Uobičajene metode ispitivanja (ISO/DIS 4210-3:2021)

prEN ISO 4210-4 en
Cycles – Safety requirements for bicycles – Part 4: Braking test methods (ISO/DIS 4210-4:2021)
Bicikli – Sigurnosni zahtjevi za bicikle – 4. dio: Metode ispitivanja kočenja (ISO/DIS 4210-4:2021)

prEN ISO 4210-5 en
Cycles – Safety requirements for bicycles – Part 5: Steering test methods (ISO/DIS 4210-5:2021)
Bicikli – Sigurnosni zahtjevi za bicikle – 5. dio: Metode ispitivanja za upravljanje (ISO/DIS 4210-5:2021)

prEN ISO 4210-6 en
Cycles – Safety requirements for bicycles – Part 6: Frame and fork test methods (ISO/DIS 4210-6:2021)
Bicikli – Sigurnosni zahtjevi za bicikle – 6. dio: Metode ispitivanja za okvir i vilicu (ISO/DIS 4210-6:2021)

prEN ISO 4210-7 en
Cycles – Safety requirements for bicycles – Part 7: Wheels and rims test methods (ISO/DIS 4210-7:2021)
Bicikli – Sigurnosni zahtjevi za bicikle – 7. dio: Metode ispitivanja za kotače i naplatke (ISO/DIS 4210-7:2021)

prEN ISO 4210-8 en
Cycles – Safety requirements for bicycles – Part 8: Pedal and drive system test methods (ISO/DIS 4210-8:2021)
Bicikli – Sigurnosni zahtjevi za bicikle – 8. dio: Metode ispitivanja za pedale i pogonski sustav (ISO/DIS 4210-8:2021)

prEN ISO 4210-9 en
Cycles – Safety requirements for bicycles – Part 9: Saddles and seat-post test methods (ISO/DIS 4210-9:2021)
Bicikli – Sigurnosni zahtjevi za bicikle – 9. dio: Metode ispitivanja za sjedala i držače sjedala (ISO/DIS 4210-9:2021)

EN 15194:2017/prA1 en
Cycles – Electrically power assisted cycles – EPAC Bicycles
Bicikli – Bicikli s pomoćnim električnim pogonom – EPAC Bicikli

prEN 16307-2 en
Industrial trucks – Safety requirements and verification – Part 2: Supplementary requirements for self-propelled variable-reach trucks
Industrijska vozila – Sigurnosni zahtjevi i verifikacija – 2. dio: Dopunski zahtjevi za regalne viličare promjenjivog dohvata s vlastitim pogonom

prEN 16307-3 en
Industrial trucks – Safety requirements and verification – Part 3 Supplementary requirements for trucks with elevating operator position and trucks specifically designed to travel with elevated loads (additional requirements to EN 16307-1)
Industrijska vozila – Sigurnosni zahtjevi i verifikacija – 3. dio: Dopunski zahtjevi za vozila s podiznim mjestom za rukovatelja i vozila posebno projektirana za kretanje s podignutim teretom (dodatni zahtjevi uz normu EN 16307-1)

prEN 16602-60 en
Space product assurance – Electrical, electronic and electromechanical (EEE) components

prEN 16602-60-13 en
Space product assurance – Commercial electrical, electronic and electromechanical (EEE) components

prEN 16602-70-61 en
Space product assurance – High-reliability soldering for surface mount, mixed technology and hand-mounted electrical connections

prEN 16603-20 en
Space engineering – Electrical and electronic
Svemirsko inženjerstvo – Elektrotehnika i elektronika

HZN/TU U1, Opća elektrotehnika 1

prEN 50419:2021 en
Marking of electrical and electronic equipment (EEE) in respect to separate collection of waste EEE (WEEE)

prEN IEC 61788-22-3:2021 en
Superconductivity – Part 22-3: Superconducting strip photon detector – dark count rate (IEC 61788-22-3 ED1)

HZN/TU V1, Elektronika 1

prEN IEC 60352-6:2021 en
Solderless connections – Part 6: Insulation piercing connections – General requirements, test methods and practical guidance (IEC 60352-6 ED2)

prEN IEC 60384-19:2021 en
Fixed capacitors for use in electronic equipment – Part 19: Sectional specification: Fixed metallized polyethylene terephthalate film dielectric surface mount DC capacitors (IEC 60384-19 ED4)

prEN IEC 60512-27-200:2021 en
Connectors for electrical and electronic equipment – Tests and measurements – Part 27-200: Additional specifications for signal integrity tests up to 2 000 MHz on IEC 60603-7 series connectors – Tests 27a to 27g (IEC 60512-27-200 ED1)

prEN IEC 60738-1:2021 en
Thermistors – Directly heated positive temperature coefficient – Part 1: Generic specification (IEC 60738-1 ED4)

prEN IEC 60794-1-310:2021 en
Optical fibre cables – Basic optical cable test procedures – Part 310: Cable element test methods – Strippability, Methods G10 (IEC 60794-1-310 ED1)

prEN 61010-2-101:2017/prA11 en
Safety requirements for electrical equipment for measurement, control, and laboratory use – Part 2-101: Safety requirements for in vitro diagnostic (IVD) medical equipment
Sigurnosni zahtjevi za mjernu, upravljačku i laboratorijsku električnu opremu – Dio 2-101: Sigurnosni zahtjevi za in vitro dijagnostičku (IVD) medicinsku opremu

prEN IEC 61189-2-801:2021 en
Test methods for electrical materials, printed board and other interconnection structures and assemblies – Part 2-801: Thermal conductivity test for base materials (IEC 61189-2-801 ED1)

prEN IEC 61189-2-803:2021 en
Test methods for electrical materials, printed board and other interconnection structures and assemblies – Part 2-803: Test methods for Z-Axis Expansion of base materials and printed board (IEC 61189-2-803 ED1)

prEN IEC 61189-2-804:2021 en
Test methods for electrical materials, printed board and other interconnection structures and assemblies – Part 2-804: Test methods for time to delamination – T260, T288, T300 (IEC 61189-2-804 ED1)

prEN IEC 61189-2-805:2021 en
Test methods for electrical materials, printed board and other interconnection structures and assemblies – Part 2-805: X/Y CTE Test for Thin Base Materials by TMA (IEC 61189-2-805 ED1)

EN 61340-2-1:2015/prA1:2021 en
Electrostatics – Part 2-1: Measurement methods – Ability of materials and products to dissipate static electric charge (Proposed horizontal standard) (IEC 61340-2-1/am1 ED2)

prEN IEC 63093-10:2021 en
Ferrite cores – Guidelines on dimensions and the limits of surface irregularities – Part 10: PM-cores and associated parts (IEC 63093-10 ED1)

prEN IEC 63171-5:2021 en
Connectors for electrical and electronic equipment – Part 5: Detail specification for 2-way M8 and M12 circular connectors, shielded or unshielded, free and fixed – Mechanical mating information, pin assignment and additional requirements for Type 5 (IEC 63171-5 ED1)

prEN IEC 63251:2021 en
Test Method for Mechanical Property of Flexible Opto-Electric Circuit Boards under Thermal Stress (IEC 63251 ED1)

HZN/TU W1, Energetska elektrotehnika 1

prEN 50631-1 en
Household appliances network and grid connectivity – Part 1: General requirements, Generic data modelling and neutral messages
Kućanski aparati spojeni na električnu i inteligentnu mrežu – 1. dio: Opći zahtjevi, generičko modeliranje podataka i neutralne poruke

prEN 50631-2 en
Household appliances network and grid connectivity – Part 2: product specific mappings, details, requirements and deviations

prEN 50631-3-1 en
Household appliances network and grid connectivity – Part 3-1: Specific Data Model Mapping: SPINE

prEN 50631-4-1 en
Household appliances network and grid connectivity – Part 4-1: Communication Protocol Specific Aspects: SHIP 1.1

prEN IEC 60379:2021 en
Methods for measuring the performance of electric storage water-heaters for household purposes (IEC 60379 ED4)
Ispitne metode za mjerenje radnih značajka električnih grijalica vode za kućnu uporabu (IEC 60379 ED4)

EN 61951-2:2017/prA1:2021 en
Secondary cells and batteries containing alkaline or other non acid electrolytes – Secondary sealed cells and batteries for portable applications – Part 2: Nickel-metal hydride (IEC 61951-2/am1 ED4)
Sekundarni članci i baterije koje sadrže alkalne ili druge nekisele elektrolite – Prijenosni zapečaćeni sekundarni članci i baterije – 2. dio: Nikal-metalni hidrid (IEC 61951-2/am1 ED4)

prEN IEC 63237-1:2021 en
Household and similar electrical appliances – Product information properties – Part 1: Fundamentals (IEC 63237-1 ED1)

1.4 Povučene hrvatske norme

Na prijedlog tehničkog odbora ravnatelj Hrvatskoga zavoda za norme donosi odluku o povlačenju hrvatske norme kada je donesena nova hrvatska norma ili kada je postojeća hrvatska norma postala neprimjenjiva.

Kada je koje područje uređeno propisima i neki od propisa (pravilnik, naredba, naputak) upućuje na norme koje su povučene, one se primjenjuju silom tih propisa i bit će, do izmjene propisa ili izradbe novih, na raspolaganju u Normoteci HZN-a.

HZN/TO 23, Traktori i strojevi za poljoprivredu i šumarstvo

HRN EN 16952:2020 en
Poljoprivredna mehanizacija – Radne platforme za neravni teren za radove u voćnjaku (WPO) – Sigurnost (EN 16952:2018)
Agricultural machinery – Rough-terrain Work Platforms for Orchard's operations (WPO) – Safety (EN 16952:2018)
- zamijenjena s: HRN EN 16952:2021

HZN/TO 44, Zavarivanje i srodni postupci

HRN EN 1045:2001 en
Tvrdo lemljenje – Talila za lemljenje – Razredba i tehnički uvjeti isporuke (EN 1045:1997)
Brazing – Fluxes for brazing – Classification and technical delivery conditions (EN 1045:1997)
- zamijenjena s: HRN EN ISO 18496:2021

HRN EN ISO 3834-5:2015 en
Zahtjevi za kvalitetu zavarivanja taljenjem metalnih materijala – 5. dio: Dokumenti s kojima se treba uskladiti kako bi bili sukladni sa zahtjevima za kvalitetu prema ISO 3834-2, ISO 3834-3 ili ISO 3834-4 (ISO 3834-5:2015; EN ISO 3834-5:2015)
Quality requirements for fusion welding of metallic materials – Part 5: Documents with which it is necessary to conform to claim conformity to the quality requirements of ISO 3834-2, ISO 3834-3 or ISO 3834-4 (ISO 3834-5:2015; EN ISO 3834-5:2015)
- zamijenjena s: HRN EN ISO 3834-5:2021

HRN EN ISO 15614-12:2014 en
Specifikacija i kvalifikacija postupaka zavarivanja za metalne materijale – Ispitivanje postupka zavarivanja – 12. dio: Elektrootporno točkasto, šavno i bradavičasto zavarivanje (ISO 15614-12:2014; EN ISO 15614-12:2014)
Specification and qualification of welding procedures for metallic materials – Welding procedure test – Part 12: Spot, seam and projection welding (ISO 15614-12:2014; EN ISO 15614-12:2014)
- zamijenjena s: HRN EN ISO 15614-12:2021

HZN/TO 86, Uređaji za hlađenje, klimatizaciju i dizalice topline

HRN EN 12284:2004 en
Rashladni sustavi i dizalice topline – Ventili – Zahtjevi, ispitivanje i označavanje (EN 12284:2003)
Refrigerating systems and heat pumps – Valves – Requirements, testing and marking (EN 12284:2003)
- zamijenjena s: HRN EN ISO 21922:2021

HRN EN 17032:2018 en
Rashladni uređaji za brzo hlađenje i zamrzavanje za profesionalnu upotrebu – Razredba, zahtjevi i uvjeti ispitivanja (EN 17032:2018)
Blast chillers and freezers cabinets for professional use – Classification, requirements and test conditions (EN 17032:2018)
- zamijenjena s: HRN EN ISO 22042:2021

HRN EN 17032:2018/A1:2019 en
Rashladni uređaji za brzo hlađenje i zamrzavanje za profesionalnu upotrebu – Razredba, zahtjevi i uvjeti ispitivanja (EN 17032:2018/A1:2019)
Blast chillers and freezers cabinets for professional use – Classification, requirements and test conditions (EN 17032:2018/A1:2019)
- zamijenjena s: HRN EN ISO 22042:2021

HZN/TO 91, Površinski aktivne tvari

HRN ISO 685:1998 en
Ispitivanje sapuna – Određivanje sadržaja ukupnih alkalija i sadržaja ukupnih masnih tvari (ISO 685:1975)
Analysis of soaps – Determination of total alkali content and total fatty matter content (ISO 685:1975)
- zamijenjena s: HRN ISO 685:2021

HRN ISO 4323:1997 en
Sapuni – Određivanje sadržaja klorida – Potenciometrijska metoda (ISO 4323:1977)
Soaps – Determination of chlorides content – Potentiometric method (ISO 4323:1977)
- zamijenjena s: HRN ISO 4323:2021

HZN/TO 92, Zaštita od požara

HRN DIN 4102-4/Ispravak 3:2000 de
Ponašanje građevnih materijala i elemenata u požaru – 4. dio: Sastav i primjena građevnih materijala, građevnih elemenata i posebnih građevnih elemenata (DIN 4102-4:1994/Ispravak 3:1998)
Fire behaviour of building materials and building components – Synopsis and application of classified building materials, components and special (DIN 4102-4:1994/Berichtigung 3:1998)
- bez zamjene

HRN DIN 4102-4:1996 de
Ponašanje građevnih gradiva i građevnih elemenata u požaru – 4. dio: Sastav i primjena građevnih gradiva, građevnih elemenata i posebnih građevnih elemenata (DIN 4102-4:1994+Ber 1:1995+Ber 2:1996)
Fire behaviour of building materials and building components – Part 4: Synopsis and application of classified building materials, components and special components (DIN 4102-4:1994+Ber 1:1995+Ber 2:1996)
- bez zamjene

HRN DIN 4102-6:1996 de
Ponašanje građevnih gradiva i građevnih elemenata u požaru – 6. dio: Ventilacijski vodovi – Pojmovi, zahtjevi i ispitivanja (DIN 4102-6:1977)
Fire behaviour of building materials and building components – Part 6: Ventilation ducts – Definitions, requirements and tests (DIN 4102-6:1977)
- bez zamjene

HRN DIN 4102-7:2000 de
Ponašanje građevnih materijala i elemenata u požaru – 7. dio: Krovovi – Pojmovi, zahtjevi i ispitivanja (DIN 4102-7:1998)
Fire behaviour of building materials and building components – Part 7: Roofing; definitions, requirements and testing (DIN 4102-7:1998)
- bez zamjene

HRN DIN 4102-8:1996 de
Ponašanje građevnih gradiva i građevnih elemenata u požaru – 8. dio: Mali uređaji za ispitivanje (DIN 4102-8:1986)
Fire behaviour of building materials and components – Part 8: Small scale test furnace (DIN 4102-8:1986)
- bez zamjene

HRN DIN 4102-16:2000 de
Ponašanje građevnih materijala i elemenata u požaru – 16. dio: Provedba ispitivanja u požarnom oknu (DIN 4102-16:1998)
Fire behaviour of building materials and building components – Part 16: "Brandschacht" tests (DIN 4102-16:1998)
- bez zamjene

HRN DIN 4102-17:2001 hr
Ponašanje građevnih materijala i građevnih elemenata u požaru – 17. dio: Talište izolacijskih materijala s mineralnim vlaknima – Pojmovi, zahtjevi, ispitivanja (DIN 4102-17:1990)
Fire behaviour of building materials and elements – Part 17: Determination of melting point of mineral fibre insulating materials – Concepts, requirements and testing (DIN 4102-17:1990)
- bez zamjene

HRN DIN 18230-1:2000 de
Građevna zaštita od požara u industrijskoj gradnji – 1. dio: Računski potrebno trajanje otpornosti na požar (DIN 18230-1:1998 + Ispravak 1:1998)
Structural fire protection in industrial buildings – Part 1: Analytically required fire resistance time (DIN 18230-1:1998 + Ber 1:1998)
- bez zamjene

HRN DIN 18230-2:2000 de
Građevna zaštita od požara u industrijskoj gradnji – 2. dio: Određivanje faktora gorivosti m (DIN 18230-2:1999)
Structural fire protection in industrial buildings – Part 2: Determination of combustion behaviour of materials in storage arrangement – Combustion factor m (DIN 18230-2:1999)
- bez zamjene

HRN DIN 53436-1:1996 de
Stvaranje termičkih elemenata razgradnje gradiva zbog dovoda zraka i njihovo toksikološko ispitivanje – 1. dio: Uređaj za razgradnju i određivanje ispitne temperature (DIN 53436-1:1981)
Producing thermal decomposition products from materials in an air stream and their toxicological testing – Part 1: Decomposition apparatus and determination of test-temperature (DIN 53436-1:1981)
- bez zamjene

HRN DIN 53436-2:1996 de
Stvaranje termičkih elemenata razgradnje gradiva zbog dovoda zraka i njihovo toksikološko ispitivanje – 2. dio: Postupak u svrhu termičke razgradnje (DIN 53436-2:1986)
Generation of thermal decomposition products from materials in an air stream for toxicological testing – Part 2: Thermal decomposition method (DIN 53436-2:1986)
- bez zamjene

HRN DIN 53436-3:1996 de
Stvaranje termičkih elemenata razgradnje gradiva zbog dovoda zraka i njihovo toksikološko ispitivanje – 3. dio: Postupak u svrhu inhalativno-toksikološkog ispitivanja (DIN 53436-3:1989)
Generation of thermal decomposition products from materials in an air stream for toxicological testing – Part 3: Method for testing the inhalation toxicity (DIN 53436-3:1989)
- bez zamjene

HZN/TO 135, Nerazorna ispitivanja

HRN EN 13477-2:2010 en
Nerazorno ispitivanje – Akustička emisija – Karakterizacija opreme – 2. dio: Provjeravanje radnih značajka (EN 13477-2:2010)
Non-destructive testing – Acoustic emission – Equipment characterisation – Part 2: Verification of operating characteristic (EN 13477-2:2010)
- zamijenjena s: HRN EN 13477-2:2021

HZN/TO 136, Namještaj

HRN EN 14727:2008 en
Laboratorijski namještaj – Elementi za pohranu za laboratorije – Zahtjevi i metode ispitivanja (EN 14727:2005)
Laboratory furniture – Storage units for laboratories – Requirements and test methods (EN 14727:2005)
- bez zamjene

HZN/TO 147/PO 7, Kvaliteta vode; Mikrobiološka i biološka ispitivanja

HRI ISO/TR 15462:2010 en
Kvaliteta vode – Odabir testova za određivanje biološke razgradljivosti (ISO/TR 15462:2006)
Water quality – Selection of tests for biodegradability (ISO/TR 15462:2006)
- zamijenjena s: HRI CEN ISO/TR 15462:2021

HZN/TO 172, Optika i optički instrumenti

HRN EN ISO 11807-1:2008 en,fr
Integrirana optika – Terminološki rječnik – 1. dio: Osnovno nazivlje i simboli (ISO 11807-1:2001; EN ISO 11807-1:2005)
Integrated optics – Vocabulary – Part 1: Basic terms and symbols (ISO 11807-1:2001; EN ISO 11807-1:2005)
- zamijenjena s: HRN EN ISO 11807-1:2021

HRN EN ISO 11807-2:2008 en,fr
Integrirana optika – Terminološki rječnik – 2. dio: Nazivlje koje se upotrebljava pri razredbi (ISO 11807-2:2001; EN ISO 11807-2:2005)
Integrated optics – Vocabulary – Part 2: Terms used in classification (ISO 11807-2:2001; EN ISO 11807-2:2005)
- zamijenjena s: HRN EN ISO 11807-2:2021

HRN EN ISO 14881:2008 en
Integrirana optika – Povezivanje – Parametri relevantni za spajanje (ISO 14881:2001; EN ISO 14881:2005)
Integrated optics – Interfaces – Parameters relevant to coupling properties (ISO 14881:2001; EN ISO 14881:2005)
- zamijenjena s: HRN EN ISO 14881:2021

HRN EN ISO 16672:2015 en
Oftalmološki implantanti – Okularni unutrašnji tamponi (ISO 16672:2015; EN ISO 16672:2015)
Ophthalmic implants – Ocular endotamponades (ISO 16672:2015; EN ISO 16672:2015)
- zamijenjena s: HRN EN ISO 16672:2021

HZN/TO 181, Sigurnost igračka i proizvodi za djecu

HRI CEN/TR 15071:2016 en
Sigurnost igračaka – Nacionalni prijevodi upozorenja i upute za uporabu prema nizu norma EN 71 (CEN/TR 15071:2015)
Safety of toys – National translations of warnings and instructions for use in the EN 71 series (CEN/TR 15071:2015)
- zamijenjena s: HRI CEN/TR 15071:2021

HRI CEN/TR 15371-1:2019 en
Sigurnost igračaka – Tumačenja – 1. dio: Odgovori na zahtjeve za tumačenje EN 71-1, EN 71-2, EN 71-8 i EN 71-14 (CEN/TR 15371-1:2017)
Safety of toys – Interpretations – Part 1: Replies to requests for interpretation of EN 71-1; EN 71-2; EN 71-8 and EN 71-14 (CEN/TR 15371-1:2017)
- zamijenjena s: HRI CEN/TR 15371-1:2021

HRI CEN/TR 15371-2:2019 en
Sigurnost igračaka – Tumačenja – 2. dio: Odgovori na zahtjeve za tumačenje kemijskih svojstava prema nizu norma EN 71 (CEN/TR 15371-2:2019)
Safety of toys – Interpretations – Part 2: Replies to requests for interpretation of the chemical standards in the EN 71-series (CEN/TR 15371-2:2019)
- zamijenjena s: HRI CEN/TR 15371-2:2021

HZN/TO 182, Geotehničke konstrukcije

HRN EN ISO 22475-1:2008 en
Geotehničko istraživanje i ispitivanje – Metode uzorkovanja i mjerenja podzemne vode – 1. dio: Tehnička načela izvedbe (ISO 22475-1:2006; EN ISO 22475-1:2006)
Geotechnical investigation and testing – Sampling methods and groundwater measurements – Part 1: Technical principles for execution (ISO 22475-1:2006; EN ISO 22475-1:2006)
- zamijenjena s: HRN EN ISO 22475-1:2021

HZN/TO 207, Upravljanje okolišem

HRN EN ISO 14065:2013 hr,en-en
Staklenički plinovi – Zahtjevi za tijela koja provode validaciju i verifikaciju stakleničkih plinova za potrebe akreditacije ili drugih oblika odobrenja (ISO 14065:2013; EN ISO 14065:2013)
Greenhouse gases – Requirements for greenhouse gas validation and verification bodies for use in accreditation or other forms of recognition (ISO 14065:2013; EN ISO 14065:2013)
- zamijenjena s: HRN EN ISO 14065:2021

HZN/TO 215, Zdravstvena informatika

HRN EN ISO 27789:2014 en
Medicinska informatika – Sljedovi audita za elektroničke zdravstvene zapise (ISO 27789:2013; EN ISO 27789:2013)
Health informatics – Audit trails for electronic health records (ISO 27789:2013; EN ISO 27789:2013)
- zamijenjena s: HRN EN ISO 27789:2021

HZN/TO 504, Korozija i zaštita metala i legura

HRN EN ISO 4524-3:2000 en
Metalne prevlake – Metode ispitivanja elektronanesenih prevlaka zlata i zlatnih legura – 3. dio: Elektrografičko ispitivanje poroznosti (ISO 4524-3:1985; EN ISO 4524-3:1995)
Metallic coatings – Test methods for electrodeposited gold and gold alloy coatings – Part 3: Electrographic tests for porosity (ISO 4524-3:1985; EN ISO 4524-3:1995)
- zamijenjena s: HRN EN ISO 4524-3:2021

HZN/TO 506, Materijali, oprema i konstrukcije za naftnu industriju, prirodni plin i geotermalnu vodu

HRN EN ISO 3977-5:2004 en
Plinske turbine – Nabava – 5. dio: Primjena u industriji nafte i prirodnog plina (ISO 3977-5:2001; EN ISO 3977-5:2003)
Gas turbines – Procurement – Part 5: Applications for petroleum and natural gas industries (ISO 3977-5:2001; EN ISO 3977-5:2003)
- bez zamjene

HRN EN ISO 6326-1:2010 en
Prirodni plin – Određivanje sumpornih spojeva – 1. dio: Opći uvod (ISO 6326-1:2007; EN ISO 6326-1:2009)
Natural gas – Determination of sulfur compounds – Part 1: General introduction (ISO 6326-1:2007; EN ISO 6326-1:2009)
- bez zamjene

HRN EN ISO 6326-3:2008 en
Prirodni plin – Određivanje sumpornih spojeva – 3. dio: Potencijometrijsko određivanje vodikovog sulfida, merkaptanskog sumpora i karbonil sulfidnog sumpora (ISO 6326-3:1989; EN ISO 6326-3:1997)
Natural gas – Determination of sulfur compounds – Part 3: Determination of hydrogen sulfide, mercaptan sulfur and carbonyl sulfide sulfur by potentiometry (ISO 6326-3:1989; EN ISO 6326-3:1997)
- bez zamjene

HRN EN ISO 6326-5:2008 en
Prirodni plin – Određivanje sumpornih spojeva – 5. dio: Lingenerova metoda spaljivanja (ISO 6326-5:1989; EN ISO 6326-5:1997)
Natural gas – Determination of sulfur compounds – Part 5: Lingener combustion method (ISO 6326-5:1989; EN ISO 6326-5:1997)
- bez zamjene

HRI CEN ISO/TR 10400:2012 en
Industrija nafte i prirodnoga plina – Jednadžbe i proračuni osobina zaštitnih cijevi (casing), uzlaznih cijevi (tubing), šipki za bušenje i cjevovoda koji se upotrebljavaju kao zaštitne cijevi (casing) ili uzlazne cijevi (tubing) (ISO/TR 10400:2007; CEN ISO/TR 10400:2011)
Petroleum and natural gas industries – Equations and calculations for the properties of casing, tubing, drill pipe and line pipe used as casing or tubing (ISO/TR 10400:2007; CEN ISO/TR 10400:2011)
- zamijenjena s: HRI CEN ISO/TR 10400:2021

HRN EN ISO 10426-1:2010/Ispr.1:2012 en
Industrija nafte i prirodnog plina – Cementi i materijali za cementaciju bušotina – 1. dio: Specifikacija – Tehnički ispravak 1 (ISO 10426-1:2009/Cor 1:2010; EN ISO 10426-1:2009/AC:2010)
Petroleum and natural gas industries – Cements and materials for well cementing – Part 1: Specification – Technical Corrigendum 1 (ISO 10426-1:2009/Cor 1:2010; EN ISO 10426-1:2009/AC:2010)
- bez zamjene

HZN/TO 508, Ambalaža i pakiranje

HRN EN 14854:2007 en
Spremnici za aerosole – Stakleni spremnici – Dimenzije grla (EN 14854:2005)
Aerosol containers – Glass containers – Dimensions of the neck finish (EN 14854:2005)
- zamijenjena s: HRN EN 14854:2021

HRN EN 15421:2008 en
Ambalaža – Savitljive aluminijske tube – Određivanje priornljivosti unutarnjeg i vanjskog zaštitnog laka (EN 15421:2007)
Packaging – Flexible aluminium tubes – Determination of the adhesion of the internal and external protective lacquering (EN 15421:2007)
- zamijenjena s: HRN EN 15421:2021

HRN EN 16285:2013 en
Ambalaža – Savitljive aluminijske tube – Ispitna metoda za mjerenje deformacije tijela aluminijskih tuba (Postupak Guillotine) (EN 16285:2013)
Packaging – Flexible aluminium tubes – Test method to measure the deformation of the aluminium tube body (Guillotine test) (EN 16285:2013)
- zamijenjena s: HRN EN 16285:2021

HZN/TO 509, Cestovna oprema

HRN CEN/TS 16165:2017 en
Određivanje otpora na klizanje pješačkih površina – Metode vrednovanja (CEN/TS 16165:2016)
Determination of slip resistance of pedestrian surfaces – Methods of evaluation (CEN/TS 16165:2016)
- zamijenjena s: HRN EN 16165:2021

HZN/TO 518, Podovi, stropovi i zidne obloge

HRN DIN 18181:2010 de
Gipsane ploče u zgradarstvu – Primjena (DIN 18181:2008)
Gipsplatten im Hochbau – Verarbeitung (DIN 18181:2008)
- bez zamjene

HRN DIN 18183-1:2010 de
Pregradni zidovi i zidne obloge iz gipsanih ploča s metalnim podkonstrukcijama – 1. dio: Obloga iz gipsanih ploča (DIN 18183-1:2009)
Trennwände und Vorsatzschalen aus Gipsplatten mit Metallunterkonstruktionen – Teil 1: Beplankung mit Gipsplatten (DIN 18183-1:2009)
- bez zamjene

HZN/TO 525, Hidroizolacijski materijali i proizvodi za pokrivanje krovova

HRN EN 508-1:2014 en
Proizvodi od lima za pokrivanje krovova i oblaganje zidova – Specifikacija za samonosive proizvode od čeličnog, aluminijskog ili nehrđajućeg čeličnog lima – 1. dio: Čelik (EN 508-1:2014)
Roofing and cladding products from metal sheet – Specification for self-supporting of steel, aluminium or stainless steel sheet – Part 1: Steel (EN 508-1:2014)
- zamijenjena s: HRN EN 508-1:2021

HRN EN 508-3:2008 en
Krovopokrivački proizvodi od lima – Specifikacija za samonosive proizvode od čeličnog, aluminijskog ili nehrđajućeg čeličnog lima – 3. dio: Nehrđajući čelik (EN 508-3:2008)
Roofing products from metal sheet – Specification for self-supporting products of steel, aluminium or stainless steel sheet – Part 3: Stainless steel (EN 508-3:2008)
- zamijenjena s: HRN EN 508-3:2021

HZN/TO 528, Oprema za željeznice

HRN EN 16704-1:2017 en
Željeznički sustav – Željeznički gornji ustroj – Sigurnosna zaštita na kolosijeku tijekom radova – 1. dio: Sigurnosni rizici i zajednička načela za zaštitu stabilnih i pokretnih radilišta (EN 16704-1:2016)
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 (EN 16704-1:2016)
- zamijenjena s: HRN EN 16704-1:2021

HRN EN 16704-3:2016 en
Željeznički sustav – Željeznički gornji ustroj – Sigurnosna zaštita na kolosijeku tijekom radova – 3. dio: Osposobljenost osoblja za rad na kolosijeku ili uz kolosijek (EN 16704-3:2016)
Railway applications – Track – Safety protection on the track during work – Part 3: Competences of personnel related to work on or near tracks (EN 16704-3:2016)
- zamijenjena s: HRN EN 16704-3:2021

HZN/TO 533, Kolničke konstrukcije

HRN EN 13286-41:2003 en
Nevezane i hidrauličnim vezivom vezane mješavine – 41. dio: Ispitna metoda za određivanje tlačne čvrstoće hidrauličnim vezivom vezanih mješavina (EN 13286-41:2003)
Unbound and hydraulically bound mixtures – Part 41: Test method for the determination of the compressive strength of hydraulically bound mixtures (EN 13286-41:2003)
- zamijenjena s: HRN EN 13286-41:2021

HZN/TO 541, Sustavi grijanja, ventilacije i klimatizacije u građevinama

HRN EN 16480:2016 en
Pumpe – Minimalna potrebna učinkovitost za rotacijske pumpe za vodu (EN 16480:2016)
Pumps – Minimum required efficiency of rotodynamic water pumps (EN 16480:2016)
- zamijenjena s: HRN EN 16480:2021

HZN/TO 549, Svjetlo i rasvjeta

HRN EN 13032-3:2008 en
Svjetlo i rasvjeta – Mjerenje i prikaz fotometričkih podataka izvora svjetla i rasvjetnih tijela – 3. dio: Prikaz podataka za nužnu rasvjetu radnih prostora (EN 13032-3:2007)
Light and lighting – Measurement and presentation of photometric data of lamps and luminaires – Part 3: Presentation of data for emergency lighting of work places (EN 13032-3:2007)
- zamijenjena s: HRN EN 13032-3:2021

HZN/TO 551, Gradnja

HRN EN ISO 10591:2008 en
Gradnja zgrada – Brtvila – Određivanje svojstava adhezije/kohezije brtvila nakon uranjanja u vodu (ISO 10591:2005; EN ISO 10591:2005)
Building construction – Sealants – Determination of adhesion/cohesion properties of sealants after immersion in water (ISO 10591:2005; EN ISO 10591:2005)
- zamijenjena s: HRN EN ISO 10591:2021

HRN EN ISO 11432:2008 en
Gradnja zgrada – Brtvila – Određivanje tlačne otpornosti (ISO 11432:2005; EN ISO 11432:2005)
Building construction – Sealants – Determination of resistance to compression (ISO 11432:2005; EN ISO 11432:2005)
- zamijenjena s: HRN EN ISO 11432:2021

HZN/TO 555, Medicinski proizvodi

HRN EN ISO 16256:2012 en
Klinička laboratorijska ispitivanja i dijagnostički ispitni sustavi in vitro – Referentna metoda za ispitivanje aktivnosti antimikrobnih agensa protiv kvasaca iz gljivica koji uzrokuju infektivne bolesti in vitro (ISO 16256:2012; EN ISO 16256:2012)
Clinical laboratory testing and in vitro diagnostic test systems – Reference method for testing the in vitro activity of antimicrobial agents against yeast of fungi involved in infectious diseases (ISO 16256:2012; EN ISO 16256:2012)
- zamijenjena s: HRN EN ISO 16256:2021

HZN/TO 557, Zaštitna odjeća

HRN EN 13138-1:2014 en
Plutajuća pomagala za poduku plivanja – 1. dio: Sigurnosni zahtjevi i ispitne metode za plutajuća pomagala koja se oblače (EN 13138-1:2014)
Buoyant aids for swimming instruction – Part 1: Safety requirements and test methods for buoyant aids to be worn (EN 13138-1:2014)
- zamijenjena s: HRN EN 13138-1:2021

HRN EN 13138-2:2015 en
Plutajuća pomagala za poduku plivanja – 2. dio: Sigurnosni zahtjevi i ispitne metode za plutajuća pomagala koja se pridržavaju (EN 13138-2:2014)
Buoyant aids for swimming instruction – Part 2: Safety requirements and test methods for buoyant aids to be held (EN 13138-2:2014)
- zamijenjena s: HRN EN 13138-2:2021

HRN EN 13138-3:2015 en
Plutajuća pomagala za poduku plivanja – 3. dio: Sigurnosni zahtjevi i metode ispitivanja za kolutove sa sjedalom za plivanje koja se oblače (EN 13138-3:2014)
Buoyant aids for swimming instruction – Part 3: Safety requirements and test methods for swim seats to be worn (EN 13138-3:2014)
- zamijenjena s: HRN EN 13138-3:2021

HZN/TO 559, Zaporni, regulacijski i sigurnosni uređaji

HRN EN 12516-2:2014 en
Industrijski zaporni uređaji – Projektna čvrstoća kućišta – 2. dio: Metoda proračuna za kućišta zapornih uređaja od čelika (EN 12516-2:2014)
Industrial valves – Shell design strength – Part 2: Calculation method for steel valve shells (EN 12516-2:2014)
- zamijenjena s: HRN EN 12516-2:2021

HZN/TO 560, Tekstilni proizvodi

HRN EN ISO 4674-2:2008 en

Plošne tekstilije naslojene gumom ili plastikom – Određivanje otpornosti na daljnje trganje – 2. dio: Metoda s padajućim klatnom (ISO 4674-2:1998; EN ISO 4674-2:1998)
Rubber- or plastics-coated fabrics – Determination of tear resistance – Part 2: Ballistic pendulum method (ISO 4674-2:1998; EN ISO 4674-2:1998)
- zamijenjena s: HRN EN ISO 4674-2:2021

HZN/TO 561, Kotlovi, posude pod tlakom, cjevovodi i plinske boce

HRN EN 1439:2017 en

Oprema i pribor za UNP – Postupak provjere prenosivih, ponovno punjivih boca za UNP prije punjenja, tijekom punjenja i nakon punjenja (EN 1439:2017)
LPG equipment and accessories – Procedure for checking transportable refillable LPG cylinders before, during and after filling (EN 1439:2017)
- zamijenjena s: HRN EN 1439:2021

HZN/TO 562, Alatni strojevi i alati

HRN EN 12012-4:2020 en

Strojevi za gumu i plastiku – Strojevi za usitnjavanje – 4. dio: Sigurnosni zahtjevi za drobilice (EN 12012-4:2019)
Plastics and rubber machines – Size reduction machines – Part 4: Safety requirements for agglomerators (EN 12012-4:2019)
- zamijenjena s: HRN EN 12012-4:2021

HZN/TO 568, Analiza hrane – horizontalne metode, mikrobiologija, posuđe i pribor u kontaktu s hranom

HRS ISO/TS 21569-2:2013 en

Horizontalne metode za analizu molekularnim biomarkerima – Metode analize za dokazivanje prisutnosti genetički modificiranih organizama i od njih dobivenih proizvoda – 2. dio: Construct specifična PCR metoda u stvarnom vremenu za otkrivanje prisutnosti FP967 u lanenom sjemenu i proizvodima od lana (ISO/TS 21569-2:2012)
Horizontal methods for molecular biomarker analysis – Methods of analysis for the detection of genetically modified organisms and derived products – Part 2: Construct-specific real-time PCR method for detection of event FP967 in linseed and linseed products (ISO/TS 21569-2:2012)
- zamijenjena s: HRS ISO/TS 21569-2:2021

HZN/TO 577, Metode ispitivanja za karakterizaciju krutih i tekućih sastavnica i opterećenja okoliša

HRN EN 15216:2008 en

Karakterizacija otpada – Određivanje ukupno otopljenih krutina (TDS) u vodi i eluatima (EN 15216:2007)
Characterization of waste – Determination of total dissolved solids (TDS) in water and eluates (EN 15216:2007)
- zamijenjena s: HRN EN 15216:2021

HZN/TO E10, Fluidi za primjenu u elektrotehnici

HRN EN 60376:2007 en

Specifikacija tehničkog stupnja sumpornog heksafluorida za uporabu u električnoj opremi (IEC 60376:2005; EN 60376:2005)
Specification of technical grade sulfur hexafluoride (SF6) for use in electrical equipment (IEC 60376:2005; EN 60376:2005)
- zamijenjena s: HRN EN IEC 60376:2019

HRN EN 61125/A1:2005 en

Nove izolacijske tekućine na bazi ugljikovodika – Metode ispitivanja za procjenu oksidacijske stabilnosti (IEC 61125:1992/am1:2004; EN 61125:1993/A1:2004)
Unused hydrocarbon based insulating liquids – Test methods for evaluating the oxidation stability (IEC 61125:1992/am1:2004; EN 61125:1993/A1:2004)
- zamijenjena s: HRN EN IEC 61125:2018

HRN EN 61125:2005 en

Nove izolacijske tekućine na bazi ugljikovodika – Metode ispitivanja za procjenu oksidacijske stabilnosti (IEC 61125:1992+Corr.1:1992; EN 61125:1993)
Unused hydrocarbon based insulating liquids – Test methods for evaluating the oxidation stability (IEC 61125:1992+Corr.1:1992; EN 61125:1993)
- zamijenjena s: HRN EN IEC 61125:2018

HZN/TO E31, Eksplozivne atmosfere

HRN EN 13821:2004 en

Eksplozivne atmosfere – Sprječavanje eksplozije i zaštita – Određivanje najmanje energije paljenja smjesa prašina/zrak (EN 13821:2002)
Potentially explosive atmospheres – Explosion prevention and protection – Determination of minimum ignition energy of dust/air mixtures (EN 13821:2002)
- zamijenjena s: HRN EN ISO/IEC 80079-20-2:2016

HRN EN 14373:2006 en

Sustavi sprječavanja eksplozije (EN 14373:2005)
Explosion suppression systems (EN 14373:2005)
- zamijenjena s: HRN EN 14373:2021

HZN/TO E34, Žarulje, svjetiljke i pripadna oprema

HRN EN 60598-2-22:2008 en

Svjetiljke – Dio 2-22: Posebni zahtjevi – Svjetiljke za rasvjetu u slučaju opasnosti (IEC 60598-2-22:1997, MOD+am1:2002+am2:2008; EN 60598-2-22:1998+A1:2003+A2:2008)
Luminaires – Part 2-22: Particular requirements – Luminaires for emergency lighting (IEC 60598-2-22:1997, MOD+am1:2002+am2:2008; EN 60598-2-22:1998+A1:2003+A2:2008)
- zamijenjena s: HRN EN 60598-2-22:2015

HRN EN 60598-2-22:2008/Ispr.1:2012 en

Svjetiljke – Dio 2-22: Posebni zahtjevi – Svjetiljke za rasvjetu u slučaju opasnosti (EN 60598-2-22:1998/AC:1999)
Luminaires – Part 2-22: Particular requirements – Luminaires for emergency lighting (EN 60598-2-22:1998/AC:1999)
- zamijenjena s: HRN EN 60598-2-22:2015

HRN EN 60598-2-22:2008/Ispr.2:2012 en

Svjetiljke – Dio 2-22: Posebni zahtjevi – Svjetiljke za rasvjetu u slučaju opasnosti (EN 60598-2-22:1998/AC:2005)
Luminaires – Part 2-22: Particular requirements – Luminaires for emergency lighting (EN 60598-2-22:1998/AC:2005)
- zamijenjena s: HRN EN 60598-2-22:2015

HRN EN 60598-2-22:2008/Ispr.3:2012 en

Svjetiljke – Dio 2-22: Posebni zahtjevi – Svjetiljke za rasvjetu u slučaju opasnosti (EN 60598-2-22:1998/AC:2007)
Luminaires – Part 2-22: Particular requirements – Luminaires for emergency lighting (EN 60598-2-22:1998/AC:2007)
- zamijenjena s: HRN EN 60598-2-22:2015

HZN/TO E57, Upravljanje energetskim sustavom i pridružene komunikacije

HRN EN 61968-9:2011 en

Integracija aplikacija u elektroprivredi – Sučelja za sustave upravljanja u distribuciji – 9. dio: Sučelje za očitavanje i upravljanje brojilima (IEC 61968-9:2009; EN 61968-9:2009)
Application integration at electric utilities – System interfaces for distribution management – Part 9: Interface for meter reading and control (IEC 61968-9:2009; EN 61968-9:2009)
- zamijenjena s: HRN EN 61968-9:2014

HRN EN 61970-453:2011 en

Sučelje za aplikacije vođenja elektroenergetskog sustava (EMS-API) 453. dio: Izmjena grafičkih podataka utemeljena na CIM-u (IEC 61970-453:2008; EN 61970-453:2008)
Energy management system application program interface (EMS-API) – Part 453: CIM based graphics exchange (IEC 61970-453:2008; EN 61970-453:2008)
- zamijenjena s: HRN EN 61970-453:2014

HZN/TO E61, Sigurnost električnih kućanskih i sličnih aparata

HRN EN 60335-2-31:2005 en

Kućanski i slični električni aparati – Sigurnost – Dio 2-31: Posebni zahtjevi za kuhinjske usisne kape (IEC 60335-2-31:2002; EN 60335-2-31:2003)
Household and similar electrical appliances – Safety – Part 2-31: Particular requirements for range hoods (IEC 60335-2-31:2002; EN 60335-2-31:2003)
- zamijenjena s: HRN EN 60335-2-31:2015

HRN EN 60335-2-31:2005/A1:2008 en

Kućanski i slični električni aparati – Sigurnost – Dio 2-31: Posebni zahtjevi za kuhinjske usisne kape (IEC 60335-2-31:2002/am1:2006; EN 60335-2-31:2003/A1:2006)
Household and similar electrical appliances – Safety – Part 2-31: Particular requirements for range hoods (IEC 60335-2-31:2002/am1:2006; EN 60335-2-31:2003/A1:2006)
- zamijenjena s: HRN EN 60335-2-31:2015

HRN EN 60335-2-31:2005/A2:2011 en
Kućanski i slični električni aparati – Sigurnost – Dio 2-31: Posebni zahtjevi za kuhinjske usisne nape (IEC 60335-2-31:2002/am2:2008; EN 60335-2-31:2003/A2:2009)
Household and similar electrical appliances – Safety – Part 2-31: Particular requirements for range hoods and other cooking fume extractors (IEC 60335-2-31:2002/am2:2008; EN 60335-2-31:2003/A2:2009)
- zamijenjena s: HRN EN 60335-2-31:2015

HRN EN 60335-2-31:2005/lpr.1:2014 en
Kućanski i slični električni aparati – Sigurnost – Dio 2-31: Posebni zahtjevi za kuhinjske usisne nape (EN 60335-2-31:2003/AC:2005)
Household and similar electrical appliances – Safety – Part 2-31: Particular requirements for range hoods and other cooking fume extractors (EN 60335-2-31:2003/AC:2005)
- zamijenjena s: HRN EN 60335-2-31:2015

HZN/TO E64, Električne instalacije i zaštita od električnog udara

HRN HD 384.7.753 S1:2004 en
Električne instalacije zgrada – 7. dio: Zahtjevi za posebne instalacije ili prostore – 753. odjeljak: Podni i stropni sustavi grijanja (HD 384.7.753 S1:2002)
Electrical installations of buildings – Part 7: Requirements for special installations or locations – Section 753: Floor and ceiling heating systems (HD 384.7.753 S1:2002)
- zamijenjena s: HRN HD 60364-7-753:2015

HZN/TO E95, Mjerni releji i zaštitna oprema

HRN EN 60255-5:2008 en
Električni releji – 5. dio: Koordinacija izolacije za mjerne releje i zaštitnu opremu – Zahtjevi i ispitivanja (IEC 60255-5:2000; EN 60255-5:2001)
Electrical relays – Part 5: Insulation coordination for measuring relays and protection equipment – Requirements and tests (IEC 60255-5:2000; EN 60255-5:2001)
- zamijenjena s: HRN EN 60255-27:2014

HRN EN 60255-27:2008 en
Mjerni releji i zaštitna oprema – 27. dio: Zahtjevi na sigurnost proizvoda (IEC 60255-27:2005; EN 60255-27:2005)
Measuring relays and protection equipment – Part 27: Product safety requirements (IEC 60255-27:2005; EN 60255-27:2005)
- zamijenjena s: HRN EN 60255-27:2014

HZN/TO E106, Elektromagnetska polja u ljudskome okolišu

HRN EN 50383:2012 en
Osnovna norma za proračun i mjerenje jakosti elektromagnetskog polja i gustoće apsorbirane snage koja se odnosi na izloženost ljudi radijskim baznim postajama i nepokretnim krajnjim postajama u bežičnim telekomunikacijskim sustavima (110 MHz - 40 GHz) (EN 50383:2010)
Basic standard for the calculation and measurement of electromagnetic field strength and SAR related to human exposure from radio base stations and fixed terminal stations for wireless telecommunication systems (110 MHz - 40 GHz) (EN 50383:2010)
- zamijenjena s: HRN EN 62232:2018

HRN EN 50383:2012/lpr.1:2013 en
Osnovna norma za proračun i mjerenje jakosti elektromagnetskog polja i gustoće apsorbirane snage koja se odnosi na izloženost ljudi radijskim baznim postajama i nepokretnim krajnjim postajama u bežičnim telekomunikacijskim sustavima (110 MHz - 40 GHz) (EN 50383:2010/AC:2013)
Basic standard for the calculation and measurement of electromagnetic field strength and SAR related to human exposure from radio base stations and fixed terminal stations for wireless telecommunication systems (110 MHz - 40 GHz) (EN 50383:2010/AC:2013)
- zamijenjena s: HRN EN 62232:2018

HRN EN 50492:2012 en
Osnovna norma za in-situ mjerenja jakosti elektromagnetskog polja s obzirom na izloženost ljudi u blizini baznih postaja (EN 50492:2008)
Basic standard for the in-situ measurement of electromagnetic field strength related to human exposure in the vicinity of base stations (EN 50492:2008)
- zamijenjena s: HRN EN 62232:2018

HRN EN 50492:2012/A1:2014 en
Osnovna norma za in-situ mjerenja jakosti elektromagnetskog polja s obzirom na izloženost ljudi u blizini baznih postaja (EN 50492:2008/A1:2014)
Basic standard for the in-situ measurement of electromagnetic field strength related to human exposure in the vicinity of base stations (EN 50492:2008/A1:2014)
- zamijenjena s: HRN EN 62232:2018

HZN/TU C1, Kemikalije, kemijsko inženjerstvo, poljoprivredni i prehrambeni proizvodi 1

HRN EN 13523-0:2014 en
Prevučeni metali u namotajima – Metode ispitivanja – 0. dio: Opći uvod (EN 13523-0:2014)
Coil coated metals – Test methods – Part 0: General introduction (EN 13523-0:2014)
- zamijenjena s: HRN EN 13523-0:2021

HRN EN 13523-2:2014 en
Prevučeni metali u namotajima – Metode ispitivanja – 2. dio: Sjajnost (EN 13523-2:2014)
Coil coated metals – Test methods – Part 2: Gloss (EN 13523-2:2014)
- zamijenjena s: HRN EN 13523-2:2021

HRN EN 13523-3:2014 en
Prevučeni metali u namotajima – Metode ispitivanja – 3. dio: Razlika u boji – Usporedba s pomoću instrumenta (EN 13523-3:2014)
Coil coated metals – Test methods – Part 3: Colour difference – Instrumental comparison (EN 13523-3:2014)
- zamijenjena s: HRN EN 13523-3:2021

HRN EN 13523-7:2014 en
Prevučeni metali u namotajima – Metode ispitivanja – 7. dio: Otpornost na pojavu pukotina tijekom savijanja (T- postupak savijanja) (EN 13523-7:2014)
Coil coated metals – Test methods – Part 7: Resistance to cracking on bending (T-bend test) (EN 13523-7:2014)
- zamijenjena s: HRN EN 13523-7:2021

HRN EN 13523-15:2015 en
Prevučeni metali u namotajima – Metode ispitivanja – 15. dio: Metamerizam (EN 13523-15:2015)
Coil coated metals – Test methods – Part 15: Metamerism (EN 13523-15:2015)
- zamijenjena s: HRN EN 13523-3:2021

HZN/TU I2, Strojarstvo 2

HRN EN 13019:2009 en
Strojevi za površinsko čišćenje cesta – Sigurnosni zahtjevi (EN 13019:2001+A1:2008)
Machines for road surface cleaning – Safety requirements (EN 13019:2001+A1:2008)
- zamijenjena s: HRN EN 17106-1:2021, HRN EN 17106-2:2021, HRN EN 17106-3-1:2021, HRN EN 17106-3-2:2021, HRN EN 17106-4:2021

HRN EN 13021:2009 en
Strojevi za usluge zimskog održavanja cesta – Sigurnosni zahtjevi (EN 13021:2003+A1:2008)
Winter service machines – Safety requirements (EN 13021:2003+A1:2008)
- zamijenjena s: HRN EN 17106-1:2021, HRN EN 17106-2:2021, HRN EN 17106-3-1:2021, HRN EN 17106-3-2:2021, HRN EN 17106-4:2021

HRN EN 13524:2014 en
Strojevi za održavanje autocesta – Sigurnosni zahtjevi (EN 13524:2003+A2:2014)
Highway maintenance machines – Safety requirements (EN 13524:2003+A2:2014)
- zamijenjena s: HRN EN 17106-1:2021, HRN EN 17106-2:2021, HRN EN 17106-3-1:2021, HRN EN 17106-3-2:2021, HRN EN 17106-4:2021

HZN/TU S1, Zdravlje, okoliš i medicinska oprema 1

HRN EN ISO 10535:2008 en
Dizala za prijevoz osoba s invaliditetom – Zahtjevi i metode ispitivanja (ISO 10535:2006; EN ISO 10535:2006)
Hoists for the transfer of disabled persons – Requirements and test methods (ISO 10535:2006; EN ISO 10535:2006)
- zamijenjena s: HRN EN ISO 10535:2021

HZN/TU T1, *Prijevoz, rukovanje materijalima i pakiranje 1*

HRN EN 415-3:2010 en
Sigurnost strojeva za pakiranje – 3. dio: Strojevi za oblikovanje, punjenje i brtvljenje (EN 415-3:1999+A1:2009)
Safety of packaging machines – Part 3: Form, fill and seal machines (EN 415-3:1999+A1:2009)
- zamijenjena s: HRN EN 415-3:2021

HRN EN ISO 3691-6:2015 en
Industrijska vozila – Sigurnosni zahtjevi i verifikacija – 6. dio: Vozila za prijevoz tereta i osoblja (ISO 3691-6:2013; EN ISO 3691-6:2015)
Industrial trucks – Safety requirements and verification – Part 6: Burden and personnel carriers (ISO 3691-6:2013; EN ISO 3691-6:2015)
- zamijenjena s: HRN EN ISO 3691-6:2021

HRN EN ISO 3691-6:2015/Ispr.1:2016 en
Industrijska vozila – Sigurnosni zahtjevi i verifikacija – 6. dio: Vozila za prijevoz tereta i osoblja (EN ISO 3691-6:2015/AC:2016)
Industrial trucks – Safety requirements and verification – Part 6: Burden and personnel carriers (EN ISO 3691-6:2015/AC:2016)
- zamijenjena s: HRN EN ISO 3691-6:2021

HRN EN 4613:2011 en
Nizovi o zrakoplovstvu – Kuglasti klizni ležajevi od čelika otpornog na koroziju sa samopodmazujućim prstenom, uske serije – Dimenzije i opterećenja – Nizovi u inčima (EN 4613:2009)
Aerospace series – Spherical plain bearings in corrosion resisting steel with self-lubricating liner, narrow series – Dimensions and loads – Inch series (EN 4613:2009)
- zamijenjena s: HRN EN 4613:2021

HRN EN 4614:2011 en
Nizovi o zrakoplovstvu – Kuglasti klizni ležajevi od čelika otpornog na koroziju sa samopodmazujućim prstenom, široke serije – Dimenzije i opterećenja – Nizovi u inčima (EN 4614:2009)
Aerospace series – Spherical plain bearings in corrosion resisting steel with self-lubricating liner, wide series – Dimensions and loads – Inch series (EN 4614:2009)
- zamijenjena s: HRN EN 4614:2021

1.6 Ispravci hrvatskih norma

U popisima hrvatskih norma objavljenim u ranijim brojevima službenog glasila potkrale su se pogreške. Niže navodimo ispravne oznake i naslove hrvatskih norma. Navedeni ispravci smatraju se službenom informacijom i nisu nužno uključeni u norme koje su prethodno objavljene.

HZN/TO 546, *Očuvanje kulturne baštine*

- **umjesto**

HRN EN 17543:2021
Očuvanje kulturne baštine – **Završne obloge** u graditeljskoj baštini – Istraživanje i dokumentiranje (EN 17543:2021)
Conservation of Cultural Heritage – Finishes of built heritage – Investigation and documentation (EN 17543:2021)

- **treba biti**

HRN EN 17543:2021
Očuvanje kulturne baštine – **Završna obrada površina** u graditeljskoj baštini – Istraživanje i dokumentiranje (EN 17543:2021)
Conservation of Cultural Heritage – Finishes of built heritage – Investigation and documentation (EN 17543:2021)

HZN/TO E9, *Električna oprema za željeznicu*

- **umjesto**

HRN EN 50129:2007
Željeznički sustav – Komunikacijska i signalna tehnika i sustavi **obradbe** podataka – **Sa sigurnošću povezani elektronički** sustavi za signalnu tehniku (EN 50129:2003)
Railway applications – Communication, signalling and processing systems – Safety related electronic systems for signalling (EN 50129:2003)

- **treba biti**

HRN EN 50129:2007
Željeznički sustav – Komunikacijska i signalna tehnika i sustavi **obrade** podataka – **Elektronički** sustavi za signalnu tehniku **povezani sa sigurnošću** (EN 50129:2003)
Railway applications – Communication, signalling and processing systems – Safety related electronic systems for signalling (EN 50129:2003)

- **umjesto**

HRN EN 50129:2007/Ispr.1:2014
Željeznički sustav – Komunikacijska i signalna tehnika i sustavi **obradbe** podataka – **Sa sigurnošću povezani elektronički** sustavi za signalnu tehniku (EN 50129:2003/AC:2010)
Railway applications – Communication, signalling and processing systems – Safety related electronic systems for signalling (EN 50129:2003/AC:2010)

- **treba biti**

HRN EN 50129:2007/Ispr.1:2014
Željeznički sustav – Komunikacijska i signalna tehnika i sustavi **obrade** podataka – **Elektronički** sustavi za signalnu tehniku **povezani sa sigurnošću** (EN 50129:2003/AC:2010)
Railway applications – Communication, signalling and processing systems – Safety related electronic systems for signalling (EN 50129:2003/AC:2010)

HZN/TO E14, *Energetski transformatori*

- **umjesto**

HRN EN 50588-2:2018
Srednjeenergetski transformatori, 50 Hz, najvećeg napona opreme koji ne prelazi 36 kV – 2. dio: Transformatori s kabelskim kutijama na visokonaponskoj i/ili niskonaponskoj strani – Opći zahtjevi za transformatore nazivne snage koja je manja ili jednaka 3150 kVA (EN 50588-2:2018)
Medium power transformers 50 Hz, with highest voltage for equipment not exceeding 36 kV – Part 2: Transformers with cable boxes on the high-voltage and/or low-voltage side – General requirements for transformers with rated power less than or equal to 3 150 kVA (EN 50588-2:2018)

- **treba biti**

HRN EN 50588-2:2018
Energetski transformatori srednjih snaga, 50 Hz, najvećeg napona opreme koji ne prelazi 36 kV – 2. dio: Transformatori s kabelskim kutijama na visokonaponskoj i/ili niskonaponskoj strani – Opći zahtjevi za transformatore nazivne snage koja je manja ili jednaka 3150 kVA (EN 50588-2:2018)
Medium power transformers 50 Hz, with highest voltage for equipment not exceeding 36 kV – Part 2: Transformers with cable boxes on the high-voltage and/or low-voltage side – General requirements for transformers with rated power less than or equal to 3 150 kVA (EN 50588-2:2018)

- **umjesto**

HRN EN 50588-3:2018
Srednjeenergetski transformatori, 50 Hz, najvećeg napona opreme koji ne prelazi 36 kV – 3. dio: Transformatori s kabelskim kutijama na visokonaponskoj i/ili niskonaponskoj strani – Kabelske kutije tipa 1 za upotrebu na transformatorima koji udovoljavaju zahtjevima norme EN 50588-2 (EN 50588-3:2018)
Medium power transformers 50 Hz, with highest voltage for equipment not exceeding 36 kV – Part 3: Transformers with cable boxes on the high-voltage and/or low-voltage side – Cable boxes type 1 for use on transformers meeting the requirements of EN 50588-2 (EN 50588-3:2018)

- **treba biti**

HRN EN 50588-3:2018
Energetski transformatori srednjih snaga, 50 Hz, najvećeg napona opreme koji ne prelazi 36 kV – 3. dio: Transformatori s kabelskim kutijama na visokonaponskoj i/ili niskonaponskoj strani – Kabelske kutije tipa 1 za upotrebu na transformatorima koji udovoljavaju zahtjevima norme EN 50588-2 (EN 50588-3:2018)
Medium power transformers 50 Hz, with highest voltage for equipment not exceeding 36 kV – Part 3: Transformers with cable boxes on the high-voltage and/or low-voltage side – Cable boxes type 1 for use on transformers meeting the requirements of EN 50588-2 (EN 50588-3:2018)

- **umjesto**
HRN EN 50588-4:2018

Srednjeenergetski transformatori, 50 Hz, najvećeg napona opreme koji ne prelazi 36 kV – 4. dio: Transformatori s kabelskim kutijama na visokonaponskoj i/ili niskonaponskoj strani – Kabelske kutije tipa 2 za upotrebu na transformatorima koji udovoljavaju zahtjevima norme EN 50588-2 (EN 50588-4:2018)
Medium power transformers 50 Hz, with highest voltage for equipment not exceeding 36 kV – Part 4: Transformers with cable boxes on the high-voltage and/or low-voltage side – Cable boxes type 2 for use on transformers meeting the requirements of EN 50588-2 (EN 50588-4:2018)

- **treba biti**
HRN EN 50588-4:2018

Energetski transformatori srednjih snaga, 50 Hz, najvećeg napona opreme koji ne prelazi 36 kV – 4. dio: Transformatori s kabelskim kutijama na visokonaponskoj i/ili niskonaponskoj strani – Kabelske kutije tipa 2 za upotrebu na transformatorima koji udovoljavaju zahtjevima norme EN 50588-2 (EN 50588-4:2018)
Medium power transformers 50 Hz, with highest voltage for equipment not exceeding 36 kV – Part 4: Transformers with cable boxes on the high-voltage and/or low-voltage side – Cable boxes type 2 for use on transformers meeting the requirements of EN 50588-2 (EN 50588-4:2018)

HZN/TU U1, Opća elektrotehnika 1

- **umjesto**

HRN EN 60068-2-1:2008

Ispitivanje utjecaja okoliša – Dio 2-1: Ispitivanja – **Ispitivanje: Hladnoća** (IEC 60068-2-1:2007; EN 60068-2-1:2007)
Environmental testing – Part 2-1: Tests – Test A: Cold (IEC 60068-2-1:2007; EN 60068-2-1:2007)

- **treba biti**

HRN EN 60068-2-1:2008

Ispitivanje utjecaja okoliša – Dio 2-1: Ispitivanja – **A ispitivanje: Hladnoća** (IEC 60068-2-1:2007; EN 60068-2-1:2007)
Environmental testing – Part 2-1: Tests – Test A: Cold (IEC 60068-2-1:2007; EN 60068-2-1:2007)

- **umjesto**

HRN EN 60068-3-1:2013

Ispitivanje utjecaja okoliša – Dio 3-1: Popratna dokumentacija i upute – **Toplinska ispitivanja na hladno i suho** (IEC 60068-3-1:2011; EN 60068-3-1:2011)
Environmental testing – Part 3-1: Supporting documentation and guidance – Cold and dry heat tests (IEC 60068-3-1:2011; EN 60068-3-1:2011)

- **treba biti**

HRN EN 60068-3-1:2013

Ispitivanje utjecaja okoliša – Dio 3-1: Popratna dokumentacija i upute – **Ispitivanje hladnoćom i suhom toplinom** (IEC 60068-3-1:2011; EN 60068-3-1:2011)
Environmental testing – Part 3-1: Supporting documentation and guidance – Cold and dry heat tests (IEC 60068-3-1:2011; EN 60068-3-1:2011)

- **umjesto**

HRN EN 60068-3-7:2008

Ispitivanje utjecaja okoliša – Dio 3-7: Popratna dokumentacija i upute – Mjerenja **temperature u komorama** za A i B ispitivanja (s opterećenjem) (IEC 60068-3-7:2001; EN 60068-3-7:2002)
Environmental testing – Part 3-7: Supporting documentation and guidance – Measurements in temperature chambers for tests A and B (with load) (IEC 60068-3-7:2001; EN 60068-3-7:2002)

- **treba biti**

HRN EN 60068-3-7:2008

Ispitivanje utjecaja okoliša – Dio 3-7: Popratna dokumentacija i upute – Mjerenja **u temperaturnim komorama** za A i B ispitivanja (s opterećenjem) (IEC 60068-3-7:2001; EN 60068-3-7:2002)
Environmental testing – Part 3-7: Supporting documentation and guidance – Measurements in temperature chambers for tests A and B (with load) (IEC 60068-3-7:2001; EN 60068-3-7:2002)

1.10 Prijevodi hrvatskih normativnih dokumenata

HZN/TO 44, Zavarivanje i srodni postupci

Sljedeća hrvatska norma objavljena na engleskome jeziku sada je dostupna i na hrvatskome jeziku:

HRN EN ISO 15614-1:2017 hr-en pr-pp
Specifikacija i kvalifikacija postupaka zavarivanja za metalne materijale – Ispitivanje postupka zavarivanja – 1. dio: Elektrolučno i plinsko zavarivanje čelika i elektrolučno zavarivanje nikla i legura nikla (ISO 15614-1:2017, ispravljena verzija 2017-10-01; EN ISO 15614-1:2017)
Specification and qualification of welding procedures for metallic materials – Welding procedure test – Part 1: Arc and gas welding of steels and arc welding of nickel and nickel alloys (ISO 15614-1:2017, Corrected version 2017-10-01; EN ISO 15614-1:2017)

HZN/TO 508, Ambalaža i pakiranje

Sljedeće hrvatske norme objavljene na engleskome jeziku sada su dostupne i na hrvatskome jeziku:

HRN EN 13427:2007 hr-en pr-pp
Ambalaža – Zahtjevi za upotrebu europskih norma u području ambalaže i ambalažnog otpada (EN 13427:2004)
Packaging – Requirements for the use of European Standards in the field of packaging and packaging waste (EN 13427:2004)

HRN EN 13428:2007 hr-en pr-pp
Ambalaža – Zahtjevi specifični za proizvodnju i sastav ambalaže – Prevencija smanjenjem potrošnje resursa (EN 13428:2004)
Packaging – Requirements specific to manufacturing and composition – Prevention by source reduction (EN 13428:2004)

HRN EN 13429:2007 hr-en pr-pp
Ambalaža – Ponovna uporaba (EN 13429:2004)
Packaging – Reuse (EN 13429:2004)

HRN EN 13430:2007 hr-en pr-pp
Ambalaža – Zahtjevi za ambalažu pogodnu za materijalno recikliranje (EN 13430:2004)
Packaging – Requirements for packaging recoverable by material recycling (EN 13430:2004)

HRN EN 13431:2007 hr-en pr-pp
Ambalaža – Zahtjevi za energijski oporabivu ambalažu, uključujući specifikaciju minimalne donje ogrjevne vrijednosti (EN 13431:2004)
Packaging – Requirements for packaging recoverable in the form of energy recovery, including specification of minimum inferior calorific value (EN 13431:2004)

HRN EN 13432:2003 hr-en pr-pp
Ambalaža – Zahtjevi za oporabivost ambalaže kompostiranjem i biorazgradnjom – Sheme ispitivanja i kriteriji prihvatljivosti ambalaže (EN 13432:2000)
Packaging – Requirements for packaging recoverable through composting and biodegradation – Test scheme and evaluation criteria for the final acceptance of packaging (EN 13432:2000)

HRN EN 13432/AC:2006 hr-en pr-pp
Ambalaža – Zahtjevi za oporabivost ambalaže kompostiranjem i biorazgradnjom – Sheme ispitivanja i kriteriji prihvatljivosti ambalaže (EN 13432:2000/AC:2005)
Packaging – Requirements for packaging recoverable through composting and biodegradation – Test scheme and evaluation criteria for the final acceptance of packaging (EN 13432:2000/AC:2005)

HZN/TO E9, Električna oprema za željeznicu

Sljedeća hrvatska norma objavljena na engleskome jeziku sada je dostupna i na hrvatskome jeziku:

HRN EN 50126-1:2017 hr-en pr-pp
Željeznički sustav – Specifikacija i prikaz pouzdanosti, raspoloživosti, mogućnosti održavanja i sigurnosti (RAMS) – 1. dio: Generički postupak RAMS-a (EN 50126-1:2017)
Railway Applications – The Specification and Demonstration of Reliability, Availability, Maintainability and Safety (RAMS) – Part 1: Generic RAMS Process (EN 50126-1:2017)

HZN/TO E85, Oprema za mjerenje električnih i elektromagnetskih veličina

Sljedeće hrvatske norme objavljene na engleskome jeziku sada su dostupne i na hrvatskome jeziku:

HRN EN 61557-2:2009 hr-en pr-pp
Električna sigurnost u niskonaponskim distribucijskim sustavima do 1000 V izmjenične struje i 1500 V istosmjerne struje – Oprema za ispitivanje, mjerenje ili nadzor zaštite – 2. dio: Otpor izolacije (IEC 61557-2:2007; EN 61557-2:2007)
Electrical safety in low voltage distribution systems up to 1000 V a.c. and 1500 V d.c. – Equipment for testing, measuring or monitoring of protective measures – Part 2: Insulation resistance (IEC 61557-2:2007; EN 61557-2:2007)

HRN EN 61557-4:2009 hr-en pr-pp
Električna sigurnost u niskonaponskim distribucijskim sustavima do 1000 V izmjenične struje i 1500 V istosmjerne struje – Oprema za ispitivanje, mjerenje ili nadzor zaštite – 4. dio: Otpor spoja za uzemljenje i izjednačavanje potencijala (IEC 61557-4:2007; EN 61557-4:2007)
Electrical safety in low voltage distribution systems up to 1000 V a.c. and 1500 V d.c. – Equipment for testing, measuring or monitoring of protective measures – Part 4: Resistance of earth connection and equipotential bonding (IEC 61557-4:2007; EN 61557-4:2007)

HRN EN 61557-5:2009 hr-en pr-pp
Električna sigurnost u niskonaponskim distribucijskim sustavima do 1000 V izmjenične struje i 1500 V istosmjerne struje – Oprema za ispitivanje, mjerenje ili nadzor zaštite – 5. dio: Otpor uzemljenja (IEC 61557-5:2007; EN 61557-5:2007)
Electrical safety in low voltage distribution systems up to 1000 V a.c. and 1500 V d.c. – Equipment for testing, measuring or monitoring of protective measures – Part 5: Resistance to earth (IEC 61557-5:2007; EN 61557-5:2007)

HRN EN 61557-10:2013 hr-en pr-pp
Električna sigurnost u niskonaponskim distribucijskim sustavima do 1000 V izmjenične struje i 1500 V istosmjerne struje – Oprema za ispitivanje, mjerenje ili nadzor zaštite – 10. dio: Kombinirana mjerna oprema za ispitivanje, mjerenje ili nadzor zaštite (IEC 61557-10:2013; EN 61557-10:2013)
Electrical safety in low voltage distribution systems up to 1000 V a.c. and 1500 V d.c. – Equipment for testing, measuring or monitoring of protective measures – Part 10: Combined measuring equipment for testing, measuring or monitoring of protective measures (IEC 61557-10:2013; EN 61557-10:2013)

HZN/TO E501, Elektroakustika i ultrazvuk

Sljedeća hrvatska norma objavljena na engleskome jeziku sada je dostupna i na hrvatskome jeziku:

HRN EN 60645-7:2012 hr-en pr-pp
Elektroakustika – Audiometrijska oprema – 7. dio: Instrumenti za mjerenje audio odziva moždanog debla (IEC 60645-7:2009; EN 60645-7:2010)
Electroacoustics – Audiometric equipment – Part 7: Instruments for the measurement of auditory brainstem responses (IEC 60645-7:2009; EN 60645-7:2010)

2 Rezultati međunarodne i europske normizacije

Europska normizacija (CEN)

Oznaka norme	Naslov norme	ICS	Datum objave
EN 81-22	Safety rules for the construction and installation of lifts – Lifts for the transport of persons and goods – Part 22: Passenger and goods passenger lifts with inclined travel path	91.140.90	2021-09
EN 603-3	Aluminium and aluminium alloys – Wrought forging stock – Part 3: Tolerances on dimensions and form	77.150.10	2021-09
EN 1397	Heat exchangers – Hydronic room fan coil units – Test procedures for establishing the performance	27.060.30	2021-09
EN 10132	Cold rolled narrow steel strip for heat treatment – Technical delivery conditions	77.140.10; 77.140.25; 77.140.50	2021-09
EN 12353	Chemical disinfectants and antiseptics – Preservation of test organisms used for the determination of bactericidal (including Legionella), mycobactericidal, sporicidal, fungicidal and virucidal (including bacteriophages) activity	11.080.20; 71.100.35	2021-09
EN 12447	Geotextiles and geotextile-related products – Screening test method for determining the resistance to hydrolysis in water	59.080.70	2021-09
EN 13012	Petrol filling stations – Construction and performance of automatic nozzles for use on fuel dispensers	75.200	2021-09
EN 13121-1	GRP tanks and vessels for use above ground – Part 1: Raw materials – Specification conditions and acceptance criteria	23.020.10	2021-09
EN 13329+A2	Laminate floor coverings – Elements with a surface layer based on aminoplastic thermosetting resins – Specifications, requirements and test methods	97.150	2021-09
EN 13480-3/A4	Metallic industrial piping – Part 3: Design and calculation	23.040.01	2021-09
EN 13611/AC	Safety and control devices for burners and appliances burning gaseous and/or liquid fuels – General requirements	23.060.40	2021-09
EN 13617-1	Petrol filling stations – Part 1: Safety requirements for construction and performance of metering pumps, dispensers and remote pumping units	75.200	2021-09
EN 13617-2	Petrol filling stations – Part 2: Safety requirements for construction and performance of safe breaks for use on metering pumps and dispensers	75.200	2021-09
EN 13617-3	Petrol filling stations – Part 3: Safety requirements for construction and performance of shear valves	75.200	2021-09
EN 13617-4	Petrol filling stations – Part 4: Safety requirements for construction and performance of swivels for use on metering pumps and dispensers	75.200	2021-09
EN 14908-8	Open Data Communication in Building Automation, Controls and Building Management – Control Network Protocol – Part 8: Communication using Broadband over Power Line Networks – with internet protocols	35.240.67; 91.140.01; 97.120	2021-09
EN 14908-9	Open Data Communication in Building Automation, Controls and Building Management – Control Network Protocol – Part 9: Wireless Communication in ISM bands	35.240.67; 91.140.01; 97.120	2021-09
EN 14972-14	Fixed firefighting systems – Water mist systems – Part 14: Test protocol for combustion turbines in enclosures exceeding 260 m ³ for open nozzle systems	13.220.20	2021-09
EN 14972-15	Fixed firefighting systems – Water mist systems – Part 15: Test protocol for combustion turbines in enclosures not exceeding 260 m ³ for open nozzle systems	13.220.20	2021-09

Oznaka norme	Naslov norme	ICS	Datum objave
EN 14978+A1	Laminate floor coverings – Elements with acrylic based surface layer, electron beam cured – Specifications, requirements and test methods	97.150	2021-09
EN 15199-4	Petroleum products – Determination of boiling range distribution by gas chromatography method – Part 4: Light fractions of crude oil	75.080	2021-09
EN 15468+A1	Laminate floor coverings – Elements with directly applied printing and resin surface layer – Specifications, requirements and test methods	97.150	2021-09
EN 16980-1	Photocatalysis – Continuous flow test methods – Part 1: Determination of the degradation of nitric oxide (NO) in the air by photocatalytic materials	13.040.20; 87.040; 87.060.20; 91.100.10	2021-09
EN 17035	Surface active agents – Bio-based surfactants – Requirements and test methods	71.100.40	2021-09
EN 17406+A1	Classification for bicycles usage	43.150	2021-09
EN 17410	Plastics – Controlled loop recycling of PVC-U profiles from windows and doors	13.030.50; 83.140.99; 91.060.50	2021-09
EN 17415-2	District cooling pipes – Bonded single pipe systems for directly buried cold water networks – Part 2: Factory made fitting assemblies of steel or plastic service pipe, polyurethane thermal insulation and a casing of polyethylene	23.040.99	2021-09
EN 17415-3	District cooling pipes – Bonded single pipe systems for directly buried cold water networks – Part 3: Factory made steel valve assembly for steel or plastic service pipe, polyurethane thermal insulation and a casing of polyethylene	23.040.99	2021-09
EN 17432	Packaged refrigerating units for walk-in cold rooms – Classification, performance and energy consumption testing	27.200	2021-09
EN 17507	Road vehicles – Portable Emission Measuring Systems (PEMS) – Performance assessment	43.180	2021-09
EN 17531	Reporting in support of supervision of online gambling services by the gambling regulatory authorities of the Member States	03.160; 35.240.99; 97.200.99	2021-09
EN 17556	Inland navigation vessels – Safety rota and safety plans for passenger vessels	47.060	2021-09
CWA 17796	Responsibility-by-design – Guidelines to develop long-term strategies (roadmaps) to innovate responsibly	03.100.02; 03.100.40	2021-09
EN 50710	Requirements for the provision of secure remote services for fire safety systems and security systems	13.220.20; 13.320; 33.200	2021-09
EN ISO 3381	Railway applications – Acoustics – Noise measurement inside railbound vehicles (ISO 3381:2021)	17.140.30; 45.020	2021-09
EN ISO 3834-1	Quality requirements for fusion welding of metallic materials – Part 1: Criteria for the selection of the appropriate level of quality requirements (ISO 3834-1:2021)	25.160.01	2021-09
EN ISO 5470-2	Rubber- or plastics-coated fabrics – Determination of abrasion resistance – Part 2: Martindale abrader (ISO 5470-2:2021)	59.080.40	2021-09
EN ISO 6717	In vitro diagnostic medical devices – Single-use containers for the collection of specimens from humans other than blood (ISO 6717:2021)	11.100.10	2021-09
EN ISO 6877	Dentistry – Endodontic obturating materials (ISO 6877:2021)	11.060.10	2021-09

Oznaka norme	Naslov norme	ICS	Datum objave
EN ISO 6888-1	Microbiology of the food chain – Horizontal method for the enumeration of coagulase-positive staphylococci (<i>Staphylococcus aureus</i> and other species) – Part 1: Method using Baird-Parker agar medium (ISO 6888-1:2021)	07.100.30	2021-09
EN ISO 6888-2	Microbiology of the food chain – Horizontal method for the enumeration of coagulase-positive staphylococci (<i>Staphylococcus aureus</i> and other species) – Part 2: Method using rabbit plasma fibrinogen agar medium (ISO 6888-2:2021)	07.100.30	2021-09
EN ISO 7668	Anodizing of aluminium and its alloys – Measurement of specular reflectance and specular gloss of anodic oxidation coatings at angles of 20°, 45°, 60° or 85° (ISO 7668:2021)	25.220.20	2021-09
EN ISO 10360-10	Geometrical product specifications (GPS) – Acceptance and reverification tests for coordinate measuring systems (CMS) – Part 10: Laser trackers (ISO 10360-10:2021)	17.040.30	2021-09
EN ISO 10360-13	Geometrical product specifications (GPS) – Acceptance and reverification tests for coordinate measuring systems (CMS) – Part 13: Optical 3D CMS (ISO 10360-13:2021)	17.040.30; 17.040.40	2021-09
CEN ISO/TR 10400	Petroleum and natural gas industries – Formulae and calculations for the properties of casing, tubing, drill pipe and line pipe used as casing or tubing (ISO/TR 10400:2018)	75.180.10	2021-09
EN ISO 10993-9	Biological evaluation of medical devices – Part 9: Framework for identification and quantification of potential degradation products (ISO 10993-9:2019)	11.100.20	2021-09
EN ISO 11132	Sensory analysis – Methodology – Guidelines for the measurement of the performance of a quantitative descriptive sensory panel (ISO 11132:2021)	67.240	2021-09
EN ISO 11855-3	Building environment design – Embedded radiant heating and cooling systems – Part 3: Design and dimensioning (ISO 11855-3:2021)	91.040.01	2021-09
EN ISO 11855-4	Building environment design – Embedded radiant heating and cooling systems – Part 4: Dimensioning and calculation of the dynamic heating and cooling capacity of Thermo Active Building Systems (TABS) (ISO 11855-4:2021)	91.040.01	2021-09
EN ISO 11855-5	Building environment design – Embedded radiant heating and cooling systems – Part 5: Installation (ISO 11855-5:2021)	91.040.01	2021-09
EN ISO 12625-7	Tissue paper and tissue products – Part 7: Determination of optical properties – Measurement of brightness and colour with D65/10° (outdoor daylight) (ISO 12625-7:2021)	85.080.20	2021-09
EN ISO 13000-1	Plastics – Polytetrafluoroethylene (PTFE) semi-finished products – Part 1: Requirements and designation (ISO 13000-1:2021)	83.140.01	2021-09
EN ISO 13000-2	Plastics – Polytetrafluoroethylene (PTFE) semi-finished products – Part 2: Preparation of test specimens and determination of properties (ISO 13000-2:2021)	83.140.01	2021-09
EN ISO 13688/A11	Protective clothing – General requirements – Amendment 1 (ISO 13688:2013/Amd 1:2021)	13.340.10	2021-09
EN ISO 13885-1	Gel permeation chromatography (GPC) – Part 1: Tetrahydrofuran (THF) as eluent (ISO 13885-1:2020)	87.060.20	2021-09
EN ISO 13885-2	Gel permeation chromatography (GPC) – Part 2: N,N-Dimethylacetamide (DMAC) as eluent (ISO 13885-2:2020)	87.060.20	2021-09

Oznaka norme	Naslov norme	ICS	Datum objave
EN ISO 13885-3	Gel permeation chromatography (GPC) – Part 3: Water as eluent (ISO 13885-3:2020)	87.060.20	2021-09
EN ISO 13918/A1	Welding – Studs and ceramic ferrules for arc stud welding – Amendment 1 (ISO 13918:2017/Amd 1:2021)	21.060.10; 25.160.10	2021-09
EN ISO 16321-2	Eye and face protection for occupational use – Part 2: Additional requirements for protectors used during welding and related techniques (ISO 16321-2:2021)	13.340.20	2021-09
CEN ISO/TS 17573-3	Electronic fee collection – System architecture for vehicle-related tolling – Part 3: Data dictionary (ISO/TS 17573-3:2021)	03.220.20; 35.240.60	2021-09
EN ISO 17664-1	Processing of health care products – Information to be provided by the medical device manufacturer for the processing of medical devices – Part 1: Critical and semi-critical medical devices (ISO 17664-1:2021)	11.080.01	2021-09
EN ISO 17892-12/A1	Geotechnical investigation and testing – Laboratory testing of soil – Part 12: Determination of liquid and plastic limits – Amendment 1 (ISO 17892-12:2018/Amd 1:2021)	13.080.20; 93.020	2021-09
EN ISO 18063-2	Rough-terrain trucks – Visibility test methods and their verification – Part 2: Slewing rough-terrain variable-reach trucks (ISO 18063-2:2021)	53.060	2021-09
EN ISO 18513	Tourism services – Hotels and other types of tourism accommodation – Vocabulary (ISO 18513:2021)	01.040.03; 03.080.30	2021-09
EN ISO 18527-2	Eye and face protection for sports use – Part 2: Requirements for eye protectors for squash and eye protectors for racquetball and squash 57 (ISO 18527-2:2021)	13.340.20; 97.220.30; 97.220.40	2021-09
EN ISO 18797-2	Petroleum, petrochemical and natural gas industries – External corrosion protection of risers by coatings and linings – Part 2: Maintenance and field repair coatings for riser pipes (ISO 18797-2:2021)	75.180.10	2021-09
EN ISO 19957	Footwear – Test methods for heels – Heel pin holding strength (ISO 19957:2021)	61.060	2021-09
EN ISO 21392	Cosmetics – Analytical methods – Measurement of traces of heavy metals in cosmetic finished products using ICP/MS technique (ISO 21392:2021)	71.100.70	2021-09
EN ISO 21563	Dentistry – Hydrocolloid impression materials (ISO 21563:2021)	11.060.10	2021-09
EN ISO 22476-4	Geotechnical investigation and testing – Field testing – Part 4: Prebored pressuremeter test by Ménard procedure (ISO 22476-4:2021)	93.020	2021-09
EN ISO 22553-7	Paints and varnishes – Electro-deposition coatings – Part 7: Electrical wet-film resistance (ISO 22553-7:2020)	87.040	2021-09
EN ISO 22553-8	Paints and varnishes – Electro-deposition coatings – Part 8: Electric charge density (ISO 22553-8:2020)	87.040	2021-09
EN ISO 22553-9	Paints and varnishes – Electro-deposition coatings – Part 9: Stoving loss (ISO 22553-9:2020)	87.040	2021-09
EN ISO 22553-11	Paints and varnishes – Electro-deposition coatings – Part 11: Bath stability (ISO 22553-11:2020)	87.040	2021-09
EN ISO 22553-12	Paints and varnishes – Electro-deposition coatings – Part 12: Sedimentation on horizontal areas (ISO 22553-12:2020)	87.040	2021-09
EN ISO 22940	Solid recovered fuels – Determination of elemental composition by X-ray fluorescence (ISO 22940:2021)	75.160.10	2021-09
EN ISO 30023	Textiles – Qualification symbols for labelling workwear to be industrially laundered (ISO 30023:2021)	59.080.01	2021-09

Europska normizacija (CENELEC)

Oznaka norme	Naslov norme	ICS	Datum objave
EN 16602-70-15	Space product assurance – Non-destructive testing	19.100; 49.140	2021-09
EN 16603-10-04	Space engineering – Space environment	49.140	2021-09
CEN/CLC/TR 17603-10-02	Space engineering – Verification guidelines	49.140	2021-09
CEN/CLC/TR 17603-10-12	Space engineering – Calculation of radiation and its effects and margin policy handbook	49.140	2021-09
CEN/CLC/TR 17603-11	Space engineering – Technology readiness level (TRL) guidelines	49.140	2021-09
CEN/CLC/TR 17603-20-01	Space engineering – Multipactor handbook	49.140	2021-09
CEN/CLC/TR 17603-20-02	Space engineering – Li-ion battery testing handbook	49.140	2021-09
EN 50520/A1	Cover plates and cover tapes for the protection and location warning of buried cables or buried conduits in underground installations	29.120.10	2021-09
EN 50524	Data sheet for photovoltaic inverters	27.160	2021-09
EN 50546/AC	Railway applications – Rolling Stock – Three-phase shore (external) supply system for rail vehicles and its connectors	29.280	2021-09
EN 50632-2-5/A1	Electric motor-operated tools – Dust measurement procedure – Part 2-5: Particular requirements for circular saws	13.040.40; 25.080.60; 25.140.20	2021-09
EN 50632-2-14/A1	Electric motor-operated tools – Dust measurement procedure – Part 2-14: Particular requirements for planers	13.040.40; 25.140.20	2021-09
EN 50632-2-17/A1	Electric motor-operated tools – Dust measurement procedure – Part 2-17: Particular requirements for routers and trimmers	13.040.40; 25.140.20; 65.060.80	2021-09
EN 50632-2-19/A1	Electric motor-operated tools – Dust measurement procedure – Part 2-19: Particular requirements for jointers	13.040.40; 25.140.20	2021-09
EN 50632-3-1/A1	Electric motor-operated tools – Dust measurement procedure – Part 3-1: Particular requirements for transportable table saws	13.040.40; 79.120.10	2021-09
EN 50632-3-9/A1	Electric motor-operated tools – Dust measurement procedure – Part 3-9: Particular requirements for transportable mitre saws	13.040.40; 79.120.10	2021-09
EN IEC 60068-2-21	Environmental testing – Part 2-21: Tests – Test U: Robustness of terminations and integral mounting devices (IEC 60068-2-21:2021)	19.040; 31.190	2021-09
EN IEC 60152	Designation of phase differences by hour numbers in three- phase AC systems (IEC 60152:2021)	29.020	2021-09
EN IEC 60255-187-1	Measuring relays and protection equipment – Part 187-1: Functional requirements for differential protection – Restrained and unrestrained differential protection of motors, generators and transformers (IEC 60255-187-1:2021)	29.120.70	2021-09
EN IEC 60317-84	Specifications for particular types of winding wires – Part 84: Polyesterimide enamelled round copper wire, class 200 (IEC 60317-84:2021)	29.060.10	2021-09
EN 60335-2-15/A2	Household and similar electrical appliances – Safety – Part 2-15: Particular requirements for appliances for heating liquids (IEC 60335-2-15:2012/A2:2018)	97.040.20; 97.040.50	2021-09
EN IEC 60335-2-87/A1	Household and similar electrical appliances – Safety – Part 2-87: Particular requirements for electrical animal-stunning equipment (IEC 60335-2-87:2016/A1:2018)	65.020.30; 65.060.99	2021-09
EN IEC 60335-2-90	Household and similar appliances – Safety – Part 2-90: Particular requirements for commercial microwave ovens (IEC 60335-2-90:2015)	97.040.20	2021-09

Oznaka norme	Naslov norme	ICS	Datum objave
EN IEC 60384-24	Fixed capacitors for use in electronic equipment – Part 24: Sectional specification – Fixed tantalum electrolytic surface mount capacitors with conductive polymer solid electrolyte (IEC 60384-24:2021)	31.060.40; 31.060.50	2021-09
EN IEC 60384-25	Fixed capacitors for use in electronic equipment – Part 25: Sectional specification: Fixed aluminium electrolytic surface mount capacitors with conductive polymer solid electrolyte (IEC 60384-25:2021)	31.060.40; 31.060.50	2021-09
EN IEC 60445	Basic and safety principles for man-machine interface, marking and identification – Identification of equipment terminals, conductor terminations and conductors (IEC 60445:2021)	01.080.20; 13.110; 29.020	2021-09
EN IEC 60652	Overhead line structures – Loading tests (IEC 60652:2021)	29.240.20	2021-09
EN IEC 60695-6-1	Fire hazard testing – Part 6-1: Smoke obscuration – General guidance (IEC 60695-6-1:2021)	13.220.40; 29.020	2021-09
EN IEC 60794-1-401	Optical fibre cables – Part 1-401: Generic specification – Basic optical cable test procedures – Electrical test methods – Short-circuit test (for OPGW, OPAC and OPAC), Method H1 (IEC 60794-1-401:2021)	33.180.10	2021-09
EN IEC 60794-1-402	Optical fibre cables – Part 1-402: Generic specification – Basic optical cable test procedures – Electrical test methods – Lightning test (for OPGW, OPAC and OPAC), Method H2 (IEC 60794-1-402:2021)	33.180.10	2021-09
EN IEC 60987	Nuclear power plants – Instrumentation and control important to safety – Hardware design requirements for computer-based systems (IEC 60987:2021)	27.120.20	2021-09
EN IEC 61010-2-051	Safety requirements for electrical equipment for measurement, control and laboratory use – Part 2-051: Particular requirements for laboratory equipment for mixing and stirring (IEC 61010-2-051:2018)	19.080; 71.040.20; 71.040.50	2021-09
EN IEC 61010-2-051/A11	Safety requirements for electrical equipment for measurement, control and laboratory use – Part 2-051: Particular requirements for laboratory equipment for mixing and stirring	19.080; 71.040.20; 71.040.50	2021-09
EN IEC 61010-2-061	Safety requirements for electrical equipment for measurement, control and laboratory use – Part 2-061: Particular requirements for laboratory atomic spectrometers with thermal atomization and ionization (IEC 61010-2-061:2018)	19.080; 71.040.20; 71.040.50	2021-09
EN IEC 61010-2-061/A11	Safety requirements for electrical equipment for measurement, control and laboratory use – Part 2-061: Particular requirements for laboratory atomic spectrometers with thermal atomization and ionization	19.080; 71.040.20; 71.040.50	2021-09
EN IEC 61316	Industrial cable reels (IEC 61316:2021)	29.060.01; 29.120.99	2021-09
EN 61534-21/A1	Powertrack systems – Part 21: Particular requirements for powertrack systems intended for wall and ceiling mounting (IEC 61534-21:2014/AMD1:2021)	29.060.10; 29.120.20; 29.140.50	2021-09
EN 61534-21/A11	Powertrack systems – Part 21: Particular requirements for powertrack systems intended for wall and ceiling mounting	29.060.10; 29.120.20; 29.140.50	2021-09
EN 61534-22/A1	Powertrack systems – Part 22: Particular requirements for powertrack systems intended for onfloor or underfloor installation (IEC 61534-22:2014/AMD1:2021)	29.060.10; 29.120.20; 29.140.50	2021-09
EN 61534-22/A11	Powertrack systems – Part 22: Particular requirements for powertrack systems intended for onfloor or underfloor installation	29.060.10; 29.120.20; 29.140.50	2021-09

Oznaka norme	Naslov norme	ICS	Datum objave
EN IEC 61757-2-1	Fibre optic sensors – Part 2-1: Temperature measurement – Temperature sensors based on fibre Bragg gratings (IEC 61757-2-1:2021)	33.180.99	2021-09
EN IEC 61760-2	Surface mounting technology – Part 2: Transportation and storage conditions of surface mounting devices (SMD) – Application guide (IEC 61760-2:2021)	31.240	2021-09
EN 62133-2/A1	Secondary cells and batteries containing alkaline or other non- acid electrolytes – Safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications – Part 2: Lithium systems (IEC 62133-2:2017/AMD1:2021)	29.220.30	2021-09
EN IEC 62153-4-7	Metallic cables and other passive components test methods – Part 4-7: Electromagnetic compatibility (EMC) – Test method for measuring of transfer impedance ZT and screening attenuation aS or coupling attenuation aC of connectors and assemblies – Triaxial tube in tube method (IEC 62153-4-7:2021)	33.100.10; 33.120.10	2021-09
EN IEC 62153-4-15	Metallic cables and other passive components test methods – Part 4-15: Electromagnetic compatibility (EMC) – Test method for measuring transfer impedance and screening attenuation – or coupling attenuation with triaxial cell (IEC 62153-4-15:2021)	33.120.10	2021-09
EN IEC 62271-101	High-voltage switchgear and controlgear – Part 101: Synthetic testing (IEC 62271-101:2021)	29.130.10	2021-09
EN IEC 62271-112	High-voltage switchgear and controlgear – Part 112: Alternating current high-speed earthing switches for secondary arc extinction on transmission lines (IEC 62271-112:2021)	29.130.10; 29.130.99	2021-09
EN 62423/AC	Type F and type B residual current operated circuit-breakers with and without integral overcurrent protection for household and similar uses (IEC 62423:2009/COR2:2021)	29.120.50	2021-09
EN ISO 13485/A11	Medical devices – Quality management systems – Requirements for regulatory purposes (ISO 13485:2016)	03.100.70; 11.040.01	2021-09
EN ISO 15223-1	Medical devices – Symbols to be used with information to be supplied by the manufacturer – Part 1: General requirements (ISO 15223-1:2021)	01.080.20; 11.040.01	2021-09
EN ISO/IEC 17030	Conformity assessment – General requirements for third-party marks of conformity (ISO/IEC 17030:2021)	03.120.20	2021-09
HD 60364-8-2/A12	Low-voltage electrical installations – Part 8-2: Prosumer's low- voltage electrical installations	91.140.50	2021-09

Europska normizacija (ETSI)

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 102221 V 16.5.0	Smart Cards – UICC-Terminal interface – Physical and logical characteristics (Release 16)	35.240.15	2021-09
ETSI TS 118113 V 3.3.1	oneM2M – Interoperability Testing (oneM2M TS-0013 version 3.3.1 Release 3)	33.200	2021-09
ETSI TS 136300 V 16.6.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – Overall description – Stage 2 (3GPP TS 36.300 version 16.6.0 Release 16)	33.070.50	2021-09
ETSI TS 136306 V 16.5.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio access capabilities (3GPP TS 36.306 version 16.5.0 Release 16)	33.070.50	2021-09
ETSI TS 136331 V 15.14.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Radio Resource Control (RRC) – Protocol specification (3GPP TS 36.331 version 15.14.0 Release 15)	33.070.50	2021-09
ETSI TS 136331 V 16.5.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Radio Resource Control (RRC) – Protocol specification (3GPP TS 36.331 version 16.5.0 Release 16)	33.070.50	2021-09
ETSI TS 136579-1 V 15.2.0	LTE – Mission Critical (MC) services over LTE – Part 1: Common test environment (3GPP TS 36.579-1 version 15.2.0 Release 15)	33.070.99	2021-09
ETSI TS 136579-4 V 14.6.0	LTE – Mission Critical (MC) services over LTE – Part 4: Test Applicability and Implementation Conformance Statement (ICS) proforma specification (3GPP TS 36.579-4 version 14.6.0 Release 14)	33.070.99	2021-09
ETSI TS 136579-4 V 15.0.0	LTE – Mission Critical (MC) services over LTE – Part 4: Test Applicability and Implementation Conformance Statement (ICS) proforma specification (3GPP TS 36.579-4 version 15.0.0 Release 15)	33.070.99	2021-09
ETSI TS 136579-5 V 14.3.0	LTE – Mission Critical (MC) services over LTE – Part 5: Abstract test suite (ATS) (3GPP TS 36.579-5 version 14.3.0 Release 14)	33.070.99	2021-09
ETSI TS 136579-6 V 14.2.0	LTE – Mission Critical (MC) services over LTE – Part 6: Mission Critical Video (MCVideo) User Equipment (UE) Protocol conformance specification (3GPP TS 36.579-6 version 14.2.0 Release 14)	33.070.99	2021-09
ETSI TS 136579-6 V 15.0.0	LTE – Mission Critical (MC) services over LTE – Part 6: Mission Critical Video (MCVideo) User Equipment (UE) Protocol conformance specification (3GPP TS 36.579-6 version 15.0.0 Release 15)	33.070.99	2021-09
ETSI TS 136579-7 V 15.0.0	LTE – Mission Critical (MC) services over LTE – Part 7: Mission Critical Data (MCData) User Equipment (UE) Protocol conformance specification (3GPP TS 36.579-7 version 15.0.0 Release 15)	33.070.99	2021-09
ETSI TS 137324 V 16.3.0	LTE – 5G – Evolved Universal Terrestrial Radio Access (E-UTRA) and NR – Service Data Adaptation Protocol (SDAP) specification (3GPP TS 37.324 version 16.3.0 Release 16)	33.070.99	2021-09
ETSI TS 137355 V 15.2.0	LTE – 5G – LTE Positioning Protocol (LPP) (3GPP TS 37.355 version 15.2.0 Release 15)	33.070.50	2021-09
ETSI TS 137355 V 16.5.0	LTE – 5G – LTE Positioning Protocol (LPP) (3GPP TS 37.355 version 16.5.0 Release 16)	33.070.50	2021-09
ETSI TS 138300 V 15.13.0	5G – NR – NR and NG-RAN Overall description – Stage-2 (3GPP TS 38.300 version 15.13.0 Release 15)	33.070.99	2021-09
ETSI TS 138300 V 16.6.0	5G – NR – NR and NG-RAN Overall description – Stage-2 (3GPP TS 38.300 version 16.6.0 Release 16)	33.070.99	2021-09
ETSI TS 138304 V 16.5.0	5G – NR – User Equipment (UE) procedures in idle mode and in RRC Inactive state (3GPP TS 38.304 version 16.5.0 Release 16)	33.070.99	2021-09

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 138305 V 16.5.0	5G – NG Radio Access Network (NG-RAN) – Stage 2 functional specification of User Equipment (UE) positioning in NG-RAN (3GPP TS 38.305 version 16.5.0 Release 16)	33.070.99	2021-09
ETSI TS 138306 V 15.14.0	5G – NR – User Equipment (UE) radio access capabilities (3GPP TS 38.306 version 15.14.0 Release 15)	33.070.99	2021-09
ETSI TS 138306 V 16.5.0	5G – NR – User Equipment (UE) radio access capabilities (3GPP TS 38.306 version 16.5.0 Release 16)	33.070.99	2021-09
ETSI TS 138331 V 15.14.0	5G – NR – Radio Resource Control (RRC) – Protocol specification (3GPP TS 38.331 version 15.14.0 Release 15)	33.070.99	2021-09
ETSI TS 138331 V 16.5.0	5G – NR – Radio Resource Control (RRC) – Protocol specification (3GPP TS 38.331 version 16.5.0 Release 16)	33.070.99	2021-09
ETSI TS 138523-2 V 16.8.0	5G – LTE – 5GS – User Equipment (UE) conformance specification – Part 2: Applicability of protocol test cases (3GPP TS 38.523-2 version 16.8.0 Release 16)	33.070.99	2021-09
ETSI TS 138523-3 V 16.2.0	5G – LTE – 5GS – User Equipment (UE) conformance specification – Part 3: Protocol Test Suites (3GPP TS 38.523-3 version 16.2.0 Release 16)	33.070.99	2021-09
ETSI GS CDM 004 V 1.0.0	Common information sharing environment service and Data Model (CDM) – Service Model	35.080; 35.240.01	2021-09
ETSI GS CDM 005 V 1.5.3	Common information sharing environment service and Data Model (CDM) – Data Model	35.080; 35.240.01	2021-09
ETSI GR PDL 008 V 1.1.1	Permissioned Distributed Ledger (PDL) – Research and Innovation Landscape	35.240.99	2021-09
ETSI GR PDL 009 V 1.1.1	Permissioned Distributed Ledger (PDL) – Federated Data Management	35.240.99	2021-09
EN 302326-2 V 2.1.1	Fixed Radio Systems – Multipoint Equipment and Antennas – Part 2: Harmonised Standard for access to radio spectrum	33.060.30; 33.120.40	2021-09
EN 302326-3 V 2.1.1	Fixed Radio Systems – Multipoint Equipment and Antennas – Part 3: Multipoint Antennas	33.060.30; 33.120.40	2021-09

Međunarodna normizacija (ISO)

Oznaka norme	Naslov norme	ICS	Datum objave
ISO 965-1 AMD 1	ISO general purpose metric screw threads – Tolerances – Part 1: Principles and basic data; Amendment 1	21.040.10	2021-09
ISO 2575	Road vehicles – Symbols for controls, indicators and tell-tales	01.080.20; 43.040.30	2021-09
ISO 2929	Rubber hoses and hose assemblies for bulk fuel delivery by truck – Specification	75.200; 83.140.40	2021-09
ISO 3381	Railway applications – Acoustics – Noise measurement inside railbound vehicles	17.140.30; 45.020	2021-09
ISO 3533	Sex toys – Design and safety requirements for products in direct contact with genitalia, the anus, or both	97.170	2021-09
ISO 3834-1	Quality requirements for fusion welding of metallic materials – Part 1: Criteria for the selection of the appropriate level of quality requirements	25.160.01	2021-09
ISO 4138	Passenger cars – Steady-state circular driving behaviour – Open-loop test methods	43.100	2021-09
ISO/TR 4445	Intelligent transport systems – Mobility integration – Role model of ITS service application in smart cities	03.220.01; 35.240.60	2021-09
ISO 6450	Rubber- or plastics-coated fabrics – Determination of resistance to liquids	59.080.40	2021-09
ISO 6689	Equipment for harvesting – Combine harvesters and functional components – Vocabulary	01.040.65; 65.060.50	2021-09
ISO 6877	Dentistry – Endodontic obturating materials	11.060.10	2021-09
ISO 7170	Furniture – Storage units – Test methods for the determination of strength, durability and stability	97.140	2021-09
ISO 7870-4	Control charts – Part 4: Cumulative sum charts	03.120.30	2021-09
ISO 8153-2	Aerospace fluid systems and components – Vocabulary – Part 2: Fittings and couplings	01.040.49; 49.080	2021-09
ISO 8840	Refractory materials – Determination of bulk density of granular materials (grain density)	81.080	2021-09
ISO 9211-7	Optics and photonics – Optical coatings – Part 7: Minimum requirements for neutral beam splitter coatings	37.020	2021-09
ISO 9624 AMD 1	Thermoplastics piping systems for fluids under pressure – Flange adapters and loose backing flanges – Mating dimensions; Amendment 1	23.040.60	2021-09
ISO 9982	Belt drives – Pulleys and V-ribbed belts for industrial applications – PH, PJ, PK, PL and PM profiles: dimensions	21.220.10	2021-09
ISO 10303-59	Industrial automation systems and integration – Product data representation and exchange – Part 59: Integrated generic resource – Quality of product shape data	25.040.40; 35.240.50	2021-09
ISO 10360-13	Geometrical product specifications (GPS) – Acceptance and reverification tests for coordinate measuring systems (CMS) – Part 13: Optical 3D CMS	17.040.30; 17.040.40	2021-09
ISO 11132	Sensory analysis – Methodology – Guidelines for the measurement of the performance of a quantitative descriptive sensory panel	67.240	2021-09
ISO 11855-2	Building environment design – Embedded radiant heating and cooling systems – Part 2: Determination of the design heating and cooling capacity	91.040.01	2021-09
ISO 11916-3	Soil quality – Determination of selected explosives and related compounds – Part 3: Method using liquid chromatography-tandem mass spectrometry (LC-MS/MS)	13.080.10	2021-09

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ISO 12616-1	Terminology work in support of multilingual communication – Part 1: Fundamentals of translation-oriented terminography	01.120	2021-09
ISO 12642-3	Graphic technology – Input data for characterization of 4-colour process printing – Part 3: Extended data set including near neutral scale	35.240.30; 37.100.99	2021-09
ISO 13179-1	Implants for surgery – Coatings on metallic surgical implants – Part 1: Plasma-sprayed coatings derived from titanium or titanium-6 aluminum-4 vanadium alloy powders	11.040.40	2021-09
ISO/TS 13396	Road vehicles – Sled test method to enable the evaluation of side impact protection of child restraint systems – Essential parameters	43.040.80	2021-09
ISO/TS 13725	Hydraulic fluid power – Method for evaluating the buckling load of a hydraulic cylinder	23.100.20	2021-09
ISO 13765-7	Refractory mortars – Part 7: Determination of permanent change in dimensions on heating	81.080	2021-09
ISO 13775-1	Thermoplastic tubing and hoses for automotive use – Part 1: Non-fuel applications	43.040.01; 83.140.30; 83.140.40	2021-09
ISO 13837	Road vehicles – Safety glazing materials – Method for the determination of solar transmittance	43.040.60; 81.040.30	2021-09
ISO 13918 AMD 1	Welding – Studs and ceramic ferrules for arc stud welding; Amendment 1	21.060.10; 25.160.10	2021-09
ISO 14030-1	Environmental performance evaluation – Green debt instruments – Part 1: Process for green bonds	03.060; 13.020.20	2021-09
ISO 14030-2	Environmental performance evaluation – Green debt instruments – Part 2: Process for green loans	03.060; 13.020.20	2021-09
ISO 14030-4	Environmental performance evaluation – Green debt instruments – Part 4: Verification programme requirements	03.060; 13.020.20	2021-09
ISO 14505-4	Ergonomics of the thermal environment – Evaluation of thermal environments in vehicles – Part 4: Determination of the equivalent temperature by means of a numerical manikin	13.180; 43.020	2021-09
ISO 14922	Thermal spraying – Quality requirements for manufacturers of thermal sprayed coatings	25.220.20	2021-09
ISO 15384 AMD 1	Protective clothing for firefighters – Laboratory test methods and performance requirements for wildland firefighting clothing; Amendment 1	13.340.10	2021-09
ISO 15765-5	Road vehicles – Diagnostic communication over Controller Area Network (DoCAN) – Part 5: Specification for an in-vehicle network connected to the diagnostic link connector	43.040.15; 43.180	2021-09
ISO 15877-3 AMD 2	Plastics piping systems for hot and cold water installations – Chlorinated poly(vinyl chloride) (PVC-C) – Part 3: Fittings; Amendment 2	23.040.45; 91.140.60	2021-09
ISO/TR 16178	Footwear – Critical substances potentially present in footwear and footwear components – Lists of critical chemical substances	61.060	2021-09
ISO/TS 17137	Cardiovascular implants and extracorporeal systems – Cardiovascular absorbable implants	11.040.40	2021-09
ISO 18436-6	Condition monitoring and diagnostics of machines – Requirements for certification of personnel – Part 6: Acoustic emission	03.100.30; 17.160	2021-09
ISO 18797-2	Petroleum, petrochemical and natural gas industries – External corrosion protection of risers by coatings and linings – Part 2: Maintenance and field repair coatings for riser pipes	75.180.10	2021-09

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ISO 19447	Passenger car tyres – Method for measuring ice grip performance – Loaded new tyres	83.160.10	2021-09
ISO 19957	Footwear – Test methods for heels – Heel pin holding strength	61.060	2021-09
ISO 20480-3	Fine bubble technology – General principles for usage and measurement of fine bubbles – Part 3: Methods for generating fine bubbles	01.040.07; 07.030	2021-09
ISO 20515	Rolling bearings – Radial bearings, retaining slots – Dimensions, geometrical product specifications (GPS) and tolerance values	21.100.20	2021-09
ISO 20616-1	Graphic technology – File format for quality control and metadata – Part 1: Print requirements eXchange (PRX)	35.240.30; 37.100.99	2021-09
ISO 20620	Fertilizers and soil conditioners – Determination of total nitrogen by combustion	65.080	2021-09
ISO 20884 AMD 1	Petroleum products – Determination of sulfur content of automotive fuels – Wavelength-dispersive X-ray fluorescence spectrometry – Amendment 1: Addition of the SSD detector to the Monochromatic excitation part of Table 1	75.080; 75.160.30	2021-09
ISO 21265	Building and civil engineering sealants – Assessment of the fungal growth on sealant surfaces	91.100.50	2021-09
ISO 21709 AMD 1	Biotechnology – Biobanking – Process and quality requirements for establishment, maintenance and characterization of mammalian cell lines; Amendment 1	07.080	2021-09
ISO 22476-4	Geotechnical investigation and testing – Field testing – Part 4: Prebored pressuremeter test by Ménard procedure	93.020	2021-09
ISO 22749-1	Railway applications – Suspension components – Part 1: Characteristics and test methods for elastomer-mechanical parts	45.060.01	2021-09
ISO 22941	Rubber sheets for livestock – Dairy cattle – Specification	83.140.99	2021-09
ISO 23020	Space systems – Determination of test methods to characterize material or component properties required for break-up models used for Earth re-entry	49.140	2021-09
ISO 23129	Space systems – Thermal control coatings for spacecraft – Atomic oxygen protective coatings on polyimide film	49.140	2021-09
ISO/TS 23151	Nanotechnologies – Particle size distribution for cellulose nanocrystals	07.120	2021-09
ISO 23274-2	Hybrid-electric road vehicles – Exhaust emissions and fuel consumption measurements – Part 2: Externally chargeable vehicles	43.120	2021-09
ISO 23323	Ships and marine technology – Specification for software-based planned maintenance systems	35.240.60; 47.020.99	2021-09
ISO 23327	Hygrothermal performance of building materials and products – Determination of moisture adsorption/desorption properties in response to periodic temperature variation	91.100.01	2021-09
ISO 23350	Hydrometry – Catching-type liquid precipitation measuring gauges	17.120.20	2021-09
ISO 23446	Marine technology – Product water quality of seawater reverse osmosis (RO) desalination – Guidelines for municipal water supply	13.060.01	2021-09
ISO 23456-1	Dynamic signs in physical environments – Part 1: General requirements	01.080.10	2021-09
ISO 23591	Acoustic quality criteria for music rehearsal rooms and spaces	91.120.20	2021-09

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ISO 23629-7	UAS traffic management (UTM) – Part 7: Data model for spatial data	49.020	2021-09
ISO 23670	Space systems – Vibration testing	17.160; 49.140	2021-09
ISO 23722	Meat and meat products – Vocabulary	01.040.67; 67.120.10	2021-09
ISO/TS 23764	Methodology for achieving non-residential zero-energy buildings (ZEBs)	91.040.01	2021-09
ISO 23781	Operating procedures of pig slaughtering	65.020.30	2021-09
ISO 23854	Fermented meat products – Specification	67.120.10	2021-09
ISO 23855	Frozen surimi – Specification	67.120.30	2021-09
ISO 23970	Milk, milk products and infant formula – Determination of melamine and cyanuric acid by liquid chromatography and tandem mass spectrometry (LC-MS/MS)	67.100.10	2021-09
ISO 24095	Workplace air – Guidance for the measurement of respirable crystalline silica	13.040.30	2021-09
ISO/TS 24106	Essential oils – Name harmonization of components	71.100.60	2021-09
ISO 24136	Ships and marine technology – Pilot ladder winch reels	47.020.50	2021-09
ISO 24165-1	Digital token identifier (DTI) – Registration, assignment and structure – Part 1: Method for registration and assignment	03.060	2021-09
ISO 24165-2	Digital token identifier (DTI) – Registration, assignment and structure – Part 2: Data elements for registration	03.060	2021-09
ISO 24261-2	Fine bubble technology – Elimination method for sample characterization – Part 2: Fine bubble elimination techniques	07.030	2021-09
ISO 24294	Timber – Round and sawn timber – Vocabulary	01.040.79; 79.040	2021-09
ISO 27919-2	Carbon dioxide capture – Part 2: Evaluation procedure to assure and maintain stable performance of post-combustion CO2 capture plant integrated with a power plant	13.020.40	2021-09
ISO 29461-1	Air intake filter systems for rotary machinery – Test methods – Part 1: Static filter elements	29.160.99	2021-09
ISO 31030	Travel risk management – Guidance for organizations	03.100.01	2021-09
ISO 37000	Governance of organizations – Guidance	03.100.02	2021-09
ISO 50005	Energy management systems – Guidelines for a phased implementation	03.100.70; 27.015	2021-09

Međunarodna normizacija (IEC)

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IEC 60050-103 AMD 4	International Electrotechnical Vocabulary (IEV) – Part 103: Mathematics – Functions; Amendment 4	01.040.07; 01.040.29; 07.020; 29.020	2021-09
IEC 60050-131 AMD 5	International Electrotechnical Vocabulary (IEV) – Part 131: Circuit theory; Amendment 5	01.040.17; 01.040.29; 17.220.01; 29.020	2021-09
IEC 60050-466 AMD 3	International Electrotechnical Vocabulary (IEV) – Part 466: Overhead lines; Amendment 3	01.040.29; 29.020; 29.240.20	2021-09
IEC 60050-705 AMD 7	International Electrotechnical Vocabulary (IEV) – Part 705: Radio wave propagation; Amendment 7	01.040.29; 01.040.33; 29.020; 33.060.01	2021-09
IEC 60050-715 AMD 3	International Electrotechnical Vocabulary (IEV) – Part 715: Telecommunication networks, teletraffic and operation; Amendment 3	01.040.29; 01.040.33; 29.020; 33.040.01	2021-09
IEC 60050-721 AMD 5	International Electrotechnical Vocabulary (IEV) – Part 721: Telegraphy, facsimile and data communication; Amendment 5	01.040.29; 01.040.33; 29.020; 33.040.01	2021-09
IEC 60050-723 AMD 7	International Electrotechnical Vocabulary (IEV) – Part 723: Broadcasting: Sound, television, data; Amendment 7	01.040.29; 01.040.33; 29.020; 33.170	2021-09
IEC 60050-726 AMD 7	International Electrotechnical Vocabulary (IEV) – Part 726: Transmission lines and waveguides; Amendment 7	01.040.29; 01.040.33; 29.020; 33.120.10	2021-09
IEC 60050-801 AMD 4	International Electrotechnical Vocabulary (IEV) – Part 801: Acoustics and electroacoustics; Amendment 4	01.040.17; 01.040.29; 17.140.01; 17.140.50; 29.020	2021-09
IEC 60050-811 AMD 1	International Electrotechnical Vocabulary (IEV) – Part 811: Electric traction; Amendment 1	01.040.29; 29.280	2021-09
IEC 60068-3-3 Corrigendum 1	Environmental testing – Part 3-3: Supporting documentation and guidance – Seismic test methods for equipment; Corrigendum 1	19.040	2021-09
IEC 60086-5	Primary batteries – Part 5: Safety of batteries with aqueous electrolyte	29.220.10	2021-09
IEC 60143-2 AMD 1	Series capacitors for power systems – Part 2: Protective equipment for series capacitor banks; Amendment 1	29.240.99; 31.060.70	2021-09
IEC 60143-2 Edition 2.1	Series capacitors for power systems – Part 2: Protective equipment for series capacitor banks	29.240.99; 31.060.70	2021-09
IEC 60204-1 AMD 1	Safety of machinery – Part 1: General requirements; Amendment 1	13.110; 29.020	2021-09
IEC 60204-1 Edition 6.1	Safety of machinery – Part 1: General requirements	13.110; 29.020	2021-09
IEC 60335-2-74	Household and similar electrical appliances – Safety – Part 2-74: Particular requirements for portable immersion heaters	13.120; 97.040.50	2021-09
IEC 60444-6	Measurement of quartz crystal unit parameters – Part 6: Measurement of drive level dependence (DLD)	31.140	2021-09
IEC 60601-2-41	Medical electrical equipment – Part 2-41: Particular requirements for the basic safety and essential performance of surgical luminaires and luminaires for diagnosis	11.040.20; 11.040.55; 11.040.99; 11.140; 29.140.40	2021-09
IEC 60688	Electrical measuring transducers for converting AC and DC electrical quantities to analogue or digital signals	17.220.20	2021-09
IEC 60700-1 AMD 1	Thyristor valves for high voltage direct current (HVDC) power transmission – Part 1: Electrical testing; Amendment 1	29.200; 31.080.20	2021-09
IEC 60700-1 Edition 2.1	Thyristor valves for high voltage direct current (HVDC) power transmission – Part 1: Electrical testing	29.200; 31.080.20	2021-09
IEC 60958-1	Digital audio interface – Part 1: General	33.160.01; 33.160.30	2021-09

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IEC 60958-3	Digital audio interface – Part 3: Consumer applications	33.160.01; 33.160.30	2021-09
IEC 61189-2-807	Test methods for electrical materials, printed boards and other interconnection structures and assemblies – Part 2-807: Test methods for materials for interconnection structures – Decomposition temperature (Td) using TGA	31.180; 31.190	2021-09
IEC 61753-101-03	Fibre optic interconnecting devices and passive components performance standard – Part 101-03: Fibre management systems for category OP – Outdoor protected environment	33.180.20	2021-09
IEC 61753-111-07	Fibre optic interconnecting devices and passive components – Performance standard – Part 111-07: Sealed closures – Category A – Aerial	33.180.20	2021-09
IEC 61753-111-09	Fibre optic interconnecting devices and passive components – Performance standard – Part 111-09: Sealed closures – Category S – Subteranean	33.180.20	2021-09
IEC 61869-11 Interpretation Sheet 1	Instrument transformers – Part 11: Additional requirements for low-power passive voltage transformers; Interpretation Sheet 1	17.220.20	2021-09
IEC/TR 62000	Guidelines for combining different singlemode fibre sub-categories	33.180.10	2021-09
IEC/TR 62001-4	High-voltage direct current (HVDC) systems – Guidance to the specification and design evaluation of AC filters – Part 4: Equipment	29.200; 31.160	2021-09
IEC 62047-40	Semiconductor devices – Micro-electromechanical devices – Part 40: Test methods of micro-electromechanical inertial shock switch threshold	31.080.99; 31.140; 31.220.01	2021-09
IEC 62262 AMD 1	Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts (IK code); Amendment 1	29.020; 29.100.99	2021-09
IEC 62262 Edition 1.1	Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts (IK code)	29.020; 29.100.99	2021-09
IEC 62321-3-3	Determination of certain substances in electrotechnical products – Part 3-3: Screening – Polybrominated biphenyls, polybrominated diphenyl ethers and phthalates in polymers by gas chromatography-mass spectrometry using a pyrolyser/thermal desorption accessory (Py/TDGCMS)	13.020.01; 29.020; 43.040.10; 71.040.50	2021-09
IEC 62586-2 AMD 1	Power quality measurement in power supply systems – Part 2: Functional tests and uncertainty requirements; Amendment 1	17.220.20	2021-09
IEC 62586-2 Edition 2.1	Power quality measurement in power supply systems – Part 2: Functional tests and uncertainty requirements	17.220.20	2021-09
IEC 62629-1-2	3D display devices – Part 1-2: Generic – Terminology and letter symbols	01.040.31; 31.120; 31.260	2021-09
IEC/PAS 62840-3	Electric vehicle battery swap system – Part 3: Particular safety and interoperability requirements for battery swap systems operating with removable RESS/battery systems	43.120	2021-09
IEC/TR 62899-402-4	Printed electronics – Part 402-4: Printability – Measurement of qualities – Classification and measurement methods for morphology	31.180	2021-09
IEC/TR 62933-2-200	Electrical energy storage (EES) systems – Part 2-200: Unit parameters and testing methods – Case study of electrical energy storage (EES) systems located in EV charging station with PV	13.020.30; 27.010; 27.160; 43.120	2021-09

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IEC 63041-1	Piezoelectric sensors – Part 1: Generic specifications	31.140	2021-09
IEC/TS 63102	Grid code compliance assessment methods for grid connection of wind and PV power plants	27.160; 27.180; 29.240.01	2021-09
IEC/TS 63163	Terrestrial photovoltaic (PV) modules for consumer products – Design qualification and type approval	27.160	2021-09
IEC 63244-1	Semiconductor devices – Semiconductor devices for wireless power transfer and charging – Part 1: General requirements and specifications	29.200; 31.080.99	2021-09
IEC 80001-1	Safety, effectiveness and security in the implementation and use of connected medical devices or connected health software – Part 1: Application of risk management	11.040.01; 35.240.80	2021-09
ISO/IEC 10918-7	Information technology – Digital compression and coding of continuous-tone still images – Part 7: Reference software	35.040.30	2021-09
ISO/IEC 15444-16	Information technology – JPEG 2000 image coding system – Part 16: Encapsulation of JPEG 2000 images into ISO/IEC 23008-12	35.040.30	2021-09
ISO/IEC 17030	Conformity assessment – General requirements for third-party marks of conformity	03.120.20	2021-09
ISO/IEC 18013-5	Personal identification – ISO-compliant driving licence – Part 5: Mobile driving licence (mDL) application	35.240.15	2021-09
ISO/IEC 18014-2	Information security – Time-stamping services – Part 2: Mechanisms producing independent tokens	35.030	2021-09
ISO/IEC 18033-1	Information security – Encryption algorithms – Part 1: General	35.030	2021-09
ISO/IEC 18745-2	Test methods for machine readable travel documents (MRTD) and associated devices – Part 2: Test methods for the contactless interface	35.240.15	2021-09
ISO/IEC 19763-16	Information technology – Metamodel framework for interoperability (MFI) – Part 16: Metamodel for document model registration	35.040.50	2021-09
ISO/IEC 21823-3	Internet of things (IoT) – Interoperability for IoT systems – Part 3: Semantic interoperability	35.020; 35.240.95	2021-09
ISO/IEC 22603-1	Information technology – Digital representation of product information – Part 1: General requirements	35.040.50	2021-09
ISO/IEC 23001-10 AMD 1	Information technology – MPEG systems technologies – Part 10: Carriage of timed metadata metrics of media in ISO base media file format – Amendment 1: Support for content-guided transcoding and spatial relationship of immersive media	35.040.40	2021-09
ISO/IEC 24773-3	Software and systems engineering – Certification of software and systems engineering professionals – Part 3: Systems engineering	35.080	2021-09
ISO/IEC 27036-1	Cybersecurity – Supplier relationships – Part 1: Overview and concepts	35.030	2021-09
ISO/IEC 27551	Information security, cybersecurity and privacy protection – Requirements for attribute-based unlinkable entity authentication	35.030	2021-09
ISO/IEC TR 63306-2	Smart manufacturing standards map (SM2) – Part 2: Catalogue	25.040.01	2021-09
IEC 80001-1	Safety, effectiveness and security in the implementation and use of connected medical devices or connected health software – Part 1: Application of risk management	11.040.01; 35.240.80	2021-09