

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 nacрте hrvatskih norma te ispravke, rezultate europske i međunarodne normizacije razvrstane po predmetnom ustroju 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 5, Metalne cijevi i priključci

HRN EN ISO 7369:2020 en pr
Cjevovodi – Metalne cijevi i priključci – Terminološki rječnik (ISO 7369:2020; EN ISO 7369:2020)
Pipework – Metal hoses and hose assemblies – Vocabulary (ISO 7369:2020; EN ISO 7369:2020)

HRN EN 14901-1:2020 en pr
Duktilne željezne cijevi, spojni dijelovi i pribor – Zahtjevi i metode ispitivanja organskih prevlaka spojnih dijelova i pribora od duktilnog željeza – 1. dio: Epoksidne prevlake (za veće opterećenje) (EN 14901-1:2014+A1:2019)
Ductile iron pipes, fittings and accessories – Requirements and test methods for organic coatings of ductile iron fittings and accessories – Part 1: Epoxy coating (heavy duty) (EN 14901-1:2014+A1:2019)

HRN EN 14901-2:2020 en pr
Duktilne željezne cijevi, spojni dijelovi i pribor – Zahtjevi i metode ispitivanja organskih prevlaka spojnih dijelova i pribora od duktilnog željeza – 2. dio: Plastomerna poliolefinska prevlaka modificirana kiselinom (TMPO) (EN 14901-2:2019)
Ductile iron pipes, fittings and accessories – Requirements and test methods for organic coatings of ductile iron fittings and accessories – Part 2: Thermoplastic acid modified polyolefin coating (TMPO) (EN 14901-2:2019)

HZN/TO 8, Brodogradnja

HRN EN ISO 11105:2020 en pr
Mala plovila – Ventilacija prostora za smještaj benzinskih motora i/ili benzinskih spremnika (ISO 11105:2020; EN ISO 11105:2020)
Small craft – Ventilation of petrol engine and/or petrol tank compartments (ISO 11105:2020; EN ISO 11105:2020)

HRN EN ISO 15083:2020 en pr
Mala plovila – Sustavi za pražnjenje kaljuže (ISO 15083:2020; EN ISO 15083:2020)
Small craft – Bilge-pumping systems (ISO 15083:2020; EN ISO 15083:2020)

HRN EN ISO 25197:2020 en pr
Mala plovila – Električni/elektronički upravljački sustavi za kormilarenje, ukapčanje spojke i regulator brzine vrtnje (ISO 25197:2020; EN ISO 25197:2020)
Small Craft – Electrical/electronic control system for steering, shift and throttle (ISO 25197:2020; EN ISO 25197:2020)

HZN/TO 21, Protupožarna i vatrogasna oprema

HRN EN 16856:2020 en pr
Prijenosni dozatori aerosola za gašenje požara (EN 16856:2020)
Portable aerosol dispensers for fire extinguishing purposes (EN 16856:2020)

HRN EN 16925:2019/Ispr.1:2020 en pr
Stabilni protupožarni sustavi – Automatski sustavi za prskanje (sprinkler sustavi) u stambenom prostoru – Projektiranje, ugradnja i održavanje (EN 16925:2018/AC:2020)
Fixed firefighting systems – Automatic residential sprinkler systems – Design, installation and maintenance (EN 16925:2018/AC:2020)

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

HRN EN ISO 4254-11:2012/A1:2020 en pr
Poljoprivredna mehanizacija – Sigurnost – 11. dio: Sakupljač bala (ISO 4254-11:2010/Amd 1:2020; EN ISO 4254-11:2010/A1:2020)
Agricultural machinery – Safety – Part 11: Pick-up balers (ISO 4254-11:2010/Amd 1:2020; EN ISO 4254-11:2010/A1:2020)

HRN EN 13525:2020 en pr
Šumarska mehanizacija – Iverači drva – Sigurnost (EN 13525:2020)
Forestry machinery – Wood chippers – Safety (EN 13525:2020)

HRN EN 17344:2020 en pr
Poljoprivredna mehanizacija – Samokretna poljoprivredna i šumarska vozila – Zahtjevi za kočni sustav (EN 17344:2020)
Agricultural machinery – Self-propelled agricultural and forestry vehicles – Requirements for braking (EN 17344:2020)

HZN/TO 28, Naftni proizvodi i maziva

HRN EN ISO 8222:2020 en pr
Sustavi za mjerenje nafte – Umjeravanje – Volumetrijske mjere, ispitivanje spremnika i mjerenja na terenu (uključujući formule za svojstva tekućina i materijala) (ISO 8222:2020; EN ISO 8222:2020)
Petroleum measurement systems – Calibration – Volumetric measures, proving tanks and field measures (including formulae for properties of liquids and materials) (ISO 8222:2020; EN ISO 8222:2020)

HRN EN ISO 8973:2002/A1:2020 en pr
Ukapljeni naftni plinovi – Metoda izračunavanja gustoće i tlaka para (ISO 8973:1997/Amd 1:2020; EN ISO 8973:1999/A1:2020)
Liquefied petroleum gases – Calculation method for density and vapour pressure (ISO 8973:1997/Amd 1:2020; EN ISO 8973:1999/A1:2020)

HRN EN ISO 14935:2020 en pr
Naftni i srodni proizvodi – Određivanje otpornosti na zapaljenje stijenja vatrootpornih tekućina (ISO 14935:2020; EN ISO 14935:2020)
Petroleum and related products – Determination of wick flame persistence of fire-resistant fluids (ISO 14935:2020; EN ISO 14935:2020)

HRN EN CEN/TR 17491:2020 en pr
Goriva za motorna vozila – Informacije o anilinu, N-metil anilinu, N-etil anilinu, N,N di-metil anilinu i sekundarnom butil-acetatu kada se upotrebljavaju kao komponente za namješavanje u bezolovni benzin (CEN/TR 17491:2020)
Automotive fuels – Information on aniline, N-methyl aniline, N-ethyl aniline, N, N di-methyl aniline and secondary-butyl acetate when used as blending components in unleaded petrol (CEN/TR 17491:2020)

HZN/TO 82, Rudarstvo

HRN EN ISO 19225:2018/A1:2020 en pr
Strojevi za podzemne rudnike – Pokretni strojevi za vađenje na širokom čelu – Sigurnosni zahtjevi za rezne valjkaste utovarivače i plugove (ISO 19225:2017/Amd 1:2019; EN ISO 19225:2017/A1:2019)
Underground mining machines – Mobile extracting machines at the face – Safety requirements for shearer loaders and plough systems (ISO 19225:2017/Amd 1:2019; EN ISO 19225:2017/A1:2019)

HZN/TO 92, Zaštita od požara

HRN EN 15269-1:2019/Ispr.1:2020 en pr
Proširena primjena rezultata ispitivanja otpornosti na požar i/ili dimopropusnosti vrata, zaslona i prozora koji se mogu otvarati, uključujući pripadajući okov – 1. dio: Opći zahtjevi (EN 15269-1:2019/AC:2020)
Extended application of test results for fire resistance and/or smoke control for door, shutter and openable window assemblies, including their elements of building hardware – Part 1: General requirements (EN 15269-1:2019/AC:2020)

HZN/TO 120, Koža i obuća

HRN EN ISO 14088:2020 en pr
Koža – Kemijska ispitivanja – Kvantitativna analiza sredstava za štavljenje metodom filtracije (ISO 14088:2020; EN ISO 14088:2020)
Leather – Chemical tests – Quantitative analysis of tanning agents by filter method (ISO 14088:2020; EN ISO 14088:2020)

HRN EN ISO 17131:2020 en pr
Koža – Identifikacija kože pomoću mikroskopije (ISO 17131:2020;
EN ISO 17131:2020)
Leather – Identification of leather with microscopy (ISO 17131:2020;
EN ISO 17131:2020)

HZN/TO 136, Namještaj

HRN EN 1335-1:2020 en pr
Uredski namještaj – Uredske radne stolice – 1. dio: Dimenzije
– Određivanje dimenzija (EN 1335-1:2020)
Office furniture – Office work chair – Part 1: Dimensions
– Determination of dimensions (EN 1335-1:2020)

HZN/TO 146, Kvaliteta zraka

HRN EN 17255-2:2020 en pr
Emisije iz nepokretnih izvora – Sustavi za prikupljanje i
obradu podataka – 2. dio: Specifikacija zahtjeva za sustave
za prikupljanje i obradu podataka (EN 17255-2:2020)
Stationary source emissions – Data acquisition and handling
systems – Part 2: Specification of requirements on data
acquisition and handling systems (EN 17255-2:2020)

HRN EN ISO 21832:2020 en pr
Zrak u radnom prostoru – Metali i polumetali u lebdjećim
česticama – Zahtjevi za vrednovanje postupaka mjerenja
(ISO 21832:2018; EN ISO 21832:2020)
Workplace air – Metals and metalloids in airborne particles
– Requirements for evaluation of measuring procedures
(ISO 21832:2018; EN ISO 21832:2020)

HZN/TO 147, Kvaliteta vode

HRN EN ISO 5667-6:2016/A11:2020 en pr
Kvaliteta vode – Uzorkovanje – 6. dio: Upute za uzorkovanje
vode rijeka i potoka (EN ISO 5667-6:2016/A11:2020)
Water quality – Sampling – Part 6: Guidance on sampling of
rivers and streams (EN ISO 5667-6:2016/A11:2020)

HZN/TO 165, Drvene konstrukcije

HRN EN ISO 8970:2020 en pr
Drvene konstrukcije – Ispitivanje spojeva izvedenih
mehaničkim spajalima – Zahtjevi za gustoću drva
(ISO 8970:2020; EN ISO 8970:2020)
Timber structures – Testing of joints made with mechanical
fasteners – Requirements for timber density (ISO 8970:2020;
EN ISO 8970:2020)

HZN/TO 172, Optika i optički instrumenti

HRN EN ISO 11553-1:2020 en pr
Sigurnost strojeva – Laserski strojevi za obradu – 1. dio:
Zahtjevi za sigurnost lasera (ISO 11553-1:2020;
EN ISO 11553-1:2020)
Safety of machinery – Laser processing machines
– Part 1: Laser safety requirements (ISO 11553-1:2020;
EN ISO 11553-1:2020)

HZN/TO 181, Sigurnost igraćaka i proizvodi za djecu

HRN EN 71-7:2020 en pr
Sigurnost igraćaka – 7. dio: Bojila za bojenje prstima
– Zahtjevi i metode ispitivanja (EN 71-7:2014+A3:2020)
Safety of toys – Part 7: Finger paints – Requirements and test
methods (EN 71-7:2014+A3:2020)

HZN/TO 207, Upravljanje okolišem

HRN EN ISO 14063:2020 en pr
Upravljanje okolišem – Komunikacija o okolišu – Smjernice i
primjeri (ISO 14063:2020; EN ISO 14063:2020)
Environmental management – Environmental communication
– Guidelines and examples (ISO 14063:2020;
EN ISO 14063:2020)

HZN/TO 211, Geoinformacije/Geomatika

HRN EN ISO 19136-1:2020 en pr
Geoinformacije – Jezik za geoznačavanje (GML) – 1. dio:
Osnove (ISO 19136-1:2020; EN ISO 19136-1:2020)
Geographic information – Geography Markup Language
(GML) – Part 1: Fundamentals (ISO 19136-1:2020;
EN ISO 19136-1:2020)

HZN/TO 215, Zdravstvena informatika

HRN EN ISO 11073-20701:2020 en pr
Zdravstvena informatika – Interoperabilnost uređaja
– Dio 20701: Povezivost medicinskog uređaja na
mjestu pregleda pacijenta – Arhitektura uređaja za
pružanje medicinskih usluga i protocol za povezivanje
(ISO/IEEE 11073-20701:2020; EN ISO 11073-20701:2020)
Health informatics – Device interoperability – Part 20701:
Point-of-care medical device communication – Service oriented
medical device exchange architecture and protocol binding
(ISO/IEEE 11073-20701:2020; EN ISO 11073-20701:2020)

HZN/TO 218, Drvo

HRN EN 1390:2020 en pr
Sredstva za zaštitu drva – Određivanje postupaka istrijebljenja
Hylotrupes bajulus (Linnaeus) larve – Laboratorijska metoda
(EN 1390:2020)
Wood preservatives – Determination of the eradicator action
against Hylotrupes bajulus (Linnaeus) larvae – Laboratory
method (EN 1390:2020)

HRN EN 14915:2020 en pr
Zidne i stropne obloge od cjelovitoga drva – Značajke, zahtjevi
i označavanje (EN 14915:2013+A2:2020)
Solid wood panelling and cladding – Characteristics,
requirements and marking (EN 14915:2013+A2:2020)

HZN/TO 502, Plinski uređaji

HRN EN 484:2019/Ispr.1:2020 en pr
Specifikacija za uređaje na ukapljeni naftni plin – Samostalni
uređaji za kuhanje, uključujući one s roštiljem, za primjenu na
otvorenom (EN 484:2019/AC:2020)
Specification for dedicated liquefied petroleum gas appliances
– Independent stoves, including those incorporating a grill for
outdoor use (EN 484:2019/AC:2020)

HZN/TO 503, Metalni materijali

HRN EN 1676:2020 en pr
Aluminij i aluminijeve legure – Legirani ingoti za pretaljanje
– Specifikacije (EN 1676:2020)
Aluminium and aluminium alloys – Alloyed ingots for remelting
– Specifications (EN 1676:2020)

HRN EN 1706:2020 en pr
Aluminij i aluminijeve legure – Odljevci – Kemijski sastav i
mehanička svojstva (EN 1706:2020)
Aluminium and aluminium alloys – Castings – Chemical
composition and mechanical properties (EN 1706:2020)

HRN EN 10139:2020 en pr
Hladno valjane trake bez prevlaka od niskougličnog
čelika za hladno oblikovanje – Tehnički uvjeti isporuke
(EN 10139:2016+A1:2020)
Cold rolled uncoated low carbon steel narrow strip
for cold forming – Technical delivery conditions
(EN 10139:2016+A1:2020)

HRN EN 10372:2020 en pr
Sustav praćenja kvalitete za plosnate čelične proizvode
upotrebom barkoda – Tiskanje, očitavanje i obrada informacija
(EN 10372:2020)
Quality tracking system for flat steel products using
barcode – Printing, reading and information processing
(EN 10372:2020)

HRN EN ISO 21809-3:2016/A1:2020 en pr
Industrija nafte i zemnoga plina – Vanjske prevlake
podzemne ili podvodne cjevovode za upotrebu u cjevovodnim
transportnim sustavima – 3. dio: Prevlake za spojeve izvedene
na gradilištu – Amandman 1: Uvođenje sustava prevlaka s
mrežicom za armiranje (ISO 21809-3:2016/Amd 1:2020;
EN ISO 21809-3:2016/A1:2020)
Petroleum and natural gas industries – External coatings
for buried or submerged pipelines used in pipeline
transportation systems – Part 3: Field joint coatings
– Amendment 1: Introduction of mesh-backed
coating systems (ISO 21809-3:2016/Amd 1:2020;
EN ISO 21809-3:2016/A1:2020)

HZN/TO 505, Prijenos i distribucija plina

HRN EN ISO 20088-2:2020 en pr
Određivanje otpornosti izolacijskih materijala na propuštanje kriogenih izljevaja – 2. dio: Izloženost isparavanjima (ISO 20088-2:2020; EN ISO 20088-2:2020)
Determination of the resistance to cryogenic spill of insulation materials – Part 2: Vapour exposure (ISO 20088-2:2020; EN ISO 20088-2:2020)

HZN/TO 508, Ambalaža i pakiranje

HRN EN ISO 12822:2020 en pr
Staklena ambalaža – Krunsko grlo 26 H 126 – Dimenzije (ISO 12822:2020; EN ISO 12822:2020)
Glass packaging – 26 H 126 crown finish – Dimensions (ISO 12822:2020; EN ISO 12822:2020)

HZN/TO 522, Karakterizacija i zbrinjavanje otpada

HRN EN 840-1:2020 en pr
Pokretni spremnici za otpad i recikliranje – 1. dio: Spremnici s 2 kotača obujma do 400 l za uporabu pomoću naprava za podizanje – Dimenzije i dizajn (EN 840-1:2020)
Mobile waste and recycling containers – Part 1: Containers with 2 wheels with a capacity up to 400 l for comb lifting devices – Dimensions and design (EN 840-1:2020)

HRN EN 840-2:2020 en pr
Pokretni spremnici za otpad i recikliranje – 2. dio: Spremnici s 4 kotača obujma do 1 300 l s ravnim poklopcem za podizanje pomoću rukavaca i/ili naprava za podizanje – Dimenzije i dizajn (EN 840-2:2020)
Mobile waste and recycling containers – Part 2: Containers with 4 wheels with a capacity up to 1 300 l with flat lid(s), for trunnion and/or comb lifting devices – Dimensions and design (EN 840-2:2020)

HRN EN 840-3:2020 en pr
Pokretni spremnici za otpad i recikliranje – 3. dio: Spremnici s 4 kotača obujma do 1 300 l s kliznim poklopcem za podizanje pomoću rukavaca i/ili naprava za podizanje – Dimenzije i dizajn (EN 840-3:2020)
Mobile waste and recycling containers – Part 3: Containers with 4 wheels with a capacity up to 1 300 l with dome lid(s), for trunnion and/or comb lifting devices – Dimensions and design (EN 840-3:2020)

HRN EN 840-4:2020 en pr
Pokretni spremnici za otpad i recikliranje – 4. dio: Spremnici s 4 kotača obujma do 1 700 l s ravnim poklopcem za utovar sustavom široki rukavac ili BG- i/ili utovar napravama za podizanje – Dimenzije i dizajn (EN 840-4:2020)
Mobile waste and recycling containers – Part 4: Containers with 4 wheels with a capacity up to 1 700 l with flat lid(s), for wide trunnion or BG- and/or wide comb lifting devices – Dimensions and design (EN 840-4:2020)

HRN EN 840-5:2020 en pr
Pokretni spremnici za otpad i recikliranje – 5. dio: Zahtjevi izvedbe i metode ispitivanja (EN 840-5:2020)
Mobile waste and recycling containers – Part 5: Performance requirements and test methods (EN 840-5:2020)

HRN EN 840-6:2020 en pr
Pokretni spremnici za otpad i recikliranje – 6. dio: Sigurnosni i zdravstveni zahtjevi (EN 840-6:2020)
Mobile waste and recycling containers – Part 6: Safety and health requirements (EN 840-6:2020)

HZN/TO 524, Inteligentni transportni sustavi

HRS CEN/TS 17400:2020 en pr
Inteligentni transportni sustavi – Gradski ITS – Metode i programski prevoditelji u okruženju različitih isporučitelja (CEN/TS 17400:2020)
Intelligent transport systems – Urban ITS – Mixed vendor environments, methodologies & translators (CEN/TS 17400:2020)

HRS CEN/TS 17413:2020 en pr
Inteligentni transportni sustavi – Gradski ITS – Modeli i definicije za nove načine rada (CEN/TS 17413:2020)
Intelligent transport systems – Urban ITS – Models and definitions for new modes (CEN/TS 17413:2020)

HZN/TO 528, Oprema za željeznice

HRN EN 13146-4:2020 en pr
Željeznički sustav – Željeznički gornji ustroj – Metode ispitivanja za kolosiječni pričvrtni pribor – 4. dio: Utjecaj ponavljanja opterećenja (EN 13146-4:2020)
Railway applications – Track – Test methods for fastening systems – Part 4: Effect of repeated loading (EN 13146-4:2020)

HRN EN 13146-9:2020 en pr
Željeznički sustav – Željeznički gornji ustroj – Metode ispitivanja za kolosiječni pričvrtni pribor – 9. dio: Određivanje krutosti (EN 13146-9:2020)
Railway applications – Track – Test methods for fastening systems – Part 9: Determination of stiffness (EN 13146-9:2020)

HRN EN 13230-6:2020 en pr
Željeznički sustav – Željeznički gornji ustroj – Betonski pragovi i nosači – 6. dio: Projektiranje (EN 13230-6:2020)
Railway applications – Track – Concrete sleepers and bearers – Part 6: Design (EN 13230-6:2020)

HRN EN 15227:2020 en pr
Željeznički sustav – Zahtjevi za otpornost tračničkih vozila na sudare (EN 15227:2020)
Railway applications – Crashworthiness requirements for rail vehicles (EN 15227:2020)

HRN EN 15611:2020 en pr
Željeznički sustav – Kočenje – Prijenosni ventili (EN 15611:2020)
Railway applications – Braking – Relay valves (EN 15611:2020)

HZN/TO 531, Plastika i guma

HRN EN ISO 19064-2:2020 en pr
Plastika – Stiren/akrilonitril (SAN) prešani i ekstrudirani materijali – 2. dio: Priprema ispitaka i određivanje svojstava (ISO 19064-2:2020; EN ISO 19064-2:2020)
Plastics – Styrene-acrylonitrile (SAN) moulding and extrusion materials – Part 2: Preparation of test specimens and determination of properties (ISO 19064-2:2020; EN ISO 19064-2:2020)

HRN EN ISO 19066-2:2020 en pr
Plastika – Metil-metakrilat/akrilonitril/butadien/stirenski (MABS) prešani i ekstrudirani materijali – 2. dio: Priprema ispitaka i određivanje njihovih svojstava (ISO 19066-2:2020; EN ISO 19066-2:2020)
Plastics – Methyl methacrylate-acrylonitrile-butadiene-styrene (MABS) moulding and extrusion materials – Part 2: Preparation of test specimens and determination of properties (ISO 19066-2:2020; EN ISO 19066-2:2020)

HZN/TO 532, Dimnjaci

HRN EN 16475-1:2020 en pr
Dimnjaci – Pribor – 1. dio: Prigušivači za dimnjak – Zahtjevi i metode ispitivanja (EN 16475-1:2020)
Chimneys – Accessories – Part 1: Chimney silencers – Requirements and test methods (EN 16475-1:2020)

HRN EN 16475-4:2020 en pr
Dimnjaci – Pribor – 4. dio: Dimovodne zaklopke – Zahtjevi i metode ispitivanja (EN 16475-4:2020)
Chimneys – Accessories – Part 4: Flue dampers – Requirements and test methods (EN 16475-4:2020)

HRN EN 16475-6:2020 en pr
Dimnjaci – Pribor – 6. dio: Pristup kontrolnom otvoru dimnjaka – Zahtjevi i metode ispitivanja (EN 16475-6:2020)
Chimneys – Accessories – Part 6: Access components – Requirements and test methods (EN 16475-6:2020)

HZN/TO 535, Agregati

HRN EN 1097-2:2020 en pr
Ispitivanja mehaničkih i fizikalnih svojstava agregata – 2. dio: Metode za određivanje otpornosti na drobljenje (EN 1097-2:2020)
Tests for mechanical and physical properties of aggregates – Part 2: Methods for the determination of resistance to fragmentation (EN 1097-2:2020)

HRN EN 1097-8:2020 en pr
Ispitivanja mehaničkih i fizikalnih svojstava agregata – 8. dio: Određivanje vrijednosti polirnosti kamena (EN 1097-8:2020)
Tests for mechanical and physical properties of aggregates – Part 8: Determination of the polished stone value (EN 1097-8:2020)

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

HRN EN ISO 10360-5:2020 en pr
Geometrijske specifikacije proizvoda (GSP) – Testovi za prihvatljivost i naknadnu provjeru trokoordinatnih mjernih sustava (TMU) – 5. dio: Trokoordinatni mjerni uređaji (TMU) s jednostrukim i višestrukim sustavima ticala koji koriste metodu mjerenja diskretne točke i/ili skeniranja (ISO 10360-5:2020; EN ISO 10360-5:2020)
Geometrical product specifications (GPS) – Acceptance and reverification tests for coordinate measuring systems (CMS) – Part 5: Coordinate measuring machines (CMMs) using single and multiple stylus contacting probing systems using discrete point and/or scanning measuring mode (ISO 10360-5:2020; EN ISO 10360-5:2020)

HRN EN ISO 16610-29:2020 en pr
Geometrijske specifikacije proizvoda (GSP) – Filtriranje – 29. dio: Filtri linearnog profila: Valovi (ISO 16610-29:2020; EN ISO 16610-29:2020)
Geometrical product specifications (GPS) – Filtration – Part 29: Linear profile filters: Wavelets (ISO 16610-29:2020; EN ISO 16610-29:2020)

HZN/TO 539, Kemijski dezinficijensi i antiseptici

HRN EN 17272:2020 en pr
Kemijski dezinficijensi i antiseptici – Metode dezinfekcije prostorija zrakom automatskim procesima – Određivanje baktericidne, mikobaktericidne, sporocidne, fungicidne, djelotvornosti na kvasce, virucidne i fagocidne djelotvornosti (EN 17272:2020)
Chemical disinfectants and antiseptics – Methods of airborne room disinfection by automated process – Determination of bactericidal, mycobactericidal, sporocidal, fungicidal, yeastocidal, virucidal and phagocidal activities (EN 17272:2020)

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

HRN EN ISO 16484-6:2020 en pr
Upravljanje u zgradarstvu i upravljački sustavi (BACS) – 6. dio: Ispitivanje sukladnosti podatkovne komunikacije (ISO 16484-6:2020; EN ISO 16484-6:2020)
Building automation and control systems (BACS) – Part 6: Data communication conformance testing (ISO 16484-6:2020; EN ISO 16484-6:2020)

HRN EN ISO 20361:2019/A11:2020 en pr
Pumpe i pumpne jedinice za kapljevine – Ispitna pravila za mjerenje buke – 2. i 3. razred točnosti (EN ISO 20361:2019/A11:2020)
Liquid pumps and pumps units – Noise test code – Grades 2 and 3 of accuracy (EN ISO 20361:2019/A11:2020)

HZN/TO 543, Poštanske usluge

HRS CEN/TS 15130:2020 en pr
Poštanske usluge – DPM infrastruktura – Poruke za podršku DPM aplikacijama (CEN/TS 15130:2020)
Postal services – DPM infrastructure – Messages supporting DPM applications (CEN/TS 15130:2020)

HZN/TO 544, Strojni elementi

HRN EN ISO 3506-1:2020 en pr
Spojni elementi – Mehanička svojstva spojnih elemenata izrađenih od nehrđajućih čelika – 1. dio: Vijci i svorni vijci s utvrđenom vrstom i razredom čelika i razredom čvrstoće (ISO 3506-1:2009; EN ISO 3506-1:2009)
Fasteners – Mechanical properties of corrosion-resistant stainless steel fasteners – Part 1: Bolts, screws and studs with specified grades and property classes (ISO 3506-1:2020; EN ISO 3506-1:2020)

HRN EN ISO 3506-2:2020 en pr
Spojni elementi – Mehanička svojstva spojnih elemenata izrađenih od nehrđajućih čelika – 2. dio: Matice s utvrđenom vrstom i razredom čelika i razredom čvrstoće (ISO 3506-2:2020; EN ISO 3506-2:2020)
Fasteners – Mechanical properties of corrosion-resistant stainless steel fasteners – Part 2: Nuts with specified grades and property classes (ISO 3506-2:2020; EN ISO 3506-2:2020)

HZN/TO 546, Očuvanje kulturne baštine

HRN EN 17187:2020 en pr
Očuvanje kulturne baštine – Karakterizacija mortova koji se upotrebljavaju na kulturnoj baštini (EN 17187:2020)
Conservation of cultural heritage – Characterization of mortars used in cultural heritage (EN 17187:2020)

HZN/TO 550, Opskrba vodom

HRN EN 12897:2020 en pr
Opskrba vodom – Specifikacija za neizravno grijane, neventilirane (zatvorene) akumulacijske grijalice za vodu (EN 12897:2016+A1:2020)
Water supply – Specification for indirectly heated unvented (closed) storage water heaters (EN 12897:2016+A1:2020)

HZN/TO 551, Gradnja

HRN EN ISO 21597-1:2020 en pr
Spremnik informacija za isporuku povezanih dokumenata – Specifikacija razmjene – 1. dio: Spremnik (ISO 21597-1:2020; EN ISO 21597-1:2020)
Information container for linked document delivery – Exchange specification – Part 1: Container (ISO 21597-1:2020; EN ISO 21597-1:2020)

HZN/TO 557, Zaštitna odjeća

HRN EN 407:2020 en pr
Zaštitna rukavice i ostala oprema za zaštitu ruku od toplinskih rizika (topline i/ili vatre) (EN 407:2020)
Protective gloves and other hand protective equipments against thermal risks (heat and/or fire) (EN 407:2020)

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

HRN EN ISO 20320:2020 en pr
Zaštitna odjeća za upotrebu pri daskanju na snijegu – Štitnici zapešća – Zahtjevi i metode ispitivanja (ISO 20320:2020; EN ISO 20320:2020)
Protective clothing for use in Snowboarding – Wrist Protectors – Requirements and test methods (ISO 20320:2020; EN ISO 20320:2020)

HZN/TO 559, Zaporni, regulacijski i sigurnosni uređaji

HRN EN ISO 8659:2020 en pr
Termoplastični zaporni uređaji – Dinamička (trajna) čvrstoća – Ispitna metoda (ISO 8659:2020; EN ISO 8659:2020)
Thermoplastics valves – Fatigue strength – Test method (ISO 8659:2020; EN ISO 8659:2020)

HRN EN 16767:2020 en pr
Industrijski zaporni uređaji – Metalne protupovratne zaklopke (EN 16767:2020)
Industrial valves – Metallic check valves (EN 16767:2020)

HZN/TO 560, Tekstilni proizvodi

HRN EN ISO 1833-28:2020 en pr
Tekstil – Kvantitativna kemijska analiza – 28. dio: Mješavine hitozana s nekim drugim vlaknima (metoda s uporabom razrijeđene octene kiseline) (ISO 1833-28:2019; EN ISO 1833-28:2020)
Textiles – Quantitative chemical analysis – Part 28: Mixtures of chitosan with certain other fibres (method using diluted acetic acid) (ISO 1833-28:2019; EN ISO 1833-28:2020)

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

HRN EN 1440:2020 en pr
Oprema i pribor za UNP – Prenosive, ponovno punjive čelične boce za ukapljeni naftni plin (UNP) uobičajeno zavarene i tvrdo lemljene – Periodični pregled (EN 1440:2016+A2:2020)
LPG equipment and accessories – Transportable refillable traditional welded and brazed steel Liquefied Petroleum Gas (LPG) cylinders – Periodic inspection (EN 1440:2016+A2:2020)

HRN EN ISO 11118:2015/A1:2020 en pr
Plinske boce – Jednokratno punjive metalne plinske boce – Specifikacija i metode ispitivanja (ISO 11118:2015/Amd 1:2019; EN ISO 11118:2015/A1:2020)
Gas cylinders – Non-refillable metallic gas cylinders – Specification and test methods (ISO 11118:2015/Amd 1:2019; EN ISO 11118:2015/A1:2020)

HRN EN 13480-2:2017/A7:2020 en pr
Metalni industrijski cjevovodi – 2. dio: Materijali (EN 13480-2:2017/A7:2020)
Metallic industrial piping – Part 2: Materials (EN 13480-2:2017/A7:2020)

HRN EN 16728:2020 en pr
Oprema i pribor za UNP – Prenosive, ponovno punjive boce za UNP osim zavarenih i tvrdo lemljenih čeličnih boca – Periodični pregled (EN 16728:2016+A2:2020)
LPG equipment and accessories – Transportable refillable LPG cylinders other than traditional welded and brazed steel cylinders – Periodic inspection (EN 16728:2016+A2:2020)

HRN EN ISO 16964:2020 en pr
Plinske boce – Sklopovi od savitljivih crijeva – Specifikacija i ispitivanje (ISO 16964:2019; EN ISO 16964:2020)
Gas cylinders – Flexible hoses assemblies – Specification and testing (ISO 16964:2019; EN ISO 16964:2020)

HZN/TO 562, *Alatni strojevi i alati*

HRN EN 12413:2020 en pr
Sigurnosni zahtjevi za proizvode od lijepljenih abraziva (EN 12413:2019)
Safety requirements for bonded abrasive products (EN 12413:2019)

HRN EN ISO 19085-11:2020 en pr
Strojevi za obradu drva – Sigurnost – 11. dio: Kombinirani strojevi (ISO 19085-11:2020; EN ISO 19085-11:2020)
Woodworking machines – Safety – Part 11: Combined machines (ISO 19085-11:2020; EN ISO 19085-11:2020)

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

HRN EN ISO 7932:2005/A1:2020 en pr
Mikrobiologija hrane i hrane za životinje – Horizontalna metoda za brojenje *Bacillus cereus* – Tehnika brojenja kolonija pri 30 °C – Amandman 1: Provođenje dodatnih ispitivanja (ISO 7932:2004/Amd 1:2020; EN ISO 7932:2004/A1:2020)
Microbiology of food and animal feeding stuffs – Horizontal method for the enumeration of presumptive *Bacillus cereus* – Colony-count technique at 30 degrees C – Amendment 1: Inclusion of optional tests (ISO 7932:2004/Amd 1:2020; EN ISO 7932:2004/A1:2020)

HZN/TO 569, *Hrana za životinje*

HRN EN 17362:2020 en pr
Hrana za životinje: Metode uzorkovanja i analize – Određivanje pentaklorofenola (PCP) u krmivima i krmnim smjesama metodom LC-MS/MS (EN 17362:2020)
Animal feeding stuffs: Methods of sampling and analysis – Determination of pentachlorophenol (PCP) in feed materials and compound feed by LC-MS/MS (EN 17362:2020)

HRS CEN/TS 17455:2020 en pr
Hrana za životinje – Metode uzorkovanja i analize – Kriteriji prihvatljivosti za interno validirane metode analize i metode analize validirane suradničkim pokusima za određivanje mikotoksina (CEN/TS 17455:2020)
Animal feeding stuffs – Methods of sampling and analysis – Performance criteria for single laboratory validated and ring-trial validated methods of analysis for the determination of mycotoxins (CEN/TS 17455:2020)

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

HRN EN 1651:2020 en pr
Oprema za paraglajding – Sigurnosno remenje – Zahtjevi za sigurnost i ispitivanje izdržljivosti (EN 1651:2018+A1:2020)
Paragliding equipment – Harnesses – Safety requirements and strength tests (EN 1651:2018+A1:2020)

HRN EN ISO 5912:2020 en pr
Šatori za kampiranje – Zahtjevi i metode ispitivanja (ISO 5912:2020; EN ISO 5912:2020)
Camping tents – Requirements and test methods (ISO 5912:2020; EN ISO 5912:2020)

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

HRN EN ISO 14239:2020 en pr
Kvaliteta tla – Laboratorijski sustavi inkubacije za određivanje mineralizacije organskih spojeva u tlu u aerobnim uvjetima (ISO 14239:2017; EN ISO 14239:2020)
Soil quality – Laboratory incubation systems for measuring the mineralization of organic chemicals in soil under aerobic conditions (ISO 14239:2017; EN ISO 14239:2020)

HRN EN ISO 15473:2020 en pr
Kvaliteta tla – Upute za laboratorijsko ispitivanje biodegradacije organskih spojeva u tlu u anaerobnim uvjetima (ISO 15473:2002; EN ISO 15473:2020)
Soil quality – Guidance on laboratory testing for biodegradation of organic chemicals in soil under anaerobic conditions (ISO 15473:2002; EN ISO 15473:2020)

HRN EN ISO 18763:2020 en pr
Kvaliteta tla – Određivanje toksičnih učinaka onečišćujućih tvari na klijanje i rani rast viših biljaka (ISO 18763:2016; EN ISO 18763:2020)
Soil quality – Determination of the toxic effects of pollutants on germination and early growth of higher plants (ISO 18763:2016; EN ISO 18763:2020)

HRN EN ISO 21285:2020 en pr
Kvaliteta tla – Inhibicija reprodukcije/razmnožavanja zemljišnih grinja (*Hypoaspis aculeifer*) onečišćivačima tla (ISO 21285:2019; EN ISO 21285:2020)
Soil quality – Inhibition of reproduction of the soil mite (*Hypoaspis aculeifer*) by soil contaminants (ISO 21285:2019; EN ISO 21285:2020)

HRN EN ISO 21286:2020 en pr
Kvaliteta tla – Identifikacija ekotoksikoloških ispitnih vrsta pomoću barkodiranja DNA (ISO 21286:2019; EN ISO 21286:2020)
Soil quality – Identification of ecotoxicological test species by DNA barcoding (ISO 21286:2019; EN ISO 21286:2020)

HZN/TO E9, *Električna oprema za željeznicu*

HRN EN 50119:2020 en pr
Željeznički sustav – Stabilna postrojenja – Nadzemni kontaktni vodovi u električnoj vuči (EN 50119:2020)
Railway applications – Fixed installations – Electric traction overhead contact lines (EN 50119:2020)

HZN/TO E11, *Nadzemni vodovi*

HRN EN IEC 61854:2020 en pr
Nadzemni vodovi – Zahtjevi i ispitivanja za odstoynike (IEC 61854:2020; EN IEC 61854:2020)
Overhead lines – Requirements and tests for spacers (IEC 61854:2020; EN IEC 61854:2020)

HRN EN IEC 61897:2020 en pr
Nadzemni vodovi – Zahtjevi i ispitivanja za eolske prigušivače vibracija (IEC 61897:2020; EN IEC 61897:2020)
Overhead lines – Requirements and tests for Aeolian vibration dampers (IEC 61897:2020; EN IEC 61897:2020)

HZN/TO E17, *Sklopni i upravljački uređaji*

HRN EN IEC 61439-7:2020 en pr
Niskonaponski sklopni blokovi – 7. dio: Blokovi za posebne primjene, kao što su marine, kampovi, tržnice i postaje za punjenje električnih vozila (IEC 61439-7:2018+Corr.1:2019; EN IEC 61439-7:2020)
Low-voltage switchgear and controlgear assemblies – Part 7: Assemblies for specific applications such as marinas, camping sites, market squares, electrical vehicles charging stations (IEC 61439-7:2018+Corr.1:2019; EN IEC 61439-7:2020)

HZN/TO E22, Energetska elektronika

HRN EN IEC 60633:2019/Ispr.1:2020 en pr
Prijenos istosmjernom strujom visokog napona (HVDC) – Rječnik (IEC 60633:2019/Corr.1:2020; EN IEC 60633:2019/AC:2020)
High-voltage direct current (HVDC) transmission – Vocabulary (IEC 60633:2019/Corr.1:2020; EN IEC 60633:2019/AC:2020)

HZN/TO E56, Pouzdanost

HRN EN IEC 61163-2:2020 en pr
Provjera pouzdanosti naprezanjem – 2. dio: Komponente (IEC 61163-2:2020; EN IEC 61163-2:2020)
Reliability stress screening – Part 2: Components (IEC 61163-2:2020; EN IEC 61163-2:2020)

HZN/TO E57, Upravljanje energetske sustavom i pridružene komunikacije

HRN EN 61850-7-2:2011/A1:2020 en pr
Komunikacijske mreže i sustavi za automatizaciju u elektroprivredi – Dio 7-2: Osnovna informatička i komunikacijska struktura – Apstraktno sučelje komunikacijskih usluga (ACSI) (IEC 61850-7-2:2010/am1:2020; EN 61850-7-2:2010/A1:2020)
Communication networks and systems for power utility automation – Part 7-2: Basic information and communication structure – Abstract communication service interface (ACSI) (IEC 61850-7-2:2010/am1:2020; EN 61850-7-2:2010/A1:2020)

HRN EN 61850-7-4:2011/A1:2020 en pr
Komunikacijske mreže i sustavi za automatizaciju u elektroprivredi – Dio 7-4: Osnovna komunikacijska struktura – Klase kompatibilnih logičkih čvorišta i klase podatkovnih objekata (IEC 61850-7-4:2010/am1:2020; EN 61850-7-4:2010/A1:2020)
Communication networks and systems for power utility automation – Part 7-4: Basic communication structure – Compatible logical node classes and data object classes (IEC 61850-7-4:2010/am1:2020; EN 61850-7-4:2010/A1:2020)

HRN EN 61850-8-1:2014/A1:2020 en pr
Komunikacijske mreže i sustavi za automatizaciju u elektroprivredi – Dio 8-1: Pridjeljivanje specifičnih komunikacijskih usluga (SCSM) – Pridjeljivanje u MMS (ISO 9506-1 i ISO 9506-2) i ISO/IEC 8802-3 (IEC 61850-8-1:2011/am1:2020; EN 61850-8-1:2011/A1:2020)
Communication networks and systems for power utility automation – Part 8-1: Specific communication service mapping (SCSM) – Mappings to MMS (ISO 9506-1 and ISO 9506-2) and to ISO/IEC 8802-3 (IEC 61850-8-1:2011/am1:2020; EN 61850-8-1:2011/A1:2020)

HRN EN 61850-9-2:2014/A1:2020 en pr
Komunikacijske mreže i sustavi za automatizaciju u elektroprivredi – Dio 9-2: Specifična komunikacijska usluga preslikavanja (SCSM) – Uzorkovanje putem ISO/IEC 8802-3 (IEC 61850-9-2:2011/am1:2020; EN 61850-9-2:2011/A1:2020)
Communication networks and systems for power utility automation – Part 9-2: Specific communication service mapping (SCSM) – Sampled values over ISO/IEC 8802-3 (IEC 61850-9-2:2011/am1:2020; EN 61850-9-2:2011/A1:2020)

HRN EN 62351-3:2015/A2:2020 en pr
Upravljanje energetske sustavima i povezana razmjena podataka – Sigurnost podataka i komunikacija – 3. dio: Sigurnost komunikacijske mreže i sustava – Profili koji uključuju TCP/IP (IEC 62351-3:2014/am2:2020; EN 62351-3:2014/A2:2020)
Power systems management and associated information exchange – Data and communications security – Part 3: Communication network and system security – Profiles including TCP/IP (IEC 62351-3:2014/am2:2020; EN 62351-3:2014/A2:2020)

HZN/TO E61, Sigurnost električnih kućanskih i sličnih aparata

HRN EN 60335-2-17:2013/A1:2020 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-17: Posebni zahtjevi za grijače pokrivače, jastuke i slične gibljive grijače aparate (IEC 60335-2-17:2012/am1:2015; EN 60335-2-17:2013/A1:2020)
Household and similar electrical appliances – Safety – Part 2-17: Particular requirements for blankets, pads, clothing and similar flexible heating appliances (IEC 60335-2-17:2012/am1:2015; EN 60335-2-17:2013/A1:2020)

HRN EN 60335-2-27:2014/A1:2020 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-27: Posebni zahtjevi za aparate za izlaganje kože ultraljubičastomu i infracrvenomu zračenju (IEC 60335-2-27:2009/am1:2012; EN 60335-2-27:2013/A1:2020)
Household and similar electrical appliances – Safety – Part 2-27: Particular requirements for appliances for skin exposure to ultraviolet and infrared radiation (IEC 60335-2-27:2009/am1:2012; EN 60335-2-27:2013/A1:2020)

HRN EN 60335-2-27:2014/A2:2020 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-27: Posebni zahtjevi za aparate za izlaganje kože ultraljubičastomu i infracrvenomu zračenju (IEC 60335-2-27:2009/am2:2015; EN 60335-2-27:2013/A2:2020)
Household and similar electrical appliances – Safety – Part 2-27: Particular requirements for appliances for skin exposure to ultraviolet and infrared radiation (IEC 60335-2-27:2009/am2:2015; EN 60335-2-27:2013/A2:2020)

HRN EN 60335-2-30:2011/A1:2020 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-30: Posebni zahtjevi za grijalice prostorija (IEC 60335-2-30:2009/am1:2016; EN 60335-2-30:2009/A1:2020)
Household and similar electrical appliances – Safety – Part 2-30: Particular requirements for room heaters (IEC 60335-2-30:2009/am1:2016; EN 60335-2-30:2009/A1:2020)

HRN EN 60335-2-6:2015/A11:2020 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-6: Posebni zahtjevi za nepomične štednjake, kuhala, pećnice i slične aparate (EN 60335-2-6:2015/A11:2020)
Household and similar electrical appliances – Safety – Part 2-6: Particular requirements for stationary cooking ranges, hobs, ovens and similar appliances (EN 60335-2-6:2015/A11:2020)

HRN EN 60335-2-6:2015/A1:2020 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-6: Posebni zahtjevi za nepomične štednjake, kuhala, pećnice i slične aparate (IEC 60335-2-6:2014/am1:2018; EN 60335-2-6:2015/A1:2020)
Household and similar electrical appliances – Safety – Part 2-6: Particular requirements for stationary cooking ranges, hobs, ovens and similar appliances (IEC 60335-2-6:2014/am1:2018; EN 60335-2-6:2015/A1:2020)

HZN/TO E62, Električna oprema u medicinskoj praksi

HRN EN IEC 60580:2020 en pr
Medicinska električna oprema – Mjerila radioaktivne ozračenosti prostora (IEC 60580:2019; EN IEC 60580:2020)
Medical electrical equipment – Dose area product meters (IEC 60580:2019; EN IEC 60580:2020)

HRN EN IEC 60601-2-31:2020 en pr
Medicinska električna oprema – Dio 2-31: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke vanjskih elektrostimulatora srca s vlastitim izvorom napajanja (IEC 60601-2-31:2020; EN IEC 60601-2-31:2020)
Medical electrical equipment – Part 2-31: Particular requirements for the basic safety and essential performance of external cardiac pacemakers with internal power source (IEC 60601-2-31:2020; EN IEC 60601-2-31:2020)

HRN EN 60601-2-43:2011/A2:2020 en pr
Medicinska električna oprema – Dio 2-43: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke rendgenskih uređaja za intervencijske zahvate (IEC 60601-2-43:2010/am2:2019; EN 60601-2-43:2010/A2:2020)
Medical electrical equipment – Part 2-43: Particular requirements for the basic safety and essential performance of X-ray equipment for interventional procedures (IEC 60601-2-43:2010/am2:2019; EN 60601-2-43:2010/A2:2020)

HRN EN 60601-2-65:2013/A1:2020 en pr
Medicinska električna oprema – Dio 2-65: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke stomatološke intraoralne rendgenske opreme (IEC 60601-2-65:2012/am1:2017; EN 60601-2-65:2013/A1:2020)
Medical electrical equipment – Part 2-65: Particular requirements for the basic safety and essential performance of dental intra-oral X-ray equipment (IEC 60601-2-65:2012/am1:2017; EN 60601-2-65:2013/A1:2020)

HRN EN IEC 60601-2-83:2020 en pr
Medicinska električna oprema – Dio 2-83: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke uređaja za svjetlosnu terapiju za kućnu uporabu (IEC 60601-2-83:2019; EN IEC 60601-2-83:2020)
Medical electrical equipment – Part 2-83: Particular requirements for the basic safety and essential performance of home light therapy equipment (IEC 60601-2-83:2019; EN IEC 60601-2-83:2020)

HRN EN IEC 61223-3-6:2020 en pr
Vrednovanje i rutinska ispitivanja na odjelima za medicinsko snimanje – Dio 3-6: Ispitivanja prihvatljivosti i nepromjenljivosti – Učinkovitost snimanja rendgenske opreme za mamografiju koja se upotrebljava u načinu rada tomosinteze u mamografiji (IEC 61223-3-6:2020; EN IEC 61223-3-6:2020)
Evaluation and routine testing in medical imaging departments – Part 3-6: Acceptance and constancy tests – Imaging performance of mammographic X-ray equipment used in a mammographic tomosynthesis mode of operation (IEC 61223-3-6:2020; EN IEC 61223-3-6:2020)

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

HRN EN IEC 80601-2-60:2020 en pr
Medicinska električna oprema – Dio 2-60: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke stomatološke opreme (IEC 80601-2-60:2019; EN IEC 80601-2-60:2020)
Medical electrical equipment – Part 2-60: Particular requirements for the basic safety and essential performance of dental equipment (IEC 80601-2-60:2019; EN IEC 80601-2-60:2020)

HRN EN IEC 80601-2-78:2020 en pr
Medicinska električna oprema – Dio 2-78: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke medicinskih robota za rehabilitaciju, procjenu, kompenzaciju ili ublažavanje (IEC 80601-2-78:2019; EN IEC 80601-2-78:2020)
Medical Electrical Equipment – Part 2-78: Particular requirements for the basic safety and essential performance of medical robots for rehabilitation, assessment, compensation or alleviation (IEC 80601-2-78:2019; EN IEC 80601-2-78:2020)

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

HRN EN 50212:2020 en pr
Konektori za termoelektrična osjetila (EN 50212:2020)
Connectors for thermoelectric sensors (EN 50212:2020)

HZN/TO E72, Naprave za automatsko upravljanje u kućanstvu

HRN EN IEC 60730-2-11:2020 en pr
Električne naprave za automatsko upravljanje – Dio 2-11: Posebni zahtjevi za regulatore energije (IEC 60730-2-11:2019; EN IEC 60730-2-11:2020)
Automatic electrical controls – Part 2-11: Particular requirements for energy regulators (IEC 60730-2-11:2019; EN IEC 60730-2-11:2020)

HRN EN 60730-2-6:2016/A1:2020 en pr
Električne naprave za automatsko upravljanje – Dio 2-6: Posebni zahtjevi za električne regulatore tlaka, uključujući mehaničke zahtjeve (IEC 60730-2-6:2015/am1:2019; EN 60730-2-6:2016/A1:2020)
Automatic electrical controls – Part 2-6: Particular requirements for automatic electrical pressure sensing controls including mechanical requirements (IEC 60730-2-6:2015/am1:2019; EN 60730-2-6:2016/A1:2020)

HRN EN IEC 60730-2-7:2020 en pr
Električne naprave za automatsko upravljanje – Dio 2-7: Posebni zahtjevi za programatore i vremenske sklopke (IEC 60730-2-7:2015; EN IEC 60730-2-7:2020)
Automatic electrical controls – Part 2-7: Particular requirements for timers and time switches (IEC 60730-2-7:2015; EN IEC 60730-2-7:2020)

HRN EN IEC 60730-2-8:2020 en pr
Električne naprave za automatsko upravljanje u kućanstvu i sličnu uporabu – Dio 2-8: Posebni zahtjevi za električne ventile za vodu, uključujući mehaničke zahtjeve (IEC 60730-2-8:2018; EN IEC 60730-2-8:2020)
Automatic electrical controls for household and similar use – Part 2-8: Particular requirements for electrically operated water valves, including mechanical requirements (IEC 60730-2-8:2018; EN IEC 60730-2-8:2020)

HZN/TO E78, Rad pod naponom

HRN EN 61482-2:2020 en pr
Rad pod naponom – Zaštitna odjeća protiv toplinskih opasnosti od električnog luka – 2. dio: Zahtjevi (IEC 61482-2:2018; EN 61482-2:2020)
Live working – Protective clothing against the thermal hazards of an electric arc – Part 2: Requirements (IEC 61482-2:2018; EN 61482-2:2020)

HZN/TO E88, Vjetroagregati

HRN EN 61400-12-1:2017/Ispr.2:2020 en pr
Sustavi za proizvodnju energije iz vjetra – Dio 12-1: Mjerenje značajka snage vjetroagregata koji proizvode električnu energiju (IEC 61400-12-1:2017/Corr.2:2020; EN 61400-12-1:2017/AC:2020)
Wind energy generation systems – Part 12-1: Power performance measurements of electricity producing wind turbines (IEC 61400-12-1:2017/Corr.2:2020; EN 61400-12-1:2017/AC:2020)

HRN EN 61400-22:2014/Ispr.1:2020 en pr
Vjetroagregati – 22. dio: Ispitivanje sukladnosti i certifikacija (EN 61400-22:2011/AC:2020-04)
Wind turbines – Part 22: Conformity testing and certification (EN 61400-22:2011/AC:2020-04)

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

HRN EN 50643:2018/A1:2020 en pr
Električna i elektronička kućanska i uredska oprema – Mjerenje mrežne potrošnje snage praznoga hoda krajnje opreme (EN 50643:2018/A1:2020)
Electrical and electronic household and office equipment – Measurement of networked standby power consumption of edge equipment (EN 50643:2018/A1:2020)

HRN EN IEC 60098:2020 en pr
Gramofonske ploče kao analogni nosači zvuka i oprema za njihovu reprodukciju (IEC 60098:2020; EN IEC 60098:2020)
Analogue audio disk records and reproducing equipment (IEC 60098:2020; EN IEC 60098:2020)

HZN/TO E502, Elektrotehnički aspekti telekomunikacijske opreme

HRN EN 50600-4-7:2020 en pr
Informacijska tehnologija – Sredstva i infrastrukture podatkovnih centara – Dio 4-7: Omjer učinkovitosti hlađenja (CER) (EN 50600-4-7:2020)
Information technology – Data centre facilities and infrastructures – Part 4-7: Cooling Efficiency Ratio (CER) (EN 50600-4-7:2020)

HZN/TO T4, Normizacija u telekomunikacijama

HRN EN 300 019-2-8 V2.2.1:2020 en pr
Ekoinženjering (EE) – Uvjeti i ispitivanja telekomunikacijske opreme s obzirom na okoliš – Dio 2-8: Specifikacija ispitivanja s obzirom na okoliš – Stacionarna primjena na podzemnim lokacijama (EN 300 019-2-8 V2.2.1:2020)
Environmental Engineering (EE) – Environmental conditions and environmental tests for telecommunications equipment – Part 2-8: Specification of environmental tests – Stationary use at underground locations (EN 300 019-2-8 V2.2.1:2020)

HRN EN 300 392-1 V1.6.1:2020 en pr
Terestrijalni trunking radio (TETRA) – Glas plus podatci (V+D) – 1. dio: Opći dizajn mreže (EN 300 392-1 V1.6.1:2020)
Terrestrial Trunked Radio (TETRA) – Voice plus Data (V+D) – Part 1: General network design (EN 300 392-1 V1.6.1:2020)

- HRN EN 300 392-3-10 V1.2.1:2020 en pr
Terestrijalni trunking radio (TETRA) – Glas plus podatci (V+D) – 3. dio: Međusobni rad na sučelju između sustava (ISI) – 10. poddio: Opći dizajn, PSS1 iznad E.1 (EN 300 392-3-10 V1.2.1:2020)
Terrestrial Trunked Radio (TETRA) – Voice plus Data (V+D) – Part 3: Interworking at the Inter-System Interface (ISI) – Sub-part 10: General design, PSS1 over E.1 (EN 300 392-3-10 V1.2.1:2020)
- HRN EN 300 392-3-11 V1.2.1:2020 en pr
Terestrijalni trunking radio (TETRA) – Glas plus podatci (V+D) – 3. dio: Međusobni rad na sučelju između sustava (ISI) – 11. poddio: Opći dizajn, SIP/IP (EN 300 392-3-11 V1.2.1:2020)
Terrestrial Trunked Radio (TETRA) – Voice plus Data (V+D) – Part 3: Interworking at the Inter-System Interface (ISI) – Sub-part 11: General design, SIP/IP (EN 300 392-3-11 V1.2.1:2020)
- HRN EN 300 392-3-12 V1.2.1:2020 en pr
Terestrijalni trunking radio (TETRA) – Glas plus podatci (V+D) – 3. dio: Međusobni rad na sučelju između sustava (ISI) – 12. poddio: Nezavisni transportni sloj, dodatna mrežna funkcija, individualni poziv (ANF-ISIIC) (EN 300 392-3-12 V1.2.1:2020)
Terrestrial Trunked Radio (TETRA) – Voice plus Data (V+D) – Part 3: Interworking at the Inter-System Interface (ISI) – Sub-part 12: Transport layer independent Additional Network Feature Individual Call (ANF-ISIIC) (EN 300 392-3-12 V1.2.1:2020)
- HRN EN 300 392-3-13 V1.2.1:2020 en pr
Terestrijalni trunking radio (TETRA) – Glas plus podatci (V+D) – 3. dio: Međusobni rad na sučelju između sustava (ISI) – 13. poddio: Nezavisni transportni sloj, dodatna mrežna funkcija, grupni poziv (ANF-ISIGC) (EN 300 392-3-13 V1.2.1:2020)
Terrestrial Trunked Radio (TETRA) – Voice plus Data (V+D) – Part 3: Interworking at the Inter-System Interface (ISI) – Sub-part 13: Transport layer independent Additional Network Feature Group Call (ANF-ISIGC) (EN 300 392-3-13 V1.2.1:2020)
- HRN EN 300 392-3-14 V1.2.1:2020 en pr
Terestrijalni trunking radio (TETRA) – Glas plus podatci (V+D) – 3. dio: Međusobni rad na sučelju između sustava (ISI) – 14. poddio: Nezavisni transportni sloj, dodatna mrežna funkcija, servis kratkih podataka (ANF-ISISDS) (EN 300 392-3-14 V1.2.1:2020)
Terrestrial Trunked Radio (TETRA) – Voice plus Data (V+D) – Part 3: Interworking at the Inter-System Interface (ISI) – Sub-part 14: Transport layer independent Additional Network Feature Short Data Service (ANF-ISISDS) (EN 300 392-3-14 V1.2.1:2020)
- HRN EN 300 392-3-15 V1.2.1:2020 en pr
Terestrijalni trunking radio (TETRA) – Glas plus podatci (V+D) – 3. dio: Međusobni rad na sučelju između sustava (ISI) – 15. poddio: Nezavisni transportni sloj, dodatna mrežna funkcija, upravljanje mobilnošću (ANF-ISIMM) (EN 300 392-3-15 V1.2.1:2020)
Terrestrial Trunked Radio (TETRA) – Voice plus Data (V+D) – Part 3: Interworking at the Inter-System Interface (ISI) – Sub-part 15: Transport layer independent Additional Network Feature, Mobility Management (ANF-ISIMM) (EN 300 392-3-15 V1.2.1:2020)
- HRN EN 300 392-3-8 V1.4.1:2020 en pr
Terestrijalni trunking radio (TETRA) – Glas plus podatci (V+D) – 3. dio: Međusobni rad na sučelju između sustava (ISI) – 8. poddio: Primijena generičkoga govornoga formata (EN 300 392-3-8 V1.4.1:2020)
Terrestrial Trunked Radio (TETRA) – Voice plus Data (V+D) – Part 3: Interworking at the Inter-System Interface (ISI) – Sub-part 8: Generic Speech Format Implementation (EN 300 392-3-8 V1.4.1:2020)
- HRN EN 300 392-3-9 V1.2.1:2020 en pr
Terestrijalni trunking radio (TETRA) – Glas plus podatci (V+D) – 3. dio: Međusobni rad na sučelju između sustava (ISI) – 9. poddio: Nezavisni transportni sloj, opći dizajn (EN 300 392-3-9 V1.2.1:2020)
Terrestrial Trunked Radio (TETRA) – Voice plus Data (V+D) – Part 3: Interworking at the Inter-System Interface (ISI) – Sub-part 9: Transport layer independent, General design (EN 300 392-3-9 V1.2.1:2020)
- HRN EN 300 392-5 V2.7.1:2020 en pr
Terestrijalni trunking radio (TETRA) – Glas i podatci (V+D) i rad u izravnome načinu (DMO) – 5. dio: Sučelje periferne opreme (PEI) (EN 300 392-5 V2.7.1:2020)
Terrestrial Trunked Radio (TETRA) – Voice plus Data (V+D) and Direct Mode Operation (DMO) – Part 5: Peripheral Equipment Interface (PEI) (EN 300 392-5 V2.7.1:2020)
- HRN EN 300 392-9 V1.7.1:2020 en pr
Terestrijalni trunking radio (TETRA) – Glas i podatci (V+D) – 9. dio: Opći zahtjevi za dodatne usluge (EN 300 392-9 V1.7.1:2020)
Terrestrial Trunked Radio (TETRA) – Voice plus Data (V+D) – Part 9: General requirements for supplementary services (EN 300 392-9 V1.7.1:2020)
- HRN EN 303 213-5-1 V1.1.1:2020 en pr
Napredni sustav vođenja i kontrole kretanja površinom (A-SMGCS) – 5. dio: Harmonizirana norma za pristup radijskom spektru za opremu multilateracije (MLAT) – 1. poddio: Prijamnici i upitivači (EN 303 213-5-1 V1.1.1:2020)
Advanced Surface Movement Guidance and Control System (A-SMGCS) – Part 5: Harmonised Standard for access to radio spectrum for Multilateration (MLAT) equipment – Sub-part 1: Receivers and Interrogators (EN 303 213-5-1 V1.1.1:2020)
- HRN EN 319 412-5 V2.3.1:2020 en pr
Elektronički potpisi i infrastrukture (ESI) – Profili certifikata – 5. dio: QC izjave (EN 319 412-5 V2.3.1:2020)
Electronic Signatures and Infrastructures (ESI) – Certificate Profiles – Part 5: QC Statements (EN 319 412-5 V2.3.1:2020)

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

- HRN EN 1816:2020 en pr
Elastične podne obloge – Specifikacija za homogene i heterogene podne obloge od glatke gume s pjenastom podlogom (EN 1816:2020)
Resilient floor coverings – Specification for homogeneous and heterogeneous smooth rubber floor coverings with foam backing (EN 1816:2020)
- HRN EN 1817:2020 en pr
Elastične podne obloge – Specifikacija za homogene i heterogene podne obloge od glatke gume (EN 1817:2020)
Resilient floor coverings – Specification for homogeneous and heterogeneous smooth rubber floor coverings (EN 1817:2020)
- HRN EN 12199:2020 en pr
Elastične podne obloge – Specifikacija za homogene i heterogene podne obloge od reliefne gume (EN 12199:2020)
Resilient floor coverings – Specifications for homogeneous and heterogeneous relief rubber floor coverings (EN 12199:2020)

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

- HRN EN 927-7:2020 en pr
Boje i lakovi – Materijali i sustavi za premazivanje za vanjsko drvo – 7. dio: Ocjena otpornosti čvorova bojanja premaza drva (EN 927-7:2020)
Paints and varnishes – Coating materials and coating systems for exterior wood – Part 7: Assessment of knot staining resistance of wood coatings (EN 927-7:2020)
- HRN EN 927-11:2020 en pr
Boje i lakovi – Premazna sredstva i premazni sustavi za drvo na vanjskim prostorima – 11. dio: Ocjenjivanje prisutnosti zraka/mikropjene u filmovima premaza (EN 927-11:2020)
Paints and varnishes – Coating materials and coating systems for exterior wood – Part 11: Assessment of air inclusions/microfoam in coating films (EN 927-11:2020)
- HRN EN ISO 3262-1:2020 en pr
Punila za boje – Specifikacije i metode ispitivanja – 1. dio: Uvod i opće metode ispitivanja (ISO 3262-1:2020; EN ISO 3262-1:2020)
Extenders – Specifications and methods of test – Part 1: Introduction and general test methods (ISO 3262-1:2020; EN ISO 3262-1:2020)
- HRN EN ISO 3657:2020 en pr
Životinjske i biljne masti i ulja – Određivanje broja osapunjenja (ISO 3657:2020; EN ISO 3657:2020)
Animal and vegetable fats and oils – Determination of saponification value (ISO 3657:2020; EN ISO 3657:2020)

HRN EN ISO 17178:2020 en pr
Adhezivi – Ljepila za lijepljenje parketa na podlogu – Metode ispitivanja i minimalni zahtjevi (ISO 17178:2013; EN ISO 17178:2020)
Adhesives – Adhesives for bonding parquet to subfloor – Test methods and minimum requirements (ISO 17178:2013; EN ISO 17178:2020)

HRN EN ISO/ASTM 52915:2020 en pr
Specifikacija formata datoteke za proizvodnju aditiva (AMF), verzija 1.2 (ISO/ASTM 52915:2020; EN ISO/ASTM 52915:2020)
Specification for additive manufacturing file format (AMF) Version 1.2 (ISO/ASTM 52915:2020; EN ISO/ASTM 52915:2020)

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

HRN EN ISO 7199:2017/A1:2020 en pr
Kardiovaskularni implantati i umjetni organi – Izmjenjivači plinova u krvi (uređaji za obogaćivanje krvi kisikom) – Amandman 1: Spojnici (ISO 7199:2016/Amd 1:2020; EN ISO 7199:2017/A1:2020)
Cardiovascular implants and artificial organs – Blood-gas exchangers (oxygenators) – Amendment 1: Connectors (ISO 7199:2016/Amd 1:2020; EN ISO 7199:2017/A1:2020)

HRN EN ISO 8637-1:2020 en pr
Izvantjelesni sustavi za pročišćavanje krvi – 1. dio: Uređaji za hemodijalizu, hemodijafiltriranje, hemofiltriranje i hemokoncentraciju (ISO 8637-1:2017; EN ISO 8637-1:2020)
Extracorporeal systems for blood purification – Part 1: Haemodialysers, haemodiafilters, haemofilters and haemoconcentrators (ISO 8637-1:2017; EN ISO 8637-1:2020)

HRN EN ISO 20695:2020 en pr
Sustavi za unos hrane – Dizajn i ispitivanje (ISO 20695:2020; EN ISO 20695:2020)
Enteral feeding systems – Design and testing (ISO 20695:2020; EN ISO 20695:2020)

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

HRN EN 4604-006:2019/Ispr.1:2020 en pr
Zrakoplovstvo – Kabel, električni, za prijenos signala – Dio 006: Kabel, koaksijalni, 50 oma, 200 °C, tip WM – Norma za proizvod (EN 4604-006:2019/AC:2020)
Aerospace series – Cable, electrical, for signal transmission – Part 006: Cable, coaxial, 50 ohms, 200 °C, type WM – Product standard (EN 4604-006:2019/AC:2020)

HRN EN 4604-007:2020/Ispr.1:2020 en pr
Zrakoplovstvo – Kabel, električni, za prijenos signala – Dio 007: Kabel, koaksijalni, 50 oma, 200 °C, tip WN – Norma za proizvod (EN 4604-007:2019/AC:2020)
Aerospace series – Cable, electrical, for signal transmission – Part 007: Cable, coaxial, 50 ohms, 200 °C, type WN – Product standard (EN 4604-007:2019/AC:2020)

HRN EN 16842-9:2019/Ispr.1:2020 en pr
Industrijska vozila na motorni pogon – Vidljivost – Metode ispitivanja i verifikacija – 9. dio: Viličari za izuzimanje robe, tropskojajni, s podiznim mjestom za rukovatelja (EN 16842-9:2019/AC:2020)
Powered industrial trucks – Visibility – Test methods and verification – Part 9: Order-picking, lateral and front-stacking trucks with elevating operator position (EN 16842-9:2019/AC:2020)

HZN/TU U1, Opća elektrotehnika 1

HRN EN IEC 60404-7:2020 en pr
Magnetski materijali – 7. dio: Metode mjerenja koercitivnosti (do 160 kA/m) magnetskih materijala u otvorenom magnetskom krugu (IEC 60404-7:2019; EN IEC 60404-7:2020)
Magnetic materials – Part 7: Method of measurement of the coercivity (up to 160 kA/m) of magnetic materials in an open magnetic circuit (IEC 60404-7:2019; EN IEC 60404-7:2020)

HRN EN IEC 61293:2020 en pr
Označavanje električne opreme brojanim vrijednostima prema električnom napajanju – Sigurnosni zahtjevi (IEC 61293:2019; EN IEC 61293:2020)
Marking of electrical equipment with ratings related to electrical supply – Safety requirements (IEC 61293:2019; EN IEC 61293:2020)

HRN EN IEC/IEEE 82079-1:2020 en pr
Priprema informacija za uporabu (upute za uporabu) proizvoda – 1. dio: Načela i opći zahtjevi (IEC/IEEE 82079-1:2019; EN IEC/IEEE 82079-1:2020)
Preparation of information for use (instructions for use) of products – Part 1: Principles and general requirements (IEC/IEEE 82079-1:2019; EN IEC/IEEE 82079-1:2020)

HZN/TU V1, Elektronika 1

HRN EN 50090-5-1:2020 en pr
Home and Building Electronic Systems (HBES) – Part 5-1: Media and media dependent layers – Power line for HBES Class 1 (EN 50090-5-1:2020)

HRN EN 50090-5-2:2020 en pr
Home and Building Electronic Systems (HBES) Part 5-2: Media and media dependent layers – Network based on HBES Class 1, Twisted Pair (EN 50090-5-2:2020)

HRN EN 50491-11:2015/A1:2020 en pr
General requirements for Home and Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS) – Part 11: Smart Metering – Application Specifications – Simple External Consumer Display (EN 50491-11:2015/A1:2020)

HRN EN 60794-1-21:2015/A1:2020 en pr
Svjetlovodni kabeli – Dio 1-21: Generička specifikacija – Osnovni postupci ispitivanja svjetlovodnih kabela – Metode mehaničkih ispitivanja (IEC 60794-1-21:2015/am1:2020; EN 60794-1-21:2015/A1:2020)
Optical fibre cables – Part 1-21: Generic specification – Basic optical cable test procedures – Mechanical tests methods (IEC 60794-1-21:2015/am1:2020; EN 60794-1-21:2015/A1:2020)

HRN EN IEC 61076-3-124:2019/Ispr.1:2020 en pr
Konektori za električnu i elektroničku opremu – Zahtjevi za proizvod – Dio 3-124: Pravokutni konektori – Detaljne specifikacije za 10-smjerne, oklopljene, slobodne i fiksne konektore za I/O i prijenos podataka s frekvencijama do 500MHz (IEC 61076-3-124:2019/Corr.1:2020; EN IEC 61076-3-124:2019/AC:2020)
Connectors for electrical and electronic equipment – Product requirements – Part 3-124: Rectangular connectors – Detail specification for 10-way, shielded, free and fixed connectors for I/O and data transmission with frequencies up to 500 MHz (IEC 61076-3-124:2019/Corr.1:2020; EN IEC 61076-3-124:2019/AC:2020)

HRN EN 61300-2-19:2014/Ispr.1:2020 en pr
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-19: Tests – Damp heat (steady state) (IEC 61300-2-19:2012/Corr.1:2020; EN 61300-2-19:2013/AC:2020)

HRN EN IEC 62148-6:2020 en pr
Aktivne svjetlovodne komponente i uređaji – Norme za pakete i sučelja – 6. dio: ATM-PON primopredajnici (IEC 62148-6:2020; EN IEC 62148-6:2020)
Fibre optic active components and devices – Package and interface standards – Part 6: ATM-PON transceivers (IEC 62148-6:2020; EN IEC 62148-6:2020)

HRN EN IEC 62435-3:2020 en pr
Elektroničke komponente – Dugoročno skladištenje elektroničkih poluvodičkih uređaja – 3. dio: Podaci (IEC 62435-3:2020; EN IEC 62435-3:2020)
Electronic components – Long-term storage of electronic semiconductor devices – Part 3: Data (IEC 62435-3:2020; EN IEC 62435-3:2020)

HRN EN IEC 62812:2019/Ispr.1:2020 en pr
Mjerenja malog otpora – Metode i upute (IEC 62812:2019/Corr.1:2020; EN IEC 62812:2019/AC:2020)
Low resistance measurements – Methods and guidance (IEC 62812:2019/Corr.1:2020; EN IEC 62812:2019/AC:2020)

HZN/TU W1, Energetska elektrotehnika 1

HRN EN 45557:2020 en pr
Opća metoda za procjenu udjela recikliranog materijala u proizvodima koji troše energiju (EN 45557:2020)
General method for assessing the proportion of recycled material content in energy-related products (EN 45557:2020)

HRN EN 50559:2014/A1:2020 en pr
Električno grijanje prostora, podno grijanje, značajke izvedbe – Definicije, metoda ispitivanja, simboli za formule i dimenzioniranje (EN 50559:2013/A1:2020)
Electric room heating, underfloor heating, characteristic of performance – Definitions, method of testing, sizing and formula symbols (EN 50559:2013/A1:2020)

HRN EN IEC 60704-2-16:2019/A11:2020 en pr
Kućanski i slični električni aparati – Ispitne odredbe za određivanje uzdušne buke – Dio 2-16: Posebni zahtjevi za perilice-sušilice (EN IEC 60704-2-16:2019/A11:2020)
Household and similar electrical appliances – Test code for the determination of airborne acoustical noise – Part 2-16: Particular requirements for washer-dryers (EN IEC 60704-2-16:2019/A11:2020)

HRN EN 60704-2-4:2013/A11:2020 en pr
Kućanski i slični električni aparati – Ispitne odredbe za određivanje uzdušne buke – Dio 2-4: Posebni zahtjevi za perilice rublja i centrifuge (ožimalice) (EN 60704-2-4:2012/A11:2020)
Household and similar electrical appliances – Test code for the determination of airborne acoustical noise – Part 2-4: Particular requirements for washing machines and spin extractors (EN 60704-2-4:2012/A11:2020)

HRN EN IEC 62282-3-100:2020 en pr
Tehnologija gorivih ćelija – Dio 3-100: Energetski sustavi stacionarnih gorivih ćelija – Sigurnost (IEC 62282-3-100:2019; EN IEC 62282-3-100:2020)
Fuel cell technologies – Part 3-100: Stationary fuel cell power systems – Safety (IEC 62282-3-100:2019; EN IEC 62282-3-100:2020)

HRN EN IEC 62282-8-101:2020 en pr
Tehnologija gorivih ćelija – Dio 8-101: Sustavi za pohranu energije koji koriste gorive ćelije u reverznom načinu rada – Postupci ispitivanja značajki pojedinačnih ćelija i slogova krutog oksida, uključujući reverzibilan rad (IEC 62282-8-101:2020; EN IEC 62282-8-101:2020)
Fuel cell technologies – Part 8-101: Energy storage systems using fuel cell modules in reverse mode – Test procedures for solid oxide single cell and stack performance including reversible operation (IEC 62282-8-101:2020; EN IEC 62282-8-101:2020)

HRN EN 62552-1:2020 en pr
Kućanski rashladni aparati – Značajke i ispitne metode – 1. dio: Opći zahtjevi (IEC 62552-1:2015, MOD; EN 62552-1:2020)
Household refrigerating appliances – Characteristics and test methods – Part 1: General requirements (IEC 62552-1:2015, MOD; EN 62552-1:2020)

HRN EN 62552-2:2020 en pr
Kućanski rashladni aparati – Značajke i ispitne metode – 2. dio: Izvedbeni zahtjevi (IEC 62552-2:2015, MOD; EN 62552-2:2020)
Household refrigerating appliances – Characteristics and test methods – Part 2: Performance requirements (IEC 62552-2:2015, MOD; EN 62552-2:2020)

HRN EN 62552-3:2020 en pr
Kućanski rashladni aparati – Značajke i ispitne metode – 3. dio: Potrošnja energije i obujam (IEC 62552-3:2015, MOD; EN 62552-3:2020)
Household refrigerating appliances – Characteristics and test methods – Part 3: Energy consumption and volume (IEC 62552-3:2015, MOD; EN 62552-3:2020)

HRN EN 62841-3-4:2016/A12:2020 en pr
Ručni elektromotorni alati, prijenosni alati i mehanizacija za travnjake i vrtove – Sigurnost – Dio 3-4: Posebni zahtjevi za prijenosne stolne brusilice (EN 62841-3-4:2016/A12:2020)
Electric motor-operated hand-held tools; transportable tools and lawn and garden machinery – Safety – Part 3-4: Particular requirements for transportable bench grinders (EN 62841-3-4:2016/A12:2020)

HRN EN IEC 62932-1:2020 en pr
Energetski sustavi tekućih baterija za stacionarne primjene – 1. dio: Nazivlje i opći aspekti (IEC 62932-1:2020; EN IEC 62932-1:2020)
Flow battery energy systems for stationary applications – Part 1: Terminology and general aspects (IEC 62932-1:2020; EN IEC 62932-1:2020)

HRN EN IEC 62932-2-1:2020 en pr
Energetski sustavi tekućih baterija za stacionarne primjene – Dio 2-1: Opći zahtjevi za značajke i metode ispitivanja (IEC 62932-2-1:2020; EN IEC 62932-2-1:2020)
Flow Battery Energy Systems for Stationary applications – Part 2-1: Performance general requirements and methods (IEC 62932-2-1:2020; EN IEC 62932-2-1:2020)

HRN EN IEC 62932-2-2:2020 en pr
Energetski sustavi tekućih baterija za stacionarne primjene – Dio 2-2: Sigurnosni zahtjevi (IEC 62932-2-2:2020; EN IEC 62932-2-2:2020)
Flow Battery Systems for Stationary applications – Part 2-2: Safety requirements (IEC 62932-2-2:2020; EN IEC 62932-2-2:2020)

HRN EN IEC 62984-2:2020 en pr
Sekundarne baterije visoke temperature – 2. dio: Sigurnosni zahtjevi i ispitivanja (IEC 62984-2:2020; EN IEC 62984-2:2020)
High-temperature secondary batteries – Part 2: Safety requirements and tests (IEC 62984-2:2020; EN IEC 62984-2:2020)

1.2 Nacrta 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). Nacrte su hrvatskih norma zainteresiranima na raspolaganju u Normoteci Hrvatskoga zavoda za norme, Ulica grada Vukovara 78, Zagreb.

HZN/TO 28, Naftni proizvodi i maziva

nHRN 1153 hr izv
Tekući naftni proizvodi – Loživo ulje ekstra lako (LU EL) – Zahtjevi i metode ispitivanja
Liquid petroleum products – Fuel oil extra light – Requirements and test methods

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 Hrvatskom 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 8, Brodogradnja

prEN ISO 11592-2 en
Small craft – Determination of maximum propulsion power rating using manoeuvring speed – Part 2: Craft with a length of hull between 8 m and 24 m (ISO 11592-2:2019)

HZN/TO 21, Protupožarna i vatrogasna oprema

prEN 14972-15 en
Fixed firefighting systems – Water mist systems – Part 15: Test protocol for combustion turbines in enclosures not exceeding 260 m³ for open nozzle systems
Stabilni protupožarni sustavi – Sustavi vodene magle – 15. dio: Protokol ispitivanja za sustave otvorenih mlaznica u zatvorenim prostorijama manjim od 260 m³ u kojima se nalaze plinske turbine

HZN/TO 22, Cestovna vozila

prEN 17507 en
Road Vehicles – Portable Emission Measuring Systems (PEMS) – Performance Assessment
Cestovna vozila – Prijenosni sustavi za mjerenje emisija – Ocjenjivanje radnih značajka

HZN/TO 28, Naftni proizvodi i maziva

EN ISO 2719:2016/prA1 en
Determination of flash point – Pensky-Martens closed cup method – Amendment 1: Thermometers correction (ISO 2719:2016/DAM 1:2020; EN ISO 2719:2016/prA1)

prEN ISO 13736 en
Determination of flash point – Abel closed-cup method (ISO/DIS 13736:2020)
Određivanje točke paljenja – Metoda zatvorene posude po Abelu (ISO/DIS 13736:2020)

HZN/TO 34, Poljoprivredni i prehrambeni proizvodi

EN ISO 11136:2017/prA1 en
Sensory analysis – Methodology – General guidance for conducting hedonic tests with consumers in a controlled area (ISO 11136:2014/Amd 1:2020)
Senzorska analiza – Metodologija – Opće upute za provođenje testova zadovoljstva potrošača u kontroliranim uvjetima (ISO 11136:2014/Amd 1:2020)

HZN/TO 44, Zavarivanje i srodni postupci

prEN ISO 8167 en
Resistance welding – Embossed projection welding – Projections for resistance welding (ISO/DIS 8167:2020)

prEN ISO 13585 en
Brazing – Qualification test of brazers and brazing operators (ISO/DIS 13585:2020)
Tvrdo lemljenje – Provjera osposobljenosti lemitelja i rukovatelja lemljenjem (ISO/DIS 13585:2020)

prEN ISO 13919-2 en
Electron and laser-beam welded joints – Requirements and recommendations on quality levels for imperfections – Part 2: Aluminium, magnesium and their alloys and pure copper (ISO/DIS 13919-2:2020)
Zavareni spojevi izvedeni elektronskim snopom i laserom – Zahtjevi i preporuke za razine kvalitete s obzirom na nepravilnosti – 2. dio: Aluminij, magnezij i njihove legure i čisti bakar (ISO/DIS 13919-2:2020)

prEN ISO 15614-12 en
Specification and qualification of welding procedures for metallic materials – Welding procedure test – Part 12: Spot, seam and projection welding (ISO/DIS 15614-12:2020)
Specifikacija i kvalifikacija postupaka zavarivanja za metalne materijale – Ispitivanje postupka zavarivanja – 12. dio: Elektrootporno točkasto, šavno i bradavičasto zavarivanje (ISO/DIS 15614-12:2020)

prEN ISO 15614-13 en
Specification and qualification of welding procedures for metallic materials – Welding procedure test – Part 13: Upset (resistance butt) and flash welding (ISO/DIS 15614-13:2020)
Specifikacija i kvalifikacija postupaka zavarivanja za metalne materijale – Ispitivanje postupka zavarivanja – 13. dio: Sučeljeno elektrootporno zavarivanje pritiskom i zavarivanje iskrenjem (ISO/DIS 15614-13:2020)

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

prEN 1397 en
Heat exchangers – Hydronic room fan coil units – Test procedures for establishing the performance
Izmjenjivači topline – Sobni ventilokonvektori voda-zrak – Postupci ispitivanja za utvrđivanje radnih značajka

HZN/TO 89, Furniri i drvene ploče

prEN 14322 en
Wood-based panels – Melamine faced boards for interior uses – Definition, requirements and classification
Ploče na osnovi drva – Melaminom obložene ploče za unutarnju uporabu – Definicija, zahtjevi i razredba

prEN 14323 en
Wood-based panels – Melamine faced boards for interior uses – Test methods
Ploče na osnovi drva – Melaminom obložene ploče za unutarnju uporabu – Metode ispitivanja

HZN/TO 120, Koža i obuća

prEN ISO 19957 en
Footwear – Test methods for heels – Heel pin holding strength (ISO/DIS 19957:2020)
Obuća – Metode ispitivanja peta – Čvrstoća držanja petnog vijka (ISO/DIS 19957:2020)

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

CEN/TS 1519-2:2020 en
Plastic piping systems for soil and waste discharge (low and high temperature) within the building structure – Polyethylene (PE) – Part 2: Guidance for the assessment of conformity
Plastični cijevni sustavi za odvodnju onečišćenih i otpadnih voda (niske i visoke temperature) unutar građevinskih konstrukcija – Polietilen (PE) – 2. dio: Upute za ocjenjivanje sukladnosti

FprCEN/TS 17176-7 en
Plastics piping systems for water supply and for buried and above ground drainage, sewerage and irrigation under pressure – Oriented unplasticized poly(vinyl chloride) (PVC-O) – Part 7: Assessment of conformity
Plastični cijevni sustavi za opskrbu vodom i podzemnu i nadzemnu tlačnu odvodnju, kanalizaciju i navodnjavanje – Orijeantirani neomekšani poli(vinil-klorid) (PVC-O) – 7. dio: Ocjenjivanje sukladnosti

HZN/TO 159, Ergonomija

prEN ISO 14738 en
Safety of machinery – Anthropometric requirements for the design of workstations for industries and services (ISO/DIS 14738:2020)
Sigurnost strojeva – Antropometrijski zahtjevi za dizajn radnih stanica za industriju i usluge (ISO/DIS 14738:2020)

HZN/TO 172, Optika i optički instrumenti

prEN ISO 11146-1 en
Lasers and laser-related equipment – Test methods for laser beam widths, divergence angles and beam propagation ratios – Part 1: Stigmatic and simple astigmatic beams (ISO/DIS 11146-1:2020)
Laseri i pridružena oprema – Ispitne metode za širine laserskog snopa, kutove divergencije i omjere prostiranja snopa – 1. dio: Stigmatični i jednostavni astigmatični snopovi (ISO/DIS 11146-1:2020)

prEN ISO 11146-2 en
Lasers and laser-related equipment – Test methods for laser beam widths, divergence angles and beam propagation ratios – Part 2: General astigmatic beams (ISO/DIS 11146-2:2020)
Laseri i pridružena oprema – Ispitne metode za širine laserskog snopa, kutove divergencije i omjere prostiranja snopa – 2. dio: Opći astigmatični snopovi (ISO/DIS 11146-2:2020)

HZN/TO 182, Geotehničke konstrukcije

prEN ISO 22282-4 en
Geotechnical investigation and testing – Geohydraulic testing – Part 4: Pumping tests (ISO/DIS 22282-4:2020)
Geotehničko istraživanje i ispitivanje – Geohidrauličko ispitivanje – 4. dio: Ispitivanje crpenjem vode (ISO/DIS 22282-4:2020)

HZN/TO 207, Upravljanje okolišem

prEN ISO 14002-1 en
Environmental management systems – Guidelines for using ISO 14001 to address environmental aspects and conditions within an environmental topic area – Part 1: General (ISO 14002-1:2019)

HZN/TO 215, Zdravstvena informatika

prEN ISO 23903 en
Health Informatics – Interoperability and Integration Reference Architecture – Model and Framework (ISO/DIS 23903:2020)
Zdravstvena informatika – Referentna arhitektura interoperabilnosti i integracije – Model i okvir (ISO/DIS 23903:2020)

prEN ISO 27789 en
Health informatics – Audit trails for electronic health records (ISO/DIS 27789:2020)
Zdravstvena informatika – Sljedovi audita za elektroničke zdravstvene zapise (ISO/DIS 27789:2020)

HZN/TO 217, Kozmetika

prEN ISO 21392 en
Cosmetics – Analytical methods – Measurement of traces of heavy metals in cosmetic finished products using ICP/MS technique (ISO/DIS 21392:2020)
Kozmetika – Analitičke metode – Određivanje tragova teških metala u kozmetici ICP/MS tehnikom (ISO/DIS 21392:2020)

prEN ISO 24443 en
Determination of sunscreen UVA photoprotection in vitro (ISO/DIS 24443:2020)
In vitro određivanje UVA zaštitnih faktora (ISO/DIS 24443:2020)

HZN/TO 502, Plinski uređaji

prEN 203-2-2 en
Gas heated catering equipment – Part 2-2: Specific requirements – Ovens
Plinski uređaji za profesionalne kuhinje – Dio 2-2: Posebni zahtjevi – Pećnice

HZN/TO 503, Metalni materijali

prEN ISO 683-3 en
Heat-treatable steels, alloy steels and free-cutting steels – Part 3: Case-hardening steels (ISO/DIS 683-3:2020)
Toplinski obradivi čelici, legirani čelici i čelici za obradu na automatima – 3. dio: Čelici za cementiranje (ISO/DIS 683-3:2020)

prEN 13600 en
Copper and copper alloys – Seamless copper tubes for electrical purposes
Bakar i legure bakra – Bešavne bakrene cijevi za primjenu u elektrotehnici

prEN ISO 18771 en
Anodizing of aluminium and its alloys – Method to test the surface abrasion resistance using glass-coated abrasive paper (ISO 18771:2019)

HZN/TO 505, Prijenos i distribucija plina

prEN 12732 en
Gas infrastructure – Welding steel pipework – Functional requirements
Plinska infrastruktura – Zavarivanje čeličnih cijevi – Funkcionalni zahtjevi

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

prEN ISO 24200 en
Petroleum, petrochemical and natural gas industries – Bulk material for offshore projects – Pipe support (ISO/DIS 24200:2020)
Industrija nafte, petrokemije i prirodnog plina – Rasuti materijal za odobalne projekte – Nosači za cijevi (ISO/DIS 24200:2020)

HZN/TO 508, Ambalaža i pakiranje

prEN 17427 en
Packaging – Requirements and test scheme for carrier bags suitable for treatment in well-managed home composting installations

prEN 17428 en
Packaging – Determination of the degree of disintegration under simulated home composting conditions

HZN/TO 509, Cestovna oprema

prEN 16165 en
Determination of slip resistance of pedestrian surfaces – Methods of evaluation
Određivanje otpora na klizanje pješačkih površina – Metode vrednovanja

HZN/TO 526, Bitumenska veziva

prEN 14023 en
Bitumen and bituminous binders – Specification framework for polymer modified bitumens
Bitumen i bitumenska veziva – Okvirna specifikacija za polimerom modificirane bitumene

FprCEN/TS 17481 en
Bitumen and bituminous binders – Determination of salt content in bitumen – Electrical conductivity method
Bitumen i bitumenska veziva – Određivanje udjela soli u bitumenu – Metoda električne provodnosti

FprCEN/TS 17482 en
Bitumen and bituminous binders – Determination of acid number of bitumen – Potentiometric method
Bitumen i bitumenska veziva – Određivanje kiselinskog broja bitumena – Potenciometrijska metoda

HZN/TO 528, Oprema za željeznice

prEN 15085-6 en
Railway applications – Welding of railway vehicles and components – Part 6: Maintenance welding requirements

prEN 17495 en
Railway Applications – Acoustics – Determination of the dynamic stiffness of elastic track components related to noise and vibration – Rail pads and track fastener assemblies

HZN/TO 529, Granici, dizalice i prenosila neprekidne dobave

prEN 1756-1 en
Tail lifts – Platform lifts for mounting on wheeled vehicles – Safety requirements – Part 1: Tail lifts for goods
Stražnja dizala – Platformna dizala za ugradnju na vozilima na kotačima – Zahtjevi za sigurnost – 1. dio: Stražnje teretno dizalo

EN 13001-3-6:2018/prA1 en
Cranes – General design – Part 3-6: Limit states and proof of competence of machinery – Hydraulic cylinders
Granici – Osnove projektiranja – Dio 3-6: Granična stanja i dokaz sigurnosti za strojeve – Hidraulički cilindri

HZN/TO 531, Plastika i guma

prEN ISO 1628-1 en
Plastics – Determination of the viscosity of polymers in dilute solution using capillary viscometers – Part 1: General principles (ISO/DIS 1628-1:2020)
Plastika – Određivanje viskoznosti polimera u razrijeđenoj otopini uporabom kapilarnih viskozimetara – 1. dio: Opća načela (ISO/DIS 1628-1:2020)

HZN/TO 535, Agregati

prEN 1744-4 en
Tests for chemical properties of aggregates – Part 4: Determination of water susceptibility of fillers for bituminous mixtures
Ispitivanja kemijskih svojstava agregata – 4. dio: Određivanje osjetljivosti punila za bitumenske mješavine na vodu

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

EN 15681-1:2016/prA1 en
Glass in building – Basic alumino silicate glass products – Part 1: Definitions and general physical and mechanical properties
Staklo u graditeljstvu – Proizvodi od osnovnog aluminij silikatnog stakla – 1. dio: Definicije i opća fizikalna i mehanička svojstva

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

prEN ISO 16890-4 en
Air filters for general ventilation – Part 4: Conditioning method to determine the minimum fractional test efficiency (ISO/DIS 16890-4:2020)
Zračni filtri za opću ventilaciju – 4. dio: Metoda kondicioniranja za određivanje minimalne frakcijske učinkovitosti (ISO/DIS 16890-4:2020)

prEN ISO 29462 en
Field testing of general ventilation filtration devices and systems for in situ removal efficiency by particle size and resistance to airflow (ISO/DIS 29462:2020)
Ispitivanje učinkovitosti odstranjivanja čestica filterskih uređaja i sustava tijekom rada na licu mjesta prema veličini čestica i otpora protoku zraka (ISO/DIS 29462:2020)

HZN/TO 550, Opskrba vodom

prEN 1488 en
Building valves – Expansion groups – Tests and requirements
Ventili u zgradama – Ekspanzijske skupine – Ispitivanja i zahtjevi

prEN 13433 en
Devices to prevent pollution by backflow of potable water – Mechanical disconnecter, direct actuated – Family G, type A
Uređaji za sprečavanje onečišćenja vode za piće zbog povratnoga toka – Izravno upravljani mehanički prekidači – Skupina G, tip A

prEN 13434 en
Devices to prevent pollution by backflow of potable water – Mechanical disconnecter, hydraulic actuated – Family G, type B
Uređaji za sprečavanje onečišćenja vode za piće zbog povratnoga toka – Hidraulički upravljani mehanički prekidači – Skupina G, tip B

HZN/TO 556, Osobna zaštitna oprema

prEN ISO 19818-1 en
Eye and face protection – Protection against laser radiation – Part 1: Requirements and test methods (ISO/DIS 19818-1:2020)
Zaštita očiju i lica – Zaštita od laserskog zračenja – 1. dio: Zahtjevi i metode ispitivanja (ISO/DIS 19818-1:2020)

prEN ISO 20344 en
Personal protective equipment – Test methods for footwear (ISO/DIS 20344:2020)
Osobna zaštitna oprema – Ispitne metode za obuću (ISO/DIS 20344:2020)

prEN ISO 20345 en
Personal protective equipment – Safety footwear (ISO/DIS 20345:2020)
Osobna zaštitna oprema – Sigurnosna obuća (ISO/DIS 20345:2020)

prEN ISO 20346 en
Personal protective equipment – Protective footwear (ISO/DIS 20346:2020)
Osobna zaštitna oprema – Zaštitna obuća (ISO/DIS 20346:2020)

prEN ISO 20347 en
Personal protective equipment – Occupational footwear (ISO/DIS 20347:2020)
Osobna zaštitna oprema – Radna obuća (ISO/DIS 20347:2020)

HZN/TO 560, Tekstilni proizvodi

prEN ISO 1833-3 en
Textiles – Quantitative chemical analysis – Part 3: Mixtures of acetate with certain other fibres (method using acetone) (ISO/DIS 1833-3:2020)
Tekstil – Kvantitativna kemijska analiza – 3. dio: Mješavine acetatnih i određenih drugih vlakana (metoda s uporabom acetona) (ISO/DIS 1833-3:2020)

prEN ISO 1833-12 en
Textiles – Quantitative chemical analysis – Part 12: Mixtures of acrylic, certain modacrylics, certain chlorofibres, certain elastane fibres with certain other fibres (method using dimethylformamide) (ISO/DIS 1833-12:2020)

prEN ISO 1833-18 en
Textiles – Quantitative chemical analysis – Part 18: Mixtures of silk with wool or other animal hair (method using sulfuric acid) (ISO/DIS 1833-18:2020)

prEN ISO 1833-26 en
Textiles – Quantitative chemical analysis – Part 26: Mixtures of melamine with certain other fibres (method using hot formic acid) (ISO/DIS 1833-26:2020)

prEN ISO 1973 en
Textile fibres – Determination of linear density – Gravimetric method and vibroscope method (ISO/DIS 1973:2020)
Tekstilna vlakna – Određivanje duljinske mase – Gravimetrijska metoda i titrajna metoda (ISO/DIS 1973:2020)

prEN 16779-2 en
Textile child care articles – Safety requirements and test methods for children's cot duvets – Part 2: Duvet covers (excluding duvet)

prEN ISO 22818 en
Textiles – Determination of SCCP and MCCP in textile products out of different matrices by use of GC-NCI-MS (ISO/DIS 22818:2020)

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

EN 13480-3:2017/prA4 en
Metallic industrial piping – Part 3: Design and calculation
Metalni industrijski cjevovodi – 3. dio: Projektiranje i proračun

prEN 16119 en
LPG equipment and accessories – Sealing caps and plugs for LPG cylinder and pressure vessel valves – Specification and testing
Oprema i pribor za UNP – Brtvne kape i čepovi za UNP boce i ventile posuda pod tlakom – Specifikacija i ispitivanje

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

prEN 1186-2 en
Materials and articles in contact with foodstuffs – Plastics – Part 2: Test methods for overall migration in vegetable oils
Materijali i proizvodi u kontaktu s hranom – Plastika – 2. dio: Metode ispitivanja globalne migracije modelnom otopinom biljnog ulja

prEN 1186-3 en
Materials and articles in contact with foodstuffs – Plastics – Part 3: Test methods for overall migration in evaporable simulants
Materijali i proizvodi u kontaktu s hranom – Plastika – 3. dio: Metode ispitivanja globalne migracije u hlapljivim modelnim otopinama

HZN/TO 569, Hrana za životinje

prEN 17504 en
Animal feeding stuffs: Methods of sampling and analysis – Determination of gossypol in cotton seed and feeding stuff by LC-MS/MS
Hrana za životinje: Metode uzorkovanja i analize – Određivanje gospipola u pamukovom zrnu i hrani za životinje sa LC-MS/MS

HZN/TO 574, Sustavi upravljanja kvalitetom, rizicima, vrijednostima i inovacijama

ISO 10018:2020 en
Quality management – Guidance for people engagement

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

prEN ISO 15192 en
Characterization of soil and waste – Determination of Chromium(VI) in solid material by alkaline digestion and ion chromatography with spectrophotometric detection (ISO/DIS 15192:2020)

prEN 17505 en
Soil and waste characterization – Temperature dependent differentiation of total carbon (TOC400; ROC; TIC900)

HZN/TO E13, Oprema za mjerenje električne energije te upravljanje tarifom i potrošnjom

prEN IEC 62053-41:2020 en
Electricity metering equipment (DC direct current) – Particular requirements – Part 41: Static meter for active energy (class 0.5 and 1) (IEC 62053-41:202X)

HZN/TO E17, Sklopni i upravljački uređaji

- prEN IEC 60947-4-3:2020 en
Low-voltage switchgear and controlgear – Part 4-3: Contactors and motor-starters – Semiconductor controllers and semiconductor contactors for non-motor loads (IEC 60947-4-3:201X)
Niskonaponska sklopna aparatura – Dio 4-3: Sklopnici i motorski pokretači – Poluvodički kontroleri i poluvodički sklopnici za nemotorske terete (IEC 60947-4-3:201X)
- prEN IEC 62271-101:2020 en
High-voltage switchgear and controlgear – Part 101: Synthetic testing (IEC 62271-101:201X)
Visokonaponska sklopna aparatura – 101. dio: Sintetska ispitivanja (IEC 62271-101:201X)
- prEN IEC 62271-103:2020 en
High-voltage switchgear and controlgear – Part 103: Switches for rated voltages above 1 kV up to and including 52 kV (IEC 62271-103:201X)
Visokonaponska sklopna aparatura – 103. dio: Sklopke za nazivne napone iznad 1 kV do uključujući 52 kV (IEC 62271-103:201X)

HZN/TO E57, Upravljanje energetskim sustavom i pridružene komunikacije

- prEN IEC 61850-7-420:2020 en
Communication networks and systems for power utility automation – Part 7-420: Basic communication structure – Distributed energy resources and distribution automation logical nodes (IEC 61850-7-420:201X)
Komunikacijske mreže i sustavi za automatizaciju u elektroprivredama – Dio 7-420: Osnovna komunikacijska struktura – Logička čvorišta za distribuirane izvore električne energije i distribucijsku automatizaciju (IEC 61850-7-420:201X)

HZN/TO E61, Sigurnost električnih kućanskih i sličnih aparata

- EN 60335-2-8:2015/prA2:2020 en
Household and similar electrical appliances – Safety – Part 2-8: Particular requirements for shavers, hair clippers and similar appliances (IEC 60335-2-8:2012/am2:2018)
Kućanski i slični električni aparati – Sigurnost – Dio 2-8: Posebni zahtjevi za aparate za brijanje, šišanje i slične aparate (IEC 60335-2-8:2012/am2:2018)
- EN 60335-2-8:2015/prA2:2020/prAA:2020 en
Household and similar electrical appliances – Safety – Part 2-8: Particular requirements for shavers, hair clippers and similar appliances
Kućanski i slični električni aparati – Sigurnost – Dio 2-8: Posebni zahtjevi za aparate za brijanje, šišanje i slične aparate

HZN/TO T4, Normizacija u telekomunikacijama

- Final draft EN 300 338-3 V1.3.1:2020 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 3: Class D DSC
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 – 3. dio: Klasa D DSC

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

- prEN 17483-1 en
Private security provision for the protection of Critical Infrastructure – Part 1: General requirements

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

- EN ISO 787-19:2020 en
General methods of test for pigments – Part 19: Determination of water-soluble nitrates (Salicylic acid method) (ISO 787-19:2020)
Opće metode ispitivanja pigmenata – 19. dio: Određivanje nitrata topljivih u vodi (Postupak sa salicilnom kiselinom) (ISO 787-19:2020)

- prEN 15458 en
Paints and varnishes – Laboratory method for testing the efficacy of film preservatives in a coating against algae
Boje i lakovi – Laboratorijska metoda za ispitivanje djelotvornosti filma zaštitnog sredstva prevlake protiv algi

- prEN ISO 21683 en
Pigments and extenders – Determination of experimentally simulated nano-object release from paints, varnishes and pigmented plastics (ISO 21683:2019)
Pigmenti i punila – Određivanje eksperimentalno simuliranog otpuštanja nano objekta iz boje, lakova i pigmentirane plastike (ISO 21683:2019)

- prEN ISO/ASTM 52924 en
Additive manufacturing – Qualification principles – Classification of part properties for additive manufacturing of polymer parts (ISO/ASTM/DIS 52924:2020)
Aditivna proizvodnja – Načela ispitivanja kvalificiranosti – Klasifikacija dijela svojstava za aditivnu proizvodnju polimernih dijelova (ISO/ASTM/DIS 52924:2020)

- prEN ISO/ASTM 52925 en
Additive manufacturing processes – Laser sintering of polymer parts/laser-based powder bed fusion of polymer parts – Qualification of materials (ISO/ASTM/DIS 52925:2020)
Procesi aditivne proizvodnje – Lasersko sinteriranje polimernih slojeva/lasersko stapanje praškastih polimernih slojeva – Klasifikacija materijala (ISO/ASTM/DIS 52925:2020)

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

- prEN ISO 4823 en
Dentistry – Elastomeric impression and bite registration materials (ISO/DIS 4823:2020)
Stomatologija – Elastomerni materijali za otiske i registraciju zagriža (ISO/DIS 4823:2020)

- prEN ISO 6877 en
Dentistry – Endodontic obturating materials (ISO/DIS 6877:2020)
Stomatologija – Materijali za punjenje korijenskih kanala (ISO/DIS 6877:2020)

- prEN ISO 15854 en
Dentistry – Casting and baseplate waxes (ISO/DIS 15854:2020)
Stomatologija – Voskovi za lijevanje i izradu bazne ploče (ISO/DIS 15854:2020)

- prEN ISO 16202-1 en
Dentistry – Nomenclature of oral anomalies – Part 1: Code for the representation of oral anomalies (ISO 16202-1:2019)
Stomatologija – Nomenklatura oralnih anomalija – 1. dio: Sustav kodova za prikaz oralnih anomalija (ISO 16202-1:2019)

- prEN ISO 16202-2 en
Dentistry – Nomenclature of oral anomalies – Part 2: Developmental anomalies of teeth (ISO 16202-2:2019)
Stomatologija – Nomenklatura oralnih anomalija – 2. dio: Razvojne anomalije zubi (ISO 16202-2:2019)

- prEN 17500 en
Quality of care and support for older persons
Kvaliteta skrbi i potpore za starije osobe

- prEN ISO 21563 en
Dentistry – Hydrocolloid impression materials (ISO/DIS 21563:2020)
Stomatologija – Hidrokolooidni materijali za otiske (ISO/DIS 21563:2020)

- EN ISO 21606:2007/prA1 en
Dentistry – Elastomeric auxiliaries for use in orthodontics (ISO 21606:2007/DAmD 1:2020)
Stomatologija – Elastomerni pomoćni proizvodi za upotrebu u ortodonciji (ISO 21606:2007/DAmD 1:2020)

- prEN ISO 23445 en
Dentistry – Tissue punches (ISO/DIS 23445:2020)
Stomatologija – Bušila za tkivo (ISO/DIS 23445:2020)

- EN ISO 81060-2:2019/prA1 en
Non-invasive sphygmomanometers – Part 2: Clinical investigation of intermittent automated measurement type (ISO 81060-2:2018/Amd 1:2020)
Neinvazivni sfigmomanometri – 2. dio: Klinička ispitivanja automatiziranih vrsta mjerenja (ISO 81060-2:2018/Amd 1:2020)

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

EN 2576:2020 en

Aerospace series – Bolts, MJ threads, in heat resisting steel FE-PA2601 (A286) – Classification: 900 MPa (at ambient temperature)/650 °C – Technical specification

HZN/TU V1, *Elektronika 1*

prEN IEC 60384-2:2020 en

Fixed capacitors for use in electronic equipment – Part 2: Sectional specification – Fixed metallized polyethylene terephthalate film dielectric d.c. capacitors (IEC 60384-2:202X)

prEN IEC 61587-6:2020 en

Mechanical structures for electrical and electronic equipment – Tests for IEC 60917 and IEC 60297 series – Part 6: Security aspects for indoor cabinets (IEC 61587-6:202X)

HZN/TU W1, *Energetska elektrotehnika 1*

EN 60312-1:2017/prAA:2020 en

Vacuum cleaners for household use – Part 1: Dry vacuum cleaners – Methods for measuring the performance
Usisivači prašine za kućansku uporabu – 1. dio: Suhi vakumski čistači – Metode za mjerenje radnih značajka

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, nupatak) 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 5, *Metalne cijevi i priključci*

HRN EN ISO 7369:2008 en,fr

Cjevovodi – Metalne cijevi i priključci – Terminološki rječnik (ISO 7369:2004; EN ISO 7369:2004)

Pipework – Metal hoses and hose assemblies – Vocabulary (ISO 7369:2004; EN ISO 7369:2004)

- zamijenjena s: HRN EN ISO 7369:2020

HRN EN 14901:2014 en

Duktilne željezne cijevi, spojni dijelovi i pribor – Epoksidne obloge (za teške uvjete) za spojne dijelove i pribor od duktilnog željeza – Zahtjevi i metode ispitivanja (EN 14901:2014)

Ductile iron pipes, fittings and accessories – Epoxy coating (heavy duty) of ductile iron fittings and accessories – Requirements and test methods (EN 14901:2014)

- zamijenjena s: HRN EN 14901-1:2020

HZN/TO 8, *Brodogradnja*

HRN EN ISO 11105:2017 en

Mala plovila – Ventilacija prostora za smještaj benzinskih motora i/ili benzinskih spremnika (ISO 11105:1997; EN ISO 11105:2017)

Small craft – Ventilation of petrol engine and/or petrol tank compartments (ISO 11105:1997; EN ISO 11105:2017)

- zamijenjena s: HRN EN ISO 11105:2020

HRN EN ISO 15083:2018 en

Mala plovila – Sustavi za pražnjenje kaljuže (ISO 15083:2003; EN ISO 15083:2018)

Small craft – Bilge-pumping systems (ISO 15083:2003; EN ISO 15083:2018)

- zamijenjena s: HRN EN ISO 15083:2020

HRN EN ISO 25197:2018 en

Mala plovila – Elektronički upravljački sustavi za kormilarenje, ukapčanje spojke i regulator brzine vrtnje (ISO 25197:2012, uključujući Amd 1:2014; EN ISO 25197:2018)

Small craft – Electrical/electronic control systems for steering, shift and throttle (ISO 25197:2012, including Amd 1:2014; EN ISO 25197:2018)

- zamijenjena s: HRN EN ISO 25197:2020

HZN/TO 21, *Protupožarna i vatrogasna oprema*

HRN EN 54-12:2005 en

Sustavi za otkrivanje i dojavu požara – 12 dio: Detektori dima – Linijski detektori koji upotrebljavaju optičku zraku svjetla (EN 54-12:2002)

Fire detection and fire alarm systems – Part 12: Smoke detectors – Line detectors using an optical light beam (EN 54-12:2002)

- zamijenjena s: HRN EN 54-12:2015

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

HRN EN 13525:2010 en

Šumarska mehanizacija – Iverači drva – Sigurnost (EN 13525:2005+A2:2009)

Forestry machinery – Wood chippers – Safety (EN 13525:2005+A2:2009)

- zamijenjena s: HRN EN 13525:2020

HZN/TO 28, *Naftni proizvodi i maziva*

HRN EN ISO 8222:2003 en

Mjerni sustavi za naftu – Umjeravanje – Korekcije temperature za primjenu pri umjeravanju volumena etalonskih spremnika (ISO 8222:2002; EN ISO 8222:2002)

Petroleum measurement systems – Calibration – Temperature corrections for use when calibrating volumetric proving tanks (ISO 8222:2002; EN ISO 8222:2002)

- zamijenjena s: HRN EN ISO 8222:2020

HRN EN ISO 14935:2005 en

Naftni i srodni proizvodi – Određivanje otpornosti na zapaljenje stijenja vatrootpornih tekućina (ISO 14935:1998; EN ISO 14935:1998)

Petroleum and related products – Determination of wick flame persistence of fire-resistant fluids (ISO 14935:1998; EN ISO 14935:1998)

- zamijenjena s: HRN EN ISO 14935:2020

HZN/TO 120, *Koža i obuća*

HRN EN ISO 14088:2012 en

Koža – Kemijska ispitivanja – Kvantitativna analiza sredstava za štavljenje metodom filtracije (ISO 14088:2012; EN ISO 14088:2012)

Leather – Chemical tests – Quantitative analysis of tanning agents by filter method (ISO 14088:2012; EN ISO 14088:2012)

- zamijenjena s: HRN EN ISO 14088:2020

HRN EN ISO 17131:2012 en

Koža – Identifikacija kože s pomoću mikroskopije (ISO 17131:2012; EN ISO 17131:2012)

Leather – Identification of leather with microscopy (ISO 17131:2012; EN ISO 17131:2012)

- zamijenjena s: HRN EN ISO 17131:2020

HZN/TO 136, *Namještaj*

HRN EN 1335-1:2001 en

Uredski namještaj – Uredske radne stolice – 1. dio: Dimenzije, određivanje dimenzija (EN 1335-1:2000)

Office furniture – Office work chair – Part 1: Dimensions, determination of dimensions (EN 1335-1:2000)

- zamijenjena s: HRN EN 1335-1:2020

HZN/TO 146, *Kvaliteta zraka*

HRN EN 13890:2010 en

Profesionalna izloženost – Postupci za mjerenje metala i metaloida u lebdećim česticama – Zahtjevi i metode ispitivanja (EN 13890:2009)

Workplace exposure – Procedures for measuring metals and metalloids in airborne particles – Requirements and test methods (EN 13890:2009)

- zamijenjena s: HRN EN ISO 21832:2020

HZN/TO 165, *Drvene konstrukcije*

HRN EN ISO 8970:2010 en

Drvene konstrukcije – Ispitivanje spojeva izvedenih mehaničkim spajalima – Zahtjevi za gustoću drva (ISO 8970:2010; EN ISO 8970:2010)

Timber structures – Testing of joints made with mechanical fasteners – Requirements for wood density (ISO 8970:2010; EN ISO 8970:2010)

- zamijenjena s: HRN EN ISO 8970:2020

HZN/TO 172, *Optika i optički instrumenti*

- HRN EN ISO 11553-1:2010 en
Sigurnost strojeva – Laserski strojevi za obradu
– 1. dio: Opći zahtjevi za sigurnost (ISO 11553-1:2005;
EN ISO 11553-1:2008)
Safety of machinery – Laser processing machines
– Part 1: General safety requirements (ISO 11553-1:2005;
EN ISO 11553-1:2008)
- zamijenjena s: HRN EN ISO 11553-1:2020

HZN/TO 178, *Dizala, pokretne stube i pokretne trake za osobe*

- HRN EN 81-70:2003 en
Sigurnosna pravila za konstrukciju i ugradnju dizala
– Posebna primjena za osobna dizala i osobna teretna dizala
– 70. dio: Pristupačnost dizalima za osobe s posebnim
potrebama (EN 81-70:2003)
Safety rules for the construction and installations of lifts
– Particular applications for passenger and good passengers
lifts – Part 70: Accessibility to lifts for persons including
persons with disability (EN 81-70:2003)
- zamijenjena s: HRN EN 81-70:2018
- HRN EN 81-70:2003/A1:2005 en
Sigurnosna pravila za konstrukciju i ugradnju dizala – Posebna
primjena za osobna dizala i osobna teretna dizala – 70. dio:
Pristupačnost dizalima za osobe s posebnim potrebama
(EN 81-70:2003/A1:2004)
Safety rules for the construction and installations of lifts
– Particular applications for passenger and good passengers
lifts – Part 70: Accessibility to lifts for persons including
persons with disability (EN 81-70:2003/A1:2004)
- zamijenjena s: HRN EN 81-70:2018
- HRN EN 81-71:2008 en
Sigurnosna pravila za konstrukciju i ugradnju dizala
– Posebna primjena za osobna dizala i osobna teretna
dizala – 71. dio: Dizala otporna na vandalsko ponašanje
(EN 81-71:2005+A1:2006)
Safety rules for the construction and installation of lifts
– Particular applications to passenger lifts and
goods passenger lifts – Part 71: Vandal resistant lifts
(EN 81-71:2005+A1:2006)
- zamijenjena s: HRN EN 81-71:2018

HZN/TO 181, *Sigurnost igračkaka i proizvodi za djecu*

- HRN EN 71-7:2018 en
Sigurnost igračkaka – 7. dio: Bojila za bojenje prstima – Zahtjevi
i metode ispitivanja (EN 71-7:2014+A2:2018)
Safety of toys – Part 7: Finger paints – Requirements and test
methods (EN 71-7:2014+A2:2018)
- zamijenjena s: HRN EN 71-7:2020

HZN/TO 190, *Kvaliteta tla*

- HRN ISO 14239:2017 en
Kvaliteta tla – Laboratorijski sustav inkubacije za mjerenje
mineralizacije organskih spojeva u tlu u aerobnim uvjetima
(ISO 14239:2017)
Soil quality – Laboratory incubation systems for measuring
the mineralization of organic chemicals in soil under aerobic
conditions (ISO 14239:2017)
- zamijenjena s: HRN EN ISO 14239:2020
- HRN ISO 15473:2004 en
Kakvoća tla – Upute za laboratorijsko ispitivanje biodegradacije
organskih kemikalija u tlu pod anaerobnim uvjetima
(ISO 15473:2002)
Soil quality – Guidance on laboratory testing for biodegradation
of organic chemicals in soil under anaerobic conditions
(ISO 15473:2002)
- zamijenjena s: HRN EN ISO 15473:2020

HZN/TO 207, *Upravljanje okolišem*

- HRN EN ISO 14063:2010 en
Upravljanje okolišem – Komunikacija o okolišu – Smjernice i
primjeri (ISO 14063:2006; EN ISO 14063:2010)
Environmental management – Environmental communication
– Guidelines and examples (ISO 14063:2006;
EN ISO 14063:2010)
- zamijenjena s: HRN EN ISO 14063:2020

HZN/TO 211, *Geoinformacije/Geomatika*

- HRN EN ISO 19136:2011 en
Geoinformacije – Jezik za geooznačivanje (GML)
(ISO 19136:2007; EN ISO 19136:2009)
Geographic information – Geography Markup Language
(GML) (ISO 19136:2007; EN ISO 19136:2009)
- zamijenjena s: HRN EN ISO 19136-1:2020

HZN/TO 218, *Drvo*

- HRN EN 1390:2008 en
Sredstva za zaštitu drva – Određivanje postupaka istrijebljenja
Hylotrupes bajulus (Linnaeus) larve – Laboratorijska metoda
(EN 1390:2006)
Wood preservatives – Determination of the eradicator action
against Hylotrupes bajulus (Linnaeus) larvae – Laboratory
method (EN 1390:2006)
- zamijenjena s: HRN EN 1390:2020
- HRN EN 14915:2017 hr-en
Zidne i stropne obloge od cjelovitoga drva – Značajke, zahtjevi
i označivanje (EN 14915:2013+A1:2017)
Solid wood panelling and cladding – Characteristics,
requirements and marking (EN 14915:2013+A1:2017)
- zamijenjena s: HRN EN 14915:2020

HZN/TO 503, *Metalni materijali*

- HRN EN 1676:2011 en
Aluminij i aluminijeve legure – Legirani ingoti za pretaljanje
– Specifikacije (EN 1676:2010)
Aluminium and aluminium alloys – Alloyed ingots for remelting
– Specifications (EN 1676:2010)
- zamijenjena s: HRN EN 1676:2020
- HRN EN 1706:2011 en
Aluminij i aluminijeve legure – Odljevci – Kemijski sastav i
mehanička svojstva (EN 1706:2010)
Aluminium and aluminium alloys – Castings – Chemical
composition and mechanical properties (EN 1706:2010)
- zamijenjena s: HRN EN 1706:2020
- HRN EN 10139:2016 en
Hladno valjane trake bez prevlaka od niskougličnog
čelika za hladno oblikovanje – Tehnički uvjeti isporuke
(EN 10139:2016)
Cold rolled uncoated low carbon steel narrow strip for cold
forming – Technical delivery conditions (EN 10139:2016)
- zamijenjena s: HRN EN 10139:2020

HZN/TO 508, *Ambalaža i pakiranje*

- HRN EN 14635:2011 en
Staklena ambalaža – Krunsko grlo 26 H 126 – Dimenzije
(EN 14635:2010)
Glass packaging – 26 H 126 crown finish – Dimensions
(EN 14635:2010)
- zamijenjena s: HRN EN ISO 12822:2020

HZN/TO 522, *Karakterizacija i zbrinjavanje otpada*

- HRN EN 840-1:2013 en
Pokretni spremnici za otpad i recikliranje – 1. dio: Spremnici
s 2 kotača obujma do 400 l za uporabu pomoću naprava za
podizanje – Dimenzije i dizajn (EN 840-1:2012)
Mobile waste and recycling containers – Part 1: Containers
with 2 wheels with a capacity up to 400 l for comb lifting
devices – Dimensions and design (EN 840-1:2012)
- zamijenjena s: HRN EN 840-1:2020
- HRN EN 840-2:2013 en
Pokretni spremnici za otpad i recikliranje – 2. dio: Spremnici s
4 kotača obujma do 1 300 l s ravnim poklopcem za podizanje
pomoću rukavaca i/ili naprava za podizanje – Dimenzije i
dizajn (EN 840-2:2012)
Mobile waste and recycling containers – Part 2: Containers
with 4 wheels with a capacity up to 1 300 l with flat lid(s), for
trunnion and/or comb lifting devices – Dimensions and design
(EN 840-2:2012)
- zamijenjena s: HRN EN 840-2:2020

HRN EN 840-3:2013 en

Pokretni spremnici za otpad i recikliranje – 3. dio: Spremnici s 4 kotača obujma do 1 300 l s kliznim poklopcem za podizanje pomoću rukavaca i/ili naprava za podizanje – Dimenzije i dizajn (EN 840-3:2012)

Mobile waste and recycling containers – Part 3: Containers with 4 wheels with a capacity up to 1 300 l with dome lid(s), for trunnion and/or comb lifting devices – Dimensions and design (EN 840-3:2012)

- zamijenjena s: HRN EN 840-3:2020

HRN EN 840-4:2013 en

Pokretni spremnici za otpad i recikliranje – 4. dio: Spremnici s 4 kotača obujma do 1 700 l s ravnim poklopcem za utovar sustavom široki rukavac ili BG- i/ili utovar napravama za podizanje – Dimenzije i dizajn (EN 840-4:2012)

Mobile waste and recycling containers – Part 4: Containers with 4 wheels with a capacity up to 1 700 l with flat lid(s), for wide trunnion or BG- and/or wide comb lifting devices – Dimensions and design (EN 840-4:2012)

- zamijenjena s: HRN EN 840-4:2020

HRN EN 840-5:2013 en

Pokretni spremnici za otpad i recikliranje – 5. dio: Zahtjevi izvedbe i ispitne metode (EN 840-5:2012)

Mobile waste and recycling containers – Part 5: Performance requirements and test methods (EN 840-5:2012)

- zamijenjena s: HRN EN 840-5:2020

HRN EN 840-6:2013 en

Pokretni spremnici za otpad i recikliranje – 6. dio: Sigurnosni i zdravstveni zahtjevi (EN 840-6:2012)

Mobile waste and recycling containers – Part 6: Safety and health requirements (EN 840-6:2012)

- zamijenjena s: HRN EN 840-6:2020

HZN/TO 528, Oprema za željeznice

HRN EN 13146-4:2014 en

Željeznički sustav – Željeznički gornji ustroj – Ispitne metode za kolosiječni pričvrtni pribor – 4. dio: Utjecaj ponavljanja opterećenja (EN 13146-4:2012+A1:2014)

Railway applications – Track – Test methods for fastening systems – Part 4: Effect of repeated loading (EN 13146-4:2012+A1:2014)

- zamijenjena s: HRN EN 13146-4:2020

HRN EN 13146-9:2012 en

Željeznički sustav – Željeznički gornji ustroj – Metode ispitivanja za kolosiječni pričvrtni pribor – 9. dio: Određivanje krutosti (EN 13146-9:2009+A1:2011)

Railway applications – Track – Test methods for fastening systems – Part 9: Determination of stiffness (EN 13146-9:2009+A1:2011)

- zamijenjena s: HRN EN 13146-9:2020

HRN EN 15227:2011 en

Željeznički sustav – Zahtjevi za otpornost na sudare sanduka željezničkih vozila (EN 15227:2008+A1:2010)

Railway applications – Crashworthiness requirements for railway vehicle bodies (EN 15227:2008+A1:2010)

- zamijenjena s: HRN EN 15227:2020

HRN EN 15611:2011 en

Željeznički sustav – Kočenje – Prijenosni ventili (EN 15611:2008+A1:2010)

Railway applications – Braking – Relay valves (EN 15611:2008+A1:2010)

- zamijenjena s: HRN EN 15611:2020

HZN/TO 531, Plastika i guma

HRN EN ISO 4894-2:2008 en

Plastika – Stiren/akrilonitrili (SAN) prešani i ekstrudirani materijali – 2. dio: Priprema ispitaka i određivanje svojstava (ISO 4894-2:1995; EN ISO 4894-2:1999)

Plastics – Styrene/acrylonitrile (SAN) moulding and extrusion materials – Part 2: Preparation of test specimens and determination of properties (ISO 4894-2:1995; EN ISO 4894-2:1999)

- zamijenjena s: HRN EN ISO 19064-2:2020

HRN EN ISO 10366-2:2008 en

Plastika – Metil-metakrilat/akrilonitril/butadien/stirenski (MABS) prešani i ekstrudirani materijali – 2. dio: Priprava ispitaka i određivanje njihovih svojstava (ISO 10366-2:2003; EN ISO 10366-2:2003)

Plastics – Methyl methacrylate-acrylonitrile-butadiene-styrene (MABS) moulding and extrusion materials – Part 2: Preparation of test specimens and determination of properties (ISO 10366-2:2003; EN ISO 10366-2:2003)

- zamijenjena s: HRN EN ISO 19066-2:2020

HZN/TO 535, Agregati

HRN EN 1097-2:2011 en

Ispitivanja mehaničkih i fizikalnih svojstava agregata – 2. dio: Metode za određivanje otpornosti na drobljenje (EN 1097-2:2010)

Tests for mechanical and physical properties of aggregates – Part 2: Methods for the determination of resistance to fragmentation (EN 1097-2:2010)

- zamijenjena s: HRN EN 1097-2:2020

HRN EN 1097-8:2009 en

Ispitivanja mehaničkih i fizikalnih svojstava agregata – 8. dio: Određivanje vrijednosti polirnosti kamena (EN 1097-8:2009)

Tests for mechanical and physical properties of aggregates – Part 8: Determination of the polished stone value (EN 1097-8:2009)

- zamijenjena s: HRN EN 1097-8:2020

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

HRN EN ISO 10360-5:2010 en

Geometrijske specifikacije proizvoda (GSP) – Testovi za prihvatljivost i naknadnu provjeru trokoordinatnih mjernih uređaja (TMU) – 5. dio: TMU-a s jednostrukim i višestrukim sustavima ticala za ispitivanje (ISO 10360-5:2010; EN ISO 10360-5:2010)

Geometrical product specifications (GPS) – Acceptance and reverification tests for coordinate measuring machines (CMM) – Part 5: CMMs using single and multiple stylus contacting probing systems (ISO 10360-5:2010; EN ISO 10360-5:2010)

- zamijenjena s: HRN EN ISO 10360-5:2020

HRN EN ISO 16610-29:2015 en

Geometrijske specifikacije proizvoda (GPS) – Filtriranje – 29. dio: Filteri linearnog profila: Valiči splajna (ISO 16610-29:2015; EN ISO 16610-29:2015)

Geometrical product specifications (GPS) – Filtration – Part 29: Linear profile filters: Spline wavelets (ISO 16610-29:2015; EN ISO 16610-29:2015)

- zamijenjena s: HRN EN ISO 16610-29:2020

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

HRN EN ISO 16484-6:2014 en

Upravljanje u zgradarstvu i upravljački sustavi (BACS) – 6. dio: Ispitivanje sukladnosti podatkovne komunikacije (ISO 16484-6:2014; EN ISO 16484-6:2014)

Building automation and control systems (BACS) – Part 6: Data communication conformance testing (ISO 16484-6:2014; EN ISO 16484-6:2014)

- zamijenjena s: HRN EN ISO 16484-6:2020

HZN/TO 543, Poštanske usluge

HRS CEN/TS 15130:2008 en

Poštanske usluge – DPM infrastruktura – Poruke za podršku DPM aplikacijama (CEN/TS 15130:2006)

Postal services – DPM infrastructure – Messages supporting DPM applications (CEN/TS 15130:2006)

- zamijenjena s: HRS CEN/TS 15130:2020

HZN/TO 544, Strojni elementi

HRN EN ISO 3506-1:2010 en

Mehanička svojstva spojnih elemenata izrađenih od nehrđajućih čelika – 1. dio: Vijci i svorni vijci (ISO 3506-1:2009; EN ISO 3506-1:2009)

Mechanical properties of corrosion-resistant stainless steel fasteners – Part 1: Bolts, screws and studs (ISO 3506-1:2009; EN ISO 3506-1:2009)

- zamijenjena s: HRN EN ISO 3506-1:2020

HRN EN ISO 3506-2:2010 en
Mehanička svojstva spojnih elemenata izrađenih od nehrđajućih čelika – 2. dio: Matice (ISO 3506-2:2009; EN ISO 3506-2:2009)
Mechanical properties of corrosion-resistant stainless steel fasteners – Part 2: Nuts (ISO 3506-2:2009; EN ISO 3506-2:2009)
- zamijenjena s: HRN EN ISO 3506-2:2020

HZN/TO 550, Opskrba vodom

HRN EN 12897:2016 en
Opskrba vodom – Specifikacija za neizravno grijane, neventilirane (zatvorene) akumulacijske grijalice za vodu (EN 12897:2016)
Water supply – Specification for indirectly heated unvented (closed) storage water heaters (EN 12897:2016)
- zamijenjena s: HRN EN 12897:2020

HZN/TO 551, Gradnja

HRN EN ISO 16739:2016 en
Industry Foundation Classes (IFC) za razmjenu podataka u građevinskoj industriji i industriji upravljanja održavanjem građevina (ISO 16739:2013; EN ISO 16739:2016)
Industry Foundation Classes (IFC) for data sharing in the construction and facility management industries (ISO 16739:2013; EN ISO 16739:2016)
- zamijenjena s: HRN EN ISO 16739-1:2020

HZN/TO 557, Zaštitna odjeća

HRN EN 407:2005 en
Rukavice za zaštitu od toplinskih rizika (topline i/ili vatre) (EN 407:2004)
Protective gloves against thermal risks (heat and/or fire) (EN 407:2004)
- zamijenjena s: HRN EN 407:2020

HRN EN 15614:2008 en
Zaštitna odjeća za vatrogasce – Laboratorijske ispitne metode i zahtjevi za svojstva za odjeću koja se nosi na otvorenome prostoru (EN 15614:2007)
Protective clothing for firefighters – Laboratory test methods and performance requirements for wildland clothing (EN 15614:2007)
- zamijenjena s: HRN EN ISO 15384:2020

HZN/TO 559, Zaporni, regulacijski i sigurnosni uređaji

HRN EN 16767:2016 en
Industrijski zaporni uređaji – Protupovratne zaklopke od lijevanog željeza i čelika (EN 16767:2016)
Industrial valves – Steel and cast iron check valves (EN 16767:2016)
- zamijenjena s: HRN EN 16767:2020

HRN EN 28659:2008 en
Termoplastični zaporni uređaji – Dinamička (trajna) čvrstoća – Ispitna metoda (ISO 8659:1989; EN 28659:1990)
Thermoplastics valves – Fatigue strength – Test method (ISO 8659:1989; EN 28659:1990)
- zamijenjena s: HRN EN ISO 8659:2020

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

HRN EN 1440:2018 en
Oprema i pribor za UNP – Prenosive, ponovno punjive čelične boce za ukapljeni naftni plin (UNP) uobičajeno zavarene i tvrdo lemljene – Periodični pregled (EN 1440:2016+A1:2018)
LPG equipment and accessories – Transportable refillable traditional welded and brazed steel Liquefied Petroleum Gas (LPG) cylinders – Periodic inspection (EN 1440:2016+A1:2018)
- zamijenjena s: HRN EN 1440:2020

HRN EN 16728:2018 en
Oprema i pribor za UNP – Prenosive, ponovno punjive boce za UNP osim zavarenih i tvrdo lemljenih čeličnih boca – Periodični pregled (EN 16728:2016+A1:2018)
LPG equipment and accessories – Transportable refillable LPG cylinders other than traditional welded and brazed steel cylinders – Periodic inspection (EN 16728:2016+A1:2018)
- zamijenjena s: HRN EN 16728:2020

HZN/TO 562, Alatni strojevi i alati

HRN EN 940:2012 en
Sigurnost strojeva za obradu drva – Kombinirani strojevi za obradu drva (EN 940:2009+A1:2012)
Safety of woodworking machines – Combined woodworking machines (EN 940:2009+A1:2012)
- zamijenjena s: HRN EN ISO 19085-11:2020

HRN EN 12413:2012 en
Sigurnosni zahtjevi za proizvode od lijepljenih abraziva (EN 12413:2007+A1:2011)
Safety requirements for bonded abrasive products (EN 12413:2007+A1:2011)
- zamijenjena s: HRN EN 12413:2020

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

HRN EN 1651:2018 en
Oprema za paraglajding – Sigurnosno remenje – Zahtjevi za sigurnost i ispitivanje izdržljivosti (EN 1651:2018)
Paragliding equipment – Harnesses – Safety requirements and strength tests (EN 1651:2018)
- zamijenjena s: HRN EN 1651:2020

HRN EN ISO 5912:2011 en
Šatori za kampiranje (ISO 5912:2011; EN ISO 5912:2011)
Camping tents (ISO 5912:2011; EN ISO 5912:2011)
- zamijenjena s: HRN EN ISO 5912:2020

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

HRN EN 1816:2010 en
Elastične podne obloge – Specifikacija za homogene i heterogene podne obloge od glatke gume s pjenastom podlogom (EN 1816:2010)
Resilient floor coverings – Specification for homogeneous and heterogeneous smooth rubber floor coverings with foam backing (EN 1816:2010)
- zamijenjena s: HRN EN 1816:2020

HRN EN 1817:2010 en
Elastične podne obloge – Specifikacija za homogene i heterogene podne obloge od glatke gume (EN 1817:2010)
Resilient floor coverings – Specification for homogeneous and heterogeneous smooth rubber floor coverings (EN 1817:2010)
- zamijenjena s: HRN EN 1817:2020

HRN EN 12199:2010 en
Elastične podne obloge – Specifikacija za homogene i heterogene podne obloge od reljefne gume (EN 12199:2010)
Resilient floor coverings – Specifications for homogeneous and heterogeneous relief rubber floor coverings (EN 12199:2010)
- zamijenjena s: HRN EN 12199:2020

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

HRN EN ISO 3262-1:1999 en
Punila za boje – Specifikacije i metode ispitivanja – 1. dio: Uvod i opće metode ispitivanja (ISO 3262-1:1997; EN ISO 3262-1:1998)
Extenders for paints – Specifications and methods of test – Part 1: Introduction and general test methods (ISO 3262-1:1997; EN ISO 3262-1:1998)
- zamijenjena s: HRN EN ISO 3262-1:2020

HRN EN ISO 3657:2013 en
Životinjske i biljne masti i ulja – Određivanje broja osapunjenja (ISO 3657:2013; EN ISO 3657:2013)
Animal and vegetable fats and oils – Determination of saponification value (ISO 3657:2013; EN ISO 3657:2013)
- zamijenjena s: HRN EN ISO 3657:2020

HRN EN 14293:2007 en
Adhezivi – Ljepila za lijepljenje parketa na podlogu – Metode ispitivanja i minimalni zahtjevi (EN 14293:2006)
Adhesives – Adhesives for bonding parquet to subfloor – Test methods and minimum requirements (EN 14293:2006)
- zamijenjena s: HRN EN ISO 17178:2020

HRS CEN/TS 16358:2013 en

Boje i lakovi – Premazna sredstva i premazni sustavi za drvo na vanjskim prostorima – Ocjenjivanje prisutnosti zraka/mikropjene u filmovima premaza (CEN/TS 16358:2012)
Paints and varnishes – Coating materials and coating systems for exterior wood – Assessment of air inclusions/microfoam in coating films (CEN/TS 16358:2012)
- zamijenjena s: HRN EN 927-11:2020

HRS CEN/TS 16359:2013 en

Boje i lakovi – Premazna sredstva i premazni sustavi za drvo na vanjskim prostorima – Ocjenjivanje otpora čvora prema bojenju u premazima drvenih površina (CEN/TS 16359:2012)
Paints and varnishes – Coating materials and coating systems for exterior wood – Assessment of knot staining resistance of wood coatings (CEN/TS 16359:2012)
- zamijenjena s: HRN EN 927-7:2020

HRN EN ISO/ASTM 52915:2017 en

Specifikacija formata datoteke za proizvodnju aditiva (AMF), verzija 1.2 (ISO/ASTM 52915:2016; EN ISO/ASTM 52915:2017)
Specification for additive manufacturing file format (AMF) Version 1.2 (ISO/ASTM 52915:2016; EN ISO/ASTM 52915:2017)
- zamijenjena s: HRN EN ISO/ASTM 52915:2020

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

HRN EN 1615:2008 en

Kateteri i kompleti za enteralnu prehranu za jednokratnu upotrebu i njihovi priključci – Dizajn i ispitivanje (EN 1615:2000)
Enteral feeding catheters and enteral giving sets for single use and their connectors – Design and testing (EN 1615:2000)
- zamijenjena s: HRN EN ISO 20695:2020

HRN EN 1618:2008 en

Kateteri koji nisu intravaskularni – Metode ispitivanja zajedničkih svojstava (EN 1618:1997)
Catheters other than intravascular catheters – Test methods for common properties (EN 1618:1997)
- zamijenjena s: HRN EN ISO 20695:2020

HRN EN ISO 8637:2014 en

Kardiovaskularni implantati i ekstrakorporalni sustavi – Uređaji za hemodijalizu, hemodijafiltriranje, hemofiltriranje i hemokonzraciju (ISO 8637:2010, uključujući Amandman 1 2013-04-01; EN ISO 8637:2014)
Cardiovascular implants and extracorporeal systems – Haemodialysers, haemodiafilters, haemofilters and haemoconcentrators (ISO 8637:2010, including Amendment 1 2013-04-01; EN ISO 8637:2014)
- zamijenjena s: HRN EN ISO 8637-1:2020

HRN EN 13726-6:2008 en

Neaktivni medicinski proizvodi – Metode ispitivanja za primarne zavoje – 6. dio: Kontrola mirisa (EN 13726-6:2003)
Non-active medical devices – Test methods for primary wound dressing – Part 6: Odour control (EN 13726-6:2003)
- bez zamjene

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 215, Medicinska informatika

- **umjesto**

HRN EN 17269:2019

Zdravstvena informatika – **Sažetak međunarodnih pacijentovih medicinskih podataka za prekograničnu zdravstvenu zaštitu** (EN 17269:2019)
Health informatics – **The Patient Summary for Unscheduled, Cross-border Care** (EN 17269:2019)

- **treba biti**

HRN EN 17269:2019

Zdravstvena informatika – **Sažetak međunarodnih pacijentovih medicinskih podataka** (EN 17269:2019)
Health informatics – **The International Patient Summary** (EN 17269:2019)

HZN/TO E62, Električna oprema u medicinskoj opremi

- **umjesto**

HRN EN IEC 61223-3-5:2019

Vrednovanje i rutinska ispitivanja na odjelima za medicinsko snimanje – Dio 3-5: **Prihvatna ispitivanja i ispitivanja nepromjenljivosti** – Učinkovitost snimanja rendgenske opreme za računalnu tomografiju (IEC 61223-3-5:2019; EN IEC 61223-3-5:2019)
Evaluation and routine testing in medical imaging departments – Part 3-5: **Acceptance tests and constancy tests** – Imaging performance of computed tomography X-ray equipment (IEC 61223-3-5:2019; EN IEC 61223-3-5:2019)

- **treba biti**

HRN EN IEC 61223-3-5:2019

Vrednovanje i rutinska ispitivanja na odjelima za medicinsko snimanje – Dio 3-5: **Ispitivanja prihvatljivosti i nepromjenljivosti** – Učinkovitost snimanja rendgenske opreme za računalnu tomografiju (IEC 61223-3-5:2019; EN IEC 61223-3-5:2019)
Evaluation and routine testing in medical imaging departments – Part 3-5: **Acceptance and constancy tests** – Imaging performance of computed tomography X-ray equipment (IEC 61223-3-5:2019; EN IEC 61223-3-5:2019)

1.10 Prijevodi hrvatskih normativnih dokumenata

HZN/TO 21, Graditeljstvo

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

HRN EN 1866-2:2014 hr-en-pr-pp

Mobilni vatrogasni aparati – 2. dio: Zahtjevi za konstrukciju, otpornost na tlak i mehanička ispitivanja za vatrogasne aparate s maksimalnim dozvoljenim tlakom jednakim ili nižim od 30 bara koji zadovoljavaju zahtjeve norme EN 1866-1 (EN 1866-2:2014)
Mobile fire extinguishers – Part 2: Requirements for the construction, pressure resistance and mechanical tests for extinguishers, with a maximum allowable pressure equal to or lower than 30 bar, which comply with the requirements of EN 1866-1 (EN 1866-2:2014)

HZN/TO 207, Upravljanje okolišem

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

HRN EN ISO 14015:2010 hr-en pr-pp

Upravljanje okolišem – Procjena okoliša lokacija i organizacija (EASO) (ISO 14015:2001; EN ISO 14015:2010)
Environmental management – Environmental assessment of sites and organizations (EASO) (ISO 14015:2001; EN ISO 14015:2010)

HZN/TO 556, *Osobna zaštitna oprema*

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

HRN EN 15090:2012 hr-en pr-pp
Obuća za vatrogasce (EN 15090:2012)
Footwear for firefighters (EN 15090:2012)

HZN/TO E106, *Elektromagnetska polja u ljudskome okolišu*

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

HRN EN 50647:2017 hr-en pr-pp
Osnovna norma za procjenu izloženosti radnika električnim i magnetskim poljima uređaja i instalacija za proizvodnju, prijenos i distribuciju električne energije (EN 50647:2017)
Basic standard for the evaluation of workers' exposure to electric and magnetic fields from equipment and installations for the production, transmission and distribution of electricity (EN 50647:2017)

2 Rezultati međunarodne i europske normizacije razvrstani po predmetnom ustroju

Europska normizacija (CEN)

Oznaka norme	Naslov norme	ICS	Datum objave
EN 131-4	Ladders – Part 4: Single or multiple hinge-joint ladders	97.145	2020-03
EN 197-2	Cement – Part 2: Assessment and verification of constancy of performance	91.100.10	2020-03
CEN/TR 1591-2	Flanges and their joints – Design rules for gasketed circular flange connections – Part 2: Gasket parameters	23.040.60	2020-03
EN 2960	Aerospace series – Heat resisting nickel base alloy (NI-P101HT) – Cold worked and solution treated – Bars for machining for fasteners – $3 \text{ mm} \leq D \leq 50 \text{ mm}$	49.025.99	2020-03
EN 6046	Aerospace series – Bearing, spherical, plain, in corrosion resisting steel – Narrow series – Dimensions and loads – Inch series	49.035	2020-03
EN 12312-15	Aircraft ground support equipment – Specific requirements – Part 15: Baggage and equipment tractors	49.100	2020-03
EN 12370	Natural stone test methods – Determination of resistance to salt crystallisation	73.020; 91.100.15	2020-03
EN 12697-1	Bituminous mixtures – Test methods – Part 1: Soluble binder content	93.080.20	2020-03
EN 12735-1	Copper and copper alloys – Seamless, round tubes for air conditioning and refrigeration – Part 1: Tubes for piping systems	23.040.15	2020-03
EN 12953-5	Shell boilers – Part 5: Inspection during construction, documentation and marking of pressure parts of the boiler	27.060.30	2020-03
EN 13629	Wood flooring – Solid individual and pre-assembled hardwood boards	79.080; 91.060.30	2020-03
EN 13718-1+A1	Medical vehicles and their equipment – Air ambulances – Part 1: Requirements for medical devices used in air ambulances	11.040.01; 11.160; 49.020	2020-03
EN 13718-2+A1	Medical vehicles and their equipment – Air ambulances – Part 2: Operational and technical requirements for air ambulances	11.040.01; 11.160; 49.020	2020-03
EN 14025/AC	Tanks for the transport of dangerous goods – Metallic pressure tanks – Design and construction	13.300; 23.020.20	2020-03
EN 14128	Durability of wood and wood-based products – Efficacy criteria for curative wood preservatives as determined by biological tests	71.100.50	2020-03
CEN/TR 14245	Cement – Guidelines for the application of EN 197-2: Assessment and verification of constancy of performance	91.100.10	2020-03
EN 14624	Performance of portable locating leak detectors and of fixed gas detectors for all refrigerants	23.040.99; 71.100.45	2020-03
EN 15398	Resilient, textile, laminate and modular mechanical locked floor coverings (MMF) – Floor covering standard symbols – Complementary element	97.150	2020-03
EN 15597-1	Winter maintenance equipment – Spreading and spraying machines – Part 1: General requirements and definitions	13.030.40	2020-03
EN 15741	Animal feeding stuffs: Methods of sampling and analysis – Determination of OCPs and PCBs by GC-MS	65.120	2020-03
EN 15742	Animal feeding stuffs: Methods of sampling and analysis – Determination of OCPs by GC-ECD	65.120	2020-03
CEN/TR 16192	Waste – Guidance on analysis of eluates	13.030.99	2020-03
EN 16729-2	Railway applications – Infrastructure – Non-destructive testing on rails in track – Part 2: Eddy current testing of rails in track	93.100	2020-03
EN 16867	Building hardware – Mechatronic door furniture – Requirements and test methods	91.190	2020-03
EN 17084/AC	Railway applications – Fire protection on railway vehicles – Toxicity test of materials and components	13.220.40; 45.060.01	2020-03
EN 17092-1	Protective garments for motorcycle riders – Part 1: Test methods	13.340.10	2020-03
EN 17099	Information technology – Fishery and aquaculture products – Requirements for labelling of distribution units and pallets in the trade of fishery and aquaculture products	35.040.50; 67.120.30	2020-03
EN 17109	Mountaineering equipment – Individual safety systems for rope courses – Safety requirements and test methods	97.220.40	2020-03

Oznaka norme	Naslov norme	ICS	Datum objave
EN 17213	Windows and doors – Environmental Product Declarations – Product category rules for windows and pedestrian doorsets	91.010.99; 91.060.50	2020-03
EN 17232	Water play equipment and features – Safety requirements, test methods and operational requirements	97.220.40	2020-03
EN 17243	Cathodic protection of internal surfaces of metallic tanks, structures, equipment, and piping containing seawater	47.020.30; 77.060	2020-03
EN 17293	Temporary works equipment – Execution – Requirements for manufacturing	91.220	2020-03
EN 17333-1	Characterisation of one component foam – Part 1: Foam yield characteristics	83.180	2020-03
EN 17333-2	Characterisation of one component foam – Part 2: Expansion characteristics	83.180	2020-03
EN 17333-3	Characterisation of one component foam – Part 3: Application	83.180	2020-03
EN 17333-4	Characterisation of one component foam – Part 4: Mechanical strength	91.100.60	2020-03
EN 17333-5	Characterisation of one component foam – Part 5: Insulation	83.180	2020-03
EN 17344	Agricultural machinery – Self-propelled agricultural and forestry vehicles – Requirements for braking	65.060.01	2020-03
EN 17399	Algae and algae products – Terms and definitions	01.040.13; 13.020.55	2020-03
CEN/TR 17469	Railway applications – Axle design method	45.040	2020-03
CWA 17525	Elements of fair and functioning data economy: identity, consent and logging	35.030; 35.240.01	2020-03
EN ISO 75-1	Plastics – Determination of temperature of deflection under load – Part 1: General test method (ISO 75-1:2020)	83.080.01	2020-03
EN ISO 665	Oilseeds – Determination of moisture and volatile matter content (ISO 665:2020)	67.200.20	2020-03
EN ISO 1833-17	Textiles – Quantitative chemical analysis – Part 17: Mixtures of cellulose fibres and certain fibres with chlorofibres and certain other fibres (method using concentrated sulfuric acid) (ISO 1833-17:2019)	59.060.01	2020-03
EN ISO 6579-1/A1	Microbiology of the food chain – Horizontal method for the detection, enumeration and serotyping of Salmonella – Part 1: Detection of Salmonella spp. – Amendment 1 Broader range of incubation temperatures, amendment to the status of Annex D, and correction of the composition of MSRV and SC (ISO 6579-1:2017/Amd 1:2020)	07.100.30	2020-03
EN ISO 7010	Graphical symbols – Safety colours and safety signs – Registered safety signs (ISO 7010:2019)	01.080.10; 01.080.20	2020-03
EN ISO 7096	Earth-moving machinery – Laboratory evaluation of operator seat vibration (ISO 7096:2020)	13.160; 53.100	2020-03
EN ISO 7526	Ferronickels – Determination of sulfur content – Infrared absorption method after induction furnace combustion (ISO 7526:2020)	77.100; 77.120.40	2020-03
EN ISO 7787-2	Dentistry – Laboratory cutters – Part 2: Carbide laboratory cutters (ISO 7787-2:2020)	11.060.20	2020-03
EN ISO 11357-2	Plastics – Differential scanning calorimetry (DSC) – Part 2: Determination of glass transition temperature and step height (ISO 11357-2:2020)	83.080.01	2020-03
EN ISO 11925-2	Reaction to fire tests – Ignitability of products subjected to direct impingement of flame – Part 2: Single-flame source test (ISO 11925-2:2020)	13.220.50	2020-03
EN ISO 14096-1	Non-destructive testing – Qualification of radiographic film digitisation systems – Part 1: Definitions, quantitative measurements of image quality parameters, standard reference film and qualitative control (ISO 14096-1:2005)	37.040.25	2020-03
EN ISO 14096-2	Non-destructive testing – Qualification of radiographic film digitisation systems – Part 2: Minimum requirements (ISO 14096-2:2005)	37.040.25	2020-03
EN ISO 15098	Dentistry – Dental tweezers (ISO 15098:2020)	11.060.20	2020-03

Oznaka norme	Naslov norme	ICS	Datum objave
EN ISO/IEC 15408-3	Information technology – Security techniques – Evaluation criteria for IT security – Part 3: Security assurance components (ISO/IEC 15408-3:2008)	35.030	2020-03
EN ISO 16526-1	Non-destructive testing – Measurement and evaluation of the X-ray tube voltage – Part 1: Voltage divider method (ISO 16526-1:2011)	19.100	2020-03
EN ISO 16526-2	Non-destructive testing – Measurement and evaluation of the X-ray tube voltage – Part 2: Constancy check by the thick filter method (ISO 16526-2:2011)	19.100	2020-03
EN ISO 16526-3	Non-destructive testing – Measurement and evaluation of the X-ray tube voltage – Part 3: Spectrometric method (ISO 16526-3:2011)	19.100	2020-03
EN ISO 16624	Wheat flour and durum wheat semolina – Determination of colour by diffuse reflectance colorimetry (ISO 16624:2020)	67.060	2020-03
EN ISO 16972	Respiratory protective devices – Vocabulary and graphical symbols (ISO 16972:2020)	01.040.13; 13.340.30	2020-03
EN ISO 17409	Electrically propelled road vehicles – Conductive power transfer – Safety requirements (ISO 17409:2020)	43.120	2020-03
EN ISO 18526-1	Eye and face protection – Test methods – Part 1: Geometrical optical properties (ISO 18526-1:2020)	13.340.20	2020-03
EN ISO 18526-2	Eye and face protection – Test methods – Part 2: Physical optical properties (ISO 18526-2:2020)	13.340.20	2020-03
EN ISO 18526-4	Eye and face protection – Test methods – Part 4: Headforms (ISO 18526-4:2020)	13.340.20	2020-03
EN ISO 18674-3/A1	Geotechnical investigation and testing – Geotechnical monitoring by field instrumentation – Part 3: Measurement of displacements across a line: Inclinometers – Amendment 1 (ISO 18674-3:2017/Amd 1:2020)	13.080.20; 93.020	2020-03
EN ISO 19111	Geographic information – Referencing by coordinates (ISO 19111:2019)	35.240.70	2020-03
EN ISO 20024	Solid biofuels – Safe handling and storage of solid biofuel pellets in commercial and industrial applications (ISO 20024:2020)	27.190; 75.160.40	2020-03
EN ISO 20321	Petroleum, petrochemical and natural gas industries – Safety of machineries – Powered elevators (ISO 20321:2020)	13.110; 75.180.10	2020-03
EN ISO 20361/A11	Liquid pumps and pumps units – Noise test code – Grades 2 and 3 of accuracy (ISO 20361:2019)	17.140.20; 23.080	2020-03
EN ISO 21043-2	Forensic sciences – Part 2: Recognition, recording, collecting, transport and storage of items (ISO 21043-2:2018)	07.140	2020-03
EN ISO 21204	Geometrical product specifications (GPS) – Transition specification (ISO 21204:2020)	17.040.01	2020-03
EN ISO 21420	Protective gloves – General requirements and test methods (ISO 21420:2020)	13.340.40	2020-03
EN ISO 21853	Kite boarding – Release system – Safety requirements and test methods (ISO 21853:2020)	97.220.40	2020-03
EN ISO 21904-1	Health and safety in welding and allied processes – Equipment for capture and separation of welding fume – Part 1: General requirements (ISO 21904-1:2020)	13.100; 25.160.01	2020-03
EN ISO 21904-2	Health and safety in welding and allied processes – Equipment for capture and separation of welding fume – Part 2: Requirements for testing and marking of separation efficiency (ISO 21904-2:2020)	13.100; 25.160.01	2020-03
EN ISO 21904-4	Health and safety in welding and allied processes – Equipment for capture and separation of welding fume – Part 4: Determination of the minimum air volume flow rate of capture devices (ISO 21904-4:2020)	13.100; 25.160.30	2020-03
EN ISO 21945	Solid biofuels – Simplified sampling method for small scale applications (ISO 21945:2020)	27.190; 75.160.40	2020-03
CEN ISO/TR 21960	Plastics – Environmental aspects – State of knowledge and methodologies (ISO/TR 21960:2020)	13.020.01; 83.080.01	2020-03
EN ISO 22367	Medical laboratories – Application of risk management to medical laboratories (ISO 22367:2020)	11.100.01	2020-03

Oznaka norme	Naslov norme	ICS	Datum objave
EN ISO 22476-14	Geotechnical investigation and testing – Field testing – Part 14: Borehole dynamic probing (ISO 22476-14:2020)	93.020	2020-03
EN ISO 22570	Dentistry – Spoons and bone curettes (ISO 22570:2020)	11.060.20	2020-03
EN ISO 23153-1	Plastics – Polyetheretherketone (PEEK) moulding and extrusion materials – Part 1: Designation system and basis for specifications (ISO 23153-1:2020)	83.080.20	2020-03
EN ISO 23386	Building information modelling and other digital processes used in construction – Methodology to describe, author and maintain properties in interconnected data dictionaries (ISO 23386:2020)	35.240.67	2020-03
EN ISO 28399	Dentistry – External tooth bleaching products (ISO 28399:2020)	71.100.70; 97.170	2020-03
EN ISO 80000-8	Quantities and units – Part 8: Acoustics (ISO 80000-8:2020)	01.060	2020-03
EN ISO/IEC 80079-34	Explosive atmospheres – Part 34: Application of quality systems for ex product manufacture (ISO/IEC 80079-34:2018)	29.260.20	2020-03
EN ISO 80601-2-12	Medical electrical equipment – Part 2-12: Particular requirements for basic safety and essential performance of critical care ventilators (ISO 80601-2-12:2020)	11.040.10	2020-03

Europska normizacija (CENELEC)

Oznaka norme	Naslov norme	ICS	Datum objave
EN 16602-10-09	Space product assurance – Nonconformance control system	49.140	2020-03
EN 16602-20	Space product assurance – Quality assurance	49.140	2020-03
EN 16603-50-12	Space engineering – SpaceWire – Links, nodes, routers and networks	49.140	2020-03
CEN/TR 17448	Space – Use of GNSS-based positioning for road Intelligent Transport Systems (ITS) – Metrics and Performance levels detailed definition	03.220.20; 33.060.30; 35.240.60	2020-03
EN 45552	General method for the assessment of the durability of energy-related products	13.020.20	2020-03
CLC/TR 50173-99-2	Information technology – Implementation of BCT applications using cabling in accordance with EN 50173-4	35.110	2020-03
CLC/TR 50174-99-2	Information technology – Cabling installation – Part 99-2: Mitigation and protection from electrical interference	35.110	2020-03
EN 50305	Railway applications – Railway rolling stock cables having special fire performance – Test methods	29.060.20; 45.060.01	2020-03
EN 50306-1	Railway applications – Railway rolling stock cables having special fire performance – Thin wall – Part 1: General requirements	13.220.40; 29.060.20; 45.060.01	2020-03
EN 50306-2	Railway applications – Railway rolling stock cables having special fire performance – Thin wall – Part 2: Single core cables	13.220.40; 29.060.20; 45.060.01	2020-03
EN 50306-3	Railway applications – Railway rolling stock cables having special fire performance – Thin wall – Part 3: Single core and multicore cables screened and thin wall sheathed	13.220.40; 29.060.20; 45.060.01	2020-03
EN 50306-4	Railway applications – Railway rolling stock cables having special fire performance – Thin wall – Part 4: Multicore and multipair screened or not screened sheathed cables	13.220.40; 29.060.20; 45.060.01	2020-03
EN 50678	General procedure for verifying the effectiveness of the protective measures of electrical equipment after repair	17.220.20; 29.020	2020-03
EN 55011/A11	Industrial, scientific and medical equipment – Radio-frequency disturbance characteristics – Limits and methods of measurement	33.100.10	2020-03
EN 55014-1/A11	Electromagnetic compatibility – Requirements for household appliances, electric tools and similar apparatus – Part 1: Emission	33.100.10	2020-03
EN IEC 55015/A11	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment	29.140.01; 33.100.10	2020-03
EN 55016-1-3/A2	Specification for radio disturbance and immunity measuring apparatus and methods – Part 1-3: Radio disturbance and immunity measuring apparatus – Ancillary equipment – Disturbance power (CISPR 16-1-3:2004/A2:2020)	33.100.01; 33.100.10; 33.100.20	2020-03
EN 55032/A11	Electromagnetic compatibility of multimedia equipment – Emission Requirements	33.100.10	2020-03
EN IEC 60098	Analogue audio disk records and reproducing equipment (IEC 60098:2020)	33.160.30	2020-03
EN 60436	Electric dishwashers for household use – Methods for measuring the performance (IEC 60436:2015, modified)	97.040.40	2020-03
EN 60570/A2	Electrical supply track systems for luminaires (IEC 60570:2003/A2:2019)	29.120.20; 29.140.40; 29.140.50	2020-03
EN 60598-2-22/A1	Luminaires – Part 2-22: Particular requirements – Luminaires for emergency lighting (IEC 60598-2-22:2014/A1:2017)	29.140.40; 91.160.10	2020-03
EN IEC 60704-2-7	Household and similar electrical appliances – Test code for the determination of airborne acoustical noise – Part 2-7: Particular requirements for fans (IEC 60704-2-7:2020)	17.140.20; 23.120	2020-03
EN 60754-1/A1	Test on gases evolved during combustion of materials from cables – Part 1: Determination of the halogen acid gas content (IEC 60754-1:2011/A1:2019)	13.220.40; 29.020; 29.060.20	2020-03
EN 60754-2/A1	Test on gases evolved during combustion of materials from cables – Part 2: Determination of acidity (by pH measurement) and conductivity (IEC 60754-2:2011/A1:2019)	13.220.40; 29.020; 29.060.20	2020-03

Oznaka norme	Naslov norme	ICS	Datum objave
EN IEC 60794-2-50	Optical fibre cables – Part 2-50: Indoor cables – Family specification for simplex and duplex cables for use in terminated cable assemblies (IEC 60794-2-50:2020)	33.180.10	2020-03
EN IEC 60947-5-2	Low-voltage switchgear and controlgear – Part 5-2: Control circuit devices and switching elements – Proximity switches (IEC 60947-5-2:2019)	29.120.40; 29.130.20	2020-03
EN IEC 61000-4-11	Electromagnetic compatibility (EMC) – Part 4-11: Testing and measurement techniques – Voltage dips, short interruptions and voltage variations immunity tests for equipment with input current up to 16 A per phase (IEC 61000-4-11:2020)	33.100.20	2020-03
EN 61000-4-25/A2	Electromagnetic compatibility (EMC) – Part 4-25: Testing and measurement techniques – HEMP immunity test methods for equipment and systems (IEC 61000-4-25:2001/A2:2019)	33.100.20; 33.100.99	2020-03
EN IEC 61162-460/A1	Maritime navigation and radiocommunication equipment and systems – Digital interfaces – Part 460: Multiple talkers and multiple listeners – Ethernet interconnection – Safety and security (IEC 61162-460:2018/A1:2020)	47.020.70	2020-03
EN IEC 61225	Nuclear power plants – Instrumentation, control and electrical power systems – Requirements for static uninterruptible DC and AC power supply systems (IEC 61225:2019)	27.120.20	2020-03
EN IEC 61300-2-4/A1	Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-4: Tests – Fibre or cable retention (IEC 61300-2-4:2019/A1:2020)	33.180.20	2020-03
EN IEC 61756-1	Fibre optic interconnecting devices and passive components – Interface standard for fibre management systems – Part 1: General and guidance (IEC 61756-1:2019)	33.180.01	2020-03
EN 61810-1/A1	Electromechanical elementary relays – Part 1: General and safety requirements (IEC 61810-1:2015/A1:2019)	29.120.70	2020-03
EN 61850-7-3/A1	Communication networks and systems for power utility automation – Part 7-3: Basic communication structure – Common data classes (IEC 61850-7-3:2010/A1:2020)	33.040.40; 33.200	2020-03
EN IEC 62031	LED modules for general lighting – Safety specifications (IEC 62031:2018)	29.140.99; 31.080.99	2020-03
EN IEC 62282-8-102	Fuel cell technologies – Part 8-102: Energy storage systems using fuel cell modules in reverse mode – Test procedures for the performance of single cells and stacks with proton exchange membranes, including reversible operation (IEC 62282-8-102:2019)	27.070	2020-03
EN IEC 62282-8-201	Fuel cell technologies – Part 8-201: Energy storage systems using fuel cell modules in reverse mode – Test procedures for the performance of power-to-power systems (IEC 62282-8-201:2020)	27.070	2020-03
EN IEC 62368-1	Audio/video, information and communication technology equipment – Part 1: Safety requirements (IEC 62368-1:2018)	31.020; 33.160.01; 35.020	2020-03
EN IEC 62368-1/A11	Audio/video, information and communication technology equipment – Part 1: Safety requirements	31.020; 33.160.01; 35.020	2020-03
EN IEC 62368-3	Audio/video, information and communication technology equipment – Part 3: Safety aspects for DC power transfer through communication cables and ports (IEC 62368-3:2017)	31.020; 33.160.01; 35.020	2020-03
EN IEC 62680-1-2	Universal serial bus interfaces for data and power – Part 1-2: Common components – USB Power Delivery specification (IEC 62680-1-2:2019)	29.220.01; 33.120.01; 35.200	2020-03
EN 62823/A1	Thyristor valves for thyristor controlled series capacitors (TCSC) – Electrical testing (IEC 62823:2015/A1:2019)	29.200; 29.240.99; 31.060.70	2020-03
EN 62841-3-4/A1	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 3-4: Particular requirements for transportable bench grinders (IEC 62841-3-4:2016/A1:2019)	25.080.50; 25.140.20	2020-03
EN 62841-3-4/A12	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 3-4: Particular requirements for transportable bench grinders	25.080.50; 25.140.20	2020-03
EN 62841-4-1	Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery – Safety – Part 4-1: Particular requirements for chain saws (IEC 62841-4-1:2017, modified)	25.140.20; 65.060.70; 65.060.80	2020-03

Oznaka norme	Naslov norme	ICS	Datum objave
EN IEC 62941	Terrestrial photovoltaic (PV) modules – Quality system for PV module manufacturing (IEC 62941:2019)	27.160	2020-03
EN IEC 62942	File format for professional transfer and exchange of digital audio data (IEC 62942:2019)	33.160.30	2020-03
EN IEC 63005-2	Event video data recorder for road vehicle accidents – Part 2: Test methods for evaluating the performance of basic functions (IEC 63005-2:2019)	33.160.40; 43.040.15	2020-03
EN IEC 63057	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for secondary lithium batteries for use in road vehicles not for the propulsion (IEC 63057:2020)	29.220.30	2020-03
EN IEC 63115-1	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Sealed nickel-metal hydride cells and batteries for use in industrial applications – Part 1: Performance (IEC 63115-1:2020)	29.220.30	2020-03
EN IEC 63171-6	Connectors for electrical and electronic equipment – Part 6: Detail specification for 2-way and 4-way (data/power), shielded, free and fixed connectors for power and data transmission with frequencies up to 600 MHz (IEC 63171-6:2020)	31.220.10	2020-03
EN ISO/IEC 15408-1	Information technology – Security techniques – Evaluation criteria for IT security – Part 1: Introduction and general model (ISO/IEC 15408-1:2009)	35.030	2020-03
EN ISO/IEC 15408-2	Information technology – Security techniques – Evaluation criteria for IT security – Part 2: Security functional components (ISO/IEC 15408-2:2008)	35.030	2020-03
EN ISO/IEC 18045	Information technology – Security techniques – Methodology for IT security evaluation (ISO/IEC 18045:2008)	35.030	2020-03
EN ISO/IEC 19790	Information technology – Security techniques – Security requirements for cryptographic modules (ISO/IEC 19790:2012)	35.030	2020-03
EN ISO/IEC 27019	Information technology – Security techniques – Information security controls for the energy utility industry (ISO/IEC 27019:2017, Corrected version 2019-08)	03.100.70	2020-03
EN ISO/IEC 29134	Information technology – Security techniques – Guidelines for privacy impact assessment (ISO/IEC 29134:2017)	35.030	2020-03

Europska normizacija (ETSI)

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI SR 003680 V 1.1.1	SmartM2M – Guidelines for Security, Privacy and Interoperability in IoT System Definition – A Concrete Approach	33.200	2020-03
ETSI TS 102657 V 1.25.1	Lawful Interception (LI) – Retained data handling – Handover interface for the request and delivery of retained data	33.040.35	2020-03
ETSI TS 103120 V 1.5.1	Lawful Interception (LI) – Interface for warrant information	33.040.35	2020-03
ETSI TS 103224 V 1.5.1	Speech and multimedia Transmission Quality (STQ) – A sound field reproduction method for terminal testing including a background noise database	33.040.01	2020-03
ETSI TR 103306 V 1.4.1	CYBER – Global Cyber Security Ecosystem	33.040.99; 35.030	2020-03
ETSI TS 103397 V 1.1.2	Core Network and Interoperability Testing (INT) – VoLTE and ViLTE interconnect, interworking and roaming test specification with QoS/QoE (3GPPTM Release 12)	33.040.99	2020-03
ETSI TS 103412 V 1.3.1	Mobile Standards Group (MSG) – Pan-European eCall end to end and in-band modem conformance testing – Prose test specification	33.070.01	2020-03
ETSI TS 103433-1 V 1.3.1	High-Performance Single Layer High Dynamic Range (HDR) System for use in Consumer Electronics devices – Part 1: Directly Standard Dynamic Range (SDR) Compatible HDR System (SL-HDR1)	33.170	2020-03
ETSI TS 103433-2 V 1.2.1	High-Performance Single Layer High Dynamic Range (HDR) System for use in Consumer Electronics devices – Part 2: Enhancements for Perceptual Quantization (PQ) transfer function based High Dynamic Range (HDR) Systems (SL-HDR2)	33.170	2020-03
ETSI TS 103433-3 V 1.1.1	High-Performance Single Layer High Dynamic Range (HDR) System for use in Consumer Electronics devices – Part 3: Enhancements for Hybrid Log Gamma (HLG) transfer function based High Dynamic Range (HDR) Systems (SL-HDR3)	33.170	2020-03
ETSI TS 103465 V 16.1.0	Smart Cards – Smart Secure Platform (SSP) – Requirements Specification	35.240.15	2020-03
ETSI TS 103478 V 1.2.1	Emergency Communications (EMTEL) – Pan-European Mobile Emergency Application	33.040.01	2020-03
ETSI TS 103557 V 1.3.1	Speech and multimedia Transmission Quality (STQ) – Methods for reproducing reverberation for communication device measurements	33.040.01	2020-03
ETSI TS 103564 V 1.3.1	Plugtests™ scenarios for Mission Critical Services	33.070.10	2020-03
ETSI TS 103663-1 V 1.1.1	Methods for Testing and Specification (MTS) – Conformance Test Suite for TTCN-3 Object Oriented Features – Part 1: Implementation Conformance Statement (ICS)	35.080	2020-03
ETSI TS 103663-2 V 1.1.1	Methods for Testing and Specification (MTS) – Conformance Test Suite for TTCN-3 Object Oriented Features – Part 2: Test Suite Structure and Test Purposes (TSS&TP)	35.080	2020-03
ETSI TS 103663-3 V 1.1.1	Methods for Testing and Specification (MTS) – Conformance Test Suite for TTCN-3 Object Oriented Features – Part 3: Abstract Test Suite (ATS) and IXIT	35.080	2020-03
ETSI TS 103681-1 V 1.1.1	Reconfigurable Radio Systems (RRS) – Radio Equipment (RE) information models and protocols for generalized software reconfiguration architecture – Part 1: generalized Multiradio Interface (gMURI)	33.060.20	2020-03
ETSI TS 103681-2 V 1.1.1	Reconfigurable Radio Systems (RRS) – Radio Equipment (RE) information models and protocols for generalized software reconfiguration architecture – Part 2: generalized Reconfigurable Radio Frequency Interface (gRRFI)	33.060.20	2020-03
ETSI TS 103681-3 V 1.1.1	Reconfigurable Radio Systems (RRS) – Radio Equipment (RE) information models and protocols for generalized software reconfiguration architecture – Part 3: generalized Unified Radio Application Interface (gURAI)	33.060.20	2020-03
ETSI TS 103681-4 V 1.1.1	Reconfigurable Radio Systems (RRS) – Radio Equipment (RE) information models and protocols for generalized software reconfiguration architecture – Part 4: generalized Radio Programming Interface (gRPI)	33.060.20	2020-03
ETSI TS 103707 V 1.1.1	Lawful Interception (LI) – Handover for messaging services over HTTP/XML	33.040.35	2020-03

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 118102 V 2.10.2	oneM2M – Requirements (oneM2M TS-0002 version 2.10.2 Release 2A)	33.200	2020-03
ETSI TS 118105 V 2.0.2	oneM2M – Management Enablement (OMA) (oneM2M TS-0005 version 2.0.2 Release 2A)	33.200	2020-03
ETSI TS 118106 V 2.2.1	oneM2M – Management Enablement (BBF) (oneM2M TS-0006 version 2.2.1 Release 2A)	33.200	2020-03
ETSI TS 118108 V 2.6.1	oneM2M – CoAP Protocol Binding (oneM2M TS-0008 version 2.6.1 Release 2A)	33.200	2020-03
ETSI TS 118109 V 2.13.1	oneM2M – HTTP Protocol Binding (oneM2M TS-0009 version 2.13.1 Release 2A)	33.200	2020-03
ETSI TS 118112 V 2.2.2	oneM2M – Base Ontology (oneM2M TS-0012 version 2.2.2 Release 2A)	33.200	2020-03
ETSI TS 118120 V 2.1.2	oneM2M – WebSocket Protocol Binding (oneM2M TS-0020 version 2.1.2 Release 2A)	33.200	2020-03
ETSI TS 118121 V 2.0.1	oneM2M – oneM2M and AllJoyn® Interworking (oneM2M TS-0021 version 2.0.1 Release 2A)	33.200	2020-03
ETSI TS 118122 V 2.3.1	oneM2M – Field Device Configuration (oneM2M TS-0022 version 2.3.1 Release 2A)	33.200	2020-03
ETSI TS 118123 V 2.0.2	oneM2M – Home Appliances Information Model and Mapping (oneM2M TS-0023 version 2.0.2 Release 2A)	33.200	2020-03
ETSI TS 118124 V 2.0.2	oneM2M – OIC Interworking (oneM2M TS-0024 version 2.0.2 Release 2A)	33.200	2020-03
ETSI TS 118125 V 2.0.0	Definition of product profiles (oneM2M TS-0025 version 2.0.0 Release 2A)	33.200	2020-03
ETSI TS 122071 V 15.1.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Location Services (LCS) – Service description – Stage 1 (3GPP TS 22.071 version 15.1.0 Release 15)	33.070.50	2020-03
ETSI TS 123501 V 15.9.0	5G – System architecture for the 5G System (5GS) (3GPP TS 23.501 version 15.9.0 Release 15)	33.070.50	2020-03
ETSI TS 123502 V 15.9.0	5G – Procedures for the 5G System (5GS) (3GPP TS 23.502 version 15.9.0 Release 15)	33.070.50	2020-03
ETSI TS 126260 V 15.2.0	5G – Objective test methodologies for the evaluation of immersive audio systems (3GPP TS 26.260 version 15.2.0 Release 15)	33.070.50	2020-03
ETSI TS 128532 V 15.5.0	5G – Management and orchestration – Generic management services (3GPP TS 28.532 version 15.5.0 Release 15)	33.070.50	2020-03
ETSI TS 128533 V 15.4.0	5G – Management and orchestration – Architecture framework (3GPP TS 28.533 version 15.4.0 Release 15)	33.070.50	2020-03
ETSI TS 128550 V 15.4.0	5G – Management and orchestration – Performance assurance (3GPP TS 28.550 version 15.4.0 Release 15)	33.070.50	2020-03
ETSI TS 132158 V 15.4.0	LTE – 5G – Management and orchestration – Design rules for REpresentational State Transfer (REST) Solution Sets (SS) (3GPP TS 32.158 version 15.4.0 Release 15)	33.070.50	2020-03
ETSI TS 132298 V 15.10.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Charging Data Record (CDR) parameter description (3GPP TS 32.298 version 15.10.0 Release 15)	33.070.50	2020-03
ETSI TS 132422 V 15.3.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Subscriber and equipment trace – Trace control and configuration management (3GPP TS 32.422 version 15.3.0 Release 15)	33.070.50	2020-03
ETSI TS 132423 V 15.2.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Subscriber and equipment trace – Trace data definition and management (3GPP TS 32.423 version 15.2.0 Release 15)	33.070.50	2020-03
ETSI TS 133401 V 15.11.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 3GPP System Architecture Evolution (SAE) – Security architecture (3GPP TS 33.401 version 15.11.0 Release 15)	33.070.50	2020-03

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 133501 V 15.8.0	5G – Security architecture and procedures for 5G System (3GPP TS 33.501 version 15.8.0 Release 15)	33.070.50	2020-03
ETSI GS ARF 003 V 1.1.1	Augmented Reality Framework (ARF) AR framework architecture	35.040.40; 35.140	2020-03
ETSI GR CIM 008 V 1.1.1	Context Information Management (CIM) – NGSI-LD Primer	35.240.30	2020-03
ETSI GR PDL 001 V 1.1.1	Permissioned Distributed Ledger (PDL) – Landscape of Standards and Technologies	35.240.99	2020-03
ETSI GR ZSM 004 V 1.1.1	Zero-touch network and Service Management (ZSM) – Landscape	35.110	2020-03
ETSI GS NFV-TST 010 V 2.4.1	Network Function Virtualisation (NFV) Release 2 – Testing – API Conformance Testing Specification	35.110	2020-03
ETSI GS OEU 020 V 1.1.1	Operational energy Efficiency for Users (OEU) – Carbon equivalent Intensity measurement – Operational infrastructures – Global KPIs – Global KPIs for ICT Sites	33.040.01	2020-03
ETSI GS PDL 005 V 1.1.1	Permissioned Distributed Ledger (PDL) – Proof of Concepts Framework	35.240.99	2020-03
EN 300019-2-8 V 2.2.1	Environmental Engineering (EE) – Environmental conditions and environmental tests for telecommunications equipment – Part 2-8: Specification of environmental tests – Stationary use at underground locations	19.040; 33.020	2020-03
EN 303213-5-1 V 1.1.1	Advanced Surface Movement Guidance and Control System (A-SMGCS) – Part 5: Harmonised Standard for access to radio spectrum for Multilateration (MLAT) equipment – Sub-part 1: Receivers and Interrogators	49.090	2020-03

Međunarodna normizacija (ISO)

Oznaka norme	Naslov norme	ICS	Datum objave
ISO 36	Rubber, vulcanized or thermoplastic – Determination of adhesion to textile fabrics	59.080.40; 83.060	2020-03
ISO 129-1 AMD 1	Technical product documentation (TPD) – Presentation of dimensions and tolerances – Part 1: General principles; Amendment 1	01.100.01	2020-03
ISO 556	Coke (greater than 20 mm in size) – Determination of mechanical strength	75.160.10	2020-03
ISO 2176 AMD 1	Petroleum products – Lubricating grease – Determination of dropping point; Amendment 1	75.100	2020-03
ISO 3262-1	Extenders – Specifications and methods of test – Part 1: Introduction and general test methods	87.060.10	2020-03
ISO 3387	Rubber – Determination of crystallization effects by hardness measurements	83.060	2020-03
ISO 3839 AMD 1	Petroleum products – Determination of bromine number of distillates and aliphatic olefins – Electrometric method; Amendment 1	71.080.10; 75.080	2020-03
ISO 4548-5	Methods of test for full-flow lubricating oil filters for internal combustion engines – Part 5: Test for hydraulic pulse durability	27.020	2020-03
ISO 4992-1	Steel castings – Ultrasonic testing – Part 1: Steel castings for general purposes	77.040.20; 77.140.80	2020-03
ISO 4992-2	Steel castings – Ultrasonic testing – Part 2: Steel castings for highly stressed components	77.040.20; 77.140.80	2020-03
ISO 5725-4	Accuracy (trueness and precision) of measurement methods and results – Part 4: Basic methods for the determination of the trueness of a standard measurement method	03.120.30; 17.020	2020-03
ISO 5912	Camping tents – Requirements and test methods	97.200.30	2020-03
ISO 6182-6	Fire protection – Automatic sprinkler systems – Part 6: Requirements and test methods for check valves	13.220.20	2020-03
ISO 6469-3 AMD 1	Electrically propelled road vehicles – Safety specifications – Part 3: Electrical safety – Amendment 1: Withstand voltage test for electric power sources	43.120	2020-03
ISO 6579-1 AMD 1	Microbiology of the food chain – Horizontal method for the detection, enumeration and serotyping of Salmonella – Part 1: Detection of Salmonella spp. – Amendment 1: Broader range of incubation temperatures, amendment to the status of Annex D, and correction of the composition of MSRV and SC	07.100.30	2020-03
ISO 6588-2	Paper, board and pulps – Determination of pH of aqueous extracts – Part 2: Hot extraction	85.040; 85.060	2020-03
ISO 6621-2	Internal combustion engines – Piston rings – Part 2: Inspection measuring principles	43.060.10	2020-03
ISO 7199 AMD 1	Cardiovascular implants and artificial organs – Blood-gas exchangers (oxygenators) – Amendment 1: Connectors	11.040.40	2020-03
ISO 7240-3	Fire detection and alarm systems – Part 3: Audible alarm devices	13.220.20	2020-03
ISO 7296-2	Cranes – Graphical symbols – Part 2: Mobile cranes	01.080.20; 53.020.20	2020-03
ISO 7313	Aircraft – High temperature convoluted hose assemblies in polytetrafluoroethylene (PTFE)	49.080; 83.140.40	2020-03
ISO 7524	Ferronickels – Determination of carbon content – Infrared absorption method after induction furnace combustion	77.100; 77.120.40	2020-03
ISO 7526	Ferronickels – Determination of sulfur content – Infrared absorption method after induction furnace combustion	77.100; 77.120.40	2020-03
ISO 8124-3	Safety of toys – Part 3: Migration of certain elements	97.200.50	2020-03
ISO 8551	Prosthetics and orthotics – Functional deficiencies – Description of the person to be treated with an orthosis, clinical objectives of treatment, and functional requirements of the orthosis	11.040.40	2020-03
ISO 8970	Timber structures – Testing of joints made with mechanical fasteners – Requirements for timber density	91.080.20	2020-03
ISO 8973 AMD 1	Liquefied petroleum gases – Calculation method for density and vapour pressure; Amendment 1	75.160.30	2020-03

Oznaka norme	Naslov norme	ICS	Datum objave
ISO 9021	Motorcycles and mopeds – Controls – Types, positions and functions	43.140	2020-03
ISO/TR 9241-393	Ergonomics of human-system interaction – Part 393: Structured literature review of visually induced motion sickness during watching electronic images	13.180	2020-03
ISO/TS 10993-19	Biological evaluation of medical devices – Part 19: Physico-chemical, morphological and topographical characterization of materials	11.100.20	2020-03
ISO 11105	Small craft – Ventilation of petrol engine and/or petrol tank compartments	47.080	2020-03
ISO 11203 AMD 1	Acoustics – Noise emitted by machinery and equipment – Determination of emission sound pressure levels at a work station and at other specified positions from the sound power level; Amendment 1	17.140.20	2020-03
ISO 11357-2	Plastics – Differential scanning calorimetry (DSC) – Part 2: Determination of glass transition temperature and step height	83.080.01	2020-03
ISO 11845	Corrosion of metals and alloys – General principles for corrosion testing	77.060	2020-03
ISO 11961 AMD 1	Petroleum and natural gas industries – Steel drill pipe; Amendment 1	75.180.10; 77.140.75	2020-03
ISO 12822	Glass packaging – 26 H 126 crown finish – Dimensions	55.100	2020-03
ISO 13041-1	Test conditions for numerically controlled turning machines and turning centres – Part 1: Geometric tests for machines with horizontal workholding spindle(s)	25.040.20; 25.080.10	2020-03
ISO 13041-2	Test conditions for numerically controlled turning machines and turning centres – Part 2: Geometric tests for machines with a vertical workholding spindle	25.040.20	2020-03
ISO 13824	Bases for design of structures – General principles on risk assessment of systems involving structures	91.080.01	2020-03
ISO 14088; IULTCS/IUC 32	Leather – Chemical tests – Quantitative analysis of tanning agents by filter method	59.140.30	2020-03
ISO 14420	Carbonaceous products for the production of aluminium – Baked anodes and shaped carbon products – Determination of the coefficient of linear thermal expansion	71.100.10	2020-03
ISO 14484	Performance guidelines for design of concrete structures using fibre-reinforced polymer (FRP) materials	83.120; 91.080.40; 91.100.30	2020-03
ISO 14649-17	Industrial automation systems and integration – Physical device control – Data model for computerized numerical controllers – Part 17: Process data for additive manufacturing	25.030; 25.040.20	2020-03
ISO 14906 AMD 1	Electronic fee collection – Application interface definition for dedicated short-range communication; Amendment 1	03.220.20; 35.240.60	2020-03
ISO 14907-1	Electronic fee collection – Test procedures for user and fixed equipment – Part 1: Description of test procedures	35.240.60; 43.040.15	2020-03
ISO 15077	Tractors and self-propelled machinery for agriculture – Operator controls – Actuating forces, displacement, location and method of operation	65.060.01	2020-03
ISO/IEC 15963-1	Information technology – Radio frequency identification for item management – Part 1: Unique identification for RF tags numbering systems	35.040.50	2020-03
ISO/IEC 15963-2	Information technology – Radio frequency identification for item management – Part 2: Unique identification for RF tags registration procedures	35.040.50	2020-03
ISO/TR 16475	General practices for the repair of water-leakage cracks in concrete structures	91.080.40	2020-03
ISO 16624	Wheat flour and durum wheat semolina – Determination of colour by diffuse reflectance colorimetry	67.060	2020-03
ISO/TS 16785	Electronic Fee Collection (EFC) – Application interface definition between DSRC-OBE and external in-vehicle devices	03.220.01; 35.240.60	2020-03
ISO 16972	Respiratory protective devices – Vocabulary and graphical symbols	01.040.13; 13.340.30	2020-03

Oznaka norme	Naslov norme	ICS	Datum objave
ISO/TS 16976-5	Respiratory protective devices – Human factors – Part 5: Thermal effects	13.340.30	2020-03
ISO/TS 17225-9	Solid biofuels – Fuel specifications and classes – Part 9: Graded hog fuel and wood chips for industrial use	27.190; 75.160.40	2020-03
ISO 17927-1	Welding for aerospace applications – Fusion welding of metallic components – Part 1: Process specification	25.160.01	2020-03
ISO 17927-2	Welding for aerospace applications – Fusion welding of metallic components – Part 2: Acceptance criteria	25.160.01	2020-03
ISO/TS 17988	Dentistry – Corrosion test methods for dental amalgam	11.060.10	2020-03
ISO/IEC 18046-2	Information technology – Radio frequency identification device performance test methods – Part 2: Test methods for interrogator performance	35.040.50	2020-03
ISO 18526-1	Eye and face protection – Test methods – Part 1: Geometrical optical properties	13.340.20	2020-03
ISO 18662-2	Traditional Chinese medicine – Vocabulary – Part 2: Processing of Chinese Materia Medica	01.040.11; 11.020.99	2020-03
ISO 18692-3	Fibre ropes for offshore stationkeeping – Part 3: High modulus polyethylene (HMPE)	59.080.50	2020-03
ISO 19064-2	Plastics – Styrene-acrylonitrile (SAN) moulding and extrusion materials – Part 2: Preparation of test specimens and determination of properties	83.080.20	2020-03
ISO 19066-2	Plastics – Methyl methacrylate-acrylonitrile-butadiene-styrene (MABS) moulding and extrusion materials – Part 2: Preparation of test specimens and determination of properties	83.080.20	2020-03
ISO 19085-11	Woodworking machines – Safety – Part 11: Combined machines	13.110; 79.120.10	2020-03
ISO 19301	Graphic technology – Guidelines for schema writers – Template for colour quality management	03.120.20; 37.100.01	2020-03
ISO/TS 19808	Nanotechnologies – Carbon nanotube suspensions – Specification of characteristics and measurement methods	07.120	2020-03
ISO 19880-1	Gaseous hydrogen – Fuelling stations – Part 1: General requirements	43.060.40; 71.100.20	2020-03
ISO 19959	Steels, nickel alloys and cobalt alloys investment castings – Visual testing of surface quality	77.140.80	2020-03
ISO 20320	Protective clothing for use in snowboarding – Wrist protectors – Requirements and test methods	13.340.40; 97.220.20	2020-03
ISO 20321	Petroleum, petrochemical and natural gas industries – Safety of machineries – Powered elevators	13.110; 75.180.10	2020-03
ISO 20616-2	Graphic technology – File format for quality control and metadata – Part 2: Print Quality eXchange (PQX)	35.240.30; 37.100.99	2020-03
ISO 20695	Enteral feeding systems – Design and testing	11.040.25	2020-03
ISO/TS 21054	Ergonomics – Accessible design – Controls of consumer products	13.180	2020-03
ISO 21111-4	Road vehicles – In-vehicle Ethernet – Part 4: General requirements and test methods of optical gigabit Ethernet components	43.040.10	2020-03
ISO/TS 21256-1	Fine bubble technology – Cleaning applications – Part 1: Test method for cleaning salt (NaCl)-stained surfaces	07.030	2020-03
ISO 21388	Acoustics – Hearing aid fitting management (HAFM)	11.020.10; 11.180.15; 17.140.01	2020-03
ISO 21406	Tourism and related services – Yacht harbours – Essential requirements for luxury harbours	03.080.30; 03.200.99	2020-03
ISO 21713	Fine ceramics (advanced ceramics, advanced technical ceramics) – Determination of elastic modulus of ceramics at high temperature by thin wall C-ring method	81.060.30	2020-03
ISO 21809-3 AMD 1	Petroleum and natural gas industries – External coatings for buried or submerged pipelines used in pipeline transportation systems – Part 3: Field joint coatings – Amendment 1: Introduction of mesh-backed coating systems	75.200	2020-03
ISO/TS 21826	Iron ores – Determination of total iron content – EDTA photometric titration method	73.060.10	2020-03

Oznaka norme	Naslov norme	ICS	Datum objave
ISO 21896	Paper, pulp, and recycling – Decolouration test of dye coloured paper products and paper products printed using dye inks	85.080.01	2020-03
ISO 21905	Gas turbine exhaust systems with or without waste heat recovery	27.040	2020-03
ISO 22190	Soil quality – Use of extracts for the assessment of bioavailability of trace elements in soils	13.080.30	2020-03
ISO/TR 22370	Security and resilience – Urban resilience – Framework and principles	03.100.01; 13.020.20	2020-03
ISO 22468	Value stream management (VSM)	03.100.01	2020-03
ISO 22526-2	Plastics – Carbon and environmental footprint of biobased plastics – Part 2: Material carbon footprint, amount (mass) of CO ₂ removed from the air and incorporated into polymer molecule	13.020.40; 83.080.01	2020-03
ISO 22766	Plastics – Determination of the degree of disintegration of plastic materials in marine habitats under real field conditions	83.080.01	2020-03
ISO 22894	Traditional Chinese medicine – Pulse waveform format	35.240.80	2020-03
ISO/IEC 23000-19	Information technology – Multimedia application format (MPEG-A) – Part 19: Common media application format (CMAF) for segmented media	35.040.40	2020-03
ISO/IEC 23092-3	Information technology – Genomic information representation – Part 3: Metadata and application programming interfaces (APIs)	35.040.99	2020-03
ISO 23153-1	Plastics – Polyetheretherketone (PEEK) moulding and extrusion materials – Part 1: Designation system and basis for specifications	83.080.20	2020-03
ISO 23386	Building information modelling and other digital processes used in construction – Methodology to describe, author and maintain properties in interconnected data dictionaries	35.240.67	2020-03
ISO 23572	Petroleum products – Lubricating greases – Sampling of greases	75.100	2020-03
ISO/PAS 23678-1	Service personnel for the maintenance, thorough examination, operational testing, overhaul and repair of lifeboats (including free-fall lifeboats) and rescue boats (including fast rescue boats), launching appliances and release gear – Part 1: General requirements for training providers	03.100.30; 47.020.01	2020-03
ISO/PAS 23678-2	Service personnel for the maintenance, thorough examination, operational testing, overhaul and repair of lifeboats (including free-fall lifeboats) and rescue boats (including fast rescue boats), launching appliances and release gear – Part 2: Service personnel initial training	03.100.30; 47.020.01	2020-03
ISO/PAS 23678-3	Service personnel for the maintenance, thorough examination, operational testing, overhaul and repair of lifeboats (including free-fall lifeboats) and rescue boats (including fast rescue boats), launching appliances and release gear – Part 3: Level 1 technician training	03.100.30; 47.020.01	2020-03
ISO/PAS 23678-4	Service personnel for the maintenance, thorough examination, operational testing, overhaul and repair of lifeboats (including free-fall lifeboats) and rescue boats (including fast rescue boats), launching appliances and release gear – Part 4: Level 2 in-field competence	03.100.30; 47.020.01	2020-03
ISO/TR 23932-2	Fire safety engineering – General principles – Part 2: Example of a dry-cleaning store	13.220.01	2020-03
ISO 24409-1	Ships and marine technology – Design, location and use of shipboard safety signs, fire control plan signs, safety notices and safety markings – Part 1: Design principles	47.020.01	2020-03
ISO 24552	Ergonomics – Accessible design – Accessibility of information presented on visual displays of small consumer products	13.180; 35.180	2020-03
ISO 28399	Dentistry – External tooth bleaching products	97.170	2020-03
ISO/IEC 30105-3 AMD 1	Information technology – IT Enabled Services-Business Process Outsourcing (ITES-BPO) lifecycle processes – Part 3: Measurement framework (MF) and organization maturity model (OMM); Amendment 1	35.020	2020-03
ISO 35102	Petroleum and natural gas industries – Arctic operations – Escape, evacuation and rescue from offshore installations	75.020	2020-03

Međunarodna normizacija (IEC)

Oznaka norme	Naslov norme	ICS	Datum objave
IECQ 01-S	IEC Quality Assessment System for Electronic Components (IECQ System) – IECQ Supplement to IEC Conformity Assessment Systems – Basic Rules IEC CA 01	03.120.20	2020-03
IECQ 03-1	IEC Quality Assessment System for Electronic Components (IECQ System) – Rules of Procedure – Part 1: General Requirements for all IECQ Schemes	31.020	2020-03
IECQ 03-6	IEC Quality Assessment System for Electronic Components (IECQ System) – Rules of Procedure – Part 6: IECQ ITL Scheme – Independent Testing Laboratory Assessment Program Requirements	31.020	2020-03
IEC 60034-2-3	Rotating electrical machines – Part 2-3: Specific test methods for determining losses and efficiency of converter-fed AC motors	29.160.01	2020-03
IEC 60050-426	International Electrotechnical Vocabulary (IEV) – Part 426: Explosive atmospheres	01.040.29; 29.020; 29.260.20	2020-03
IEC/TR 60076-26	Power transformers – Part 26: Functional requirements of insulating liquids for use in power transformers	29.180	2020-03
IEC 60079-14 Interpretation Sheet 2	Explosive Atmospheres – Part 14: Electrical installations design, selection and erection; Interpretation Sheet 2	29.260.20	2020-03
IEC 60079-29-1 AMD 1	Explosive atmospheres – Part 29-1: Gas detectors – Performance requirements of detectors for flammable gases; Amendment 1	29.260.20	2020-03
IEC 60079-29-1 Edition 2.1	Explosive atmospheres – Part 29-1: Gas detectors – Performance requirements of detectors for flammable gases	29.260.20	2020-03
IEC 60115-1	Fixed resistors for use in electronic equipment – Part 1: Generic specification	31.040.10	2020-03
IEC 60335-2-24 AMD 2 Interpretation Sheet 2	Household and similar electrical appliances – Safety – Part 2-24: Particular requirements for refrigerating appliances, ice-cream appliances and ice-makers; Amendment 2; Interpretation Sheet 2	97.040.30	2020-03
IEC 60335-2-118	Household and similar electrical appliances – Safety – Part 2-118: Particular requirements for professional ice-cream makers	13.120; 67.260; 97.040.30; 97.040.99	2020-03
IEC 60519-1	Safety in installations for electroheating and electromagnetic processing – Part 1: General requirements	25.180.10	2020-03
IEC 60667-3-1	Vulcanized fibre for electrical purposes – Part 3: Specifications for individual materials – Sheet 1: Flat sheets	29.035.10	2020-03
IEC 60704-2-8	Household and similar electrical appliances – Test code for the determination of airborne acoustical noise – Part 2-8: Particular requirements for electric shavers, hair clippers or trimmers	17.140.20; 97.170	2020-03
IEC 60794-1-21 AMD 1	Optical fibre cables – Part 1-21: Generic specification – Basic optical cable test procedures – Mechanical test methods; Amendment 1	33.180.10	2020-03
IEC 60794-1-21 Edition 1.1	Optical fibre cables – Part 1-21: Generic specification – Basic optical cable test procedures – Mechanical test methods	33.180.10	2020-03
IEC 60898-1 AMD 1 Corrigendum 1	Electrical accessories – Circuit-breakers for overcurrent protection for household and similar installations – Part 1: Circuit-breakers for a.c. operation; Amendment 1; Corrigendum 1	29.120.50	2020-03
IEC 60947-4-1 Interpretation Sheet 1	Low-voltage switchgear and controlgear – Part 4-1: Contactors and motor-starters – Electromechanical contactors and motor-starters; Interpretation Sheet 1	29.120.99; 29.130.20	2020-03
IEC 61000-4-36	Electromagnetic compatibility (EMC) – Part 4-36: Testing and measurement techniques – IEMI immunity test methods for equipment and systems	33.100.20	2020-03
IEC/TR 61000-4-40	Electromagnetic compatibility (EMC) – Part 4-40: Testing and measurement techniques – Digital methods for the measurement of power quantities of modulated or distorted signals	33.100.01	2020-03

Oznaka norme	Naslov norme	ICS	Datum objave
IEC 61076-3-124 Corrigendum 1	Connectors for electrical and electronic equipment – Product requirements – Part 3-124: Rectangular connectors – Detail specification for 10-way, shielded, free and fixed connectors for I/O and data transmission with frequencies up to 500 MHz; Corrigendum 1	31.220.10	2020-03
IEC 61108-5	Maritime navigation and radiocommunication equipment and systems – Global navigation satellite systems (GNSS) – Part 5: BeiDou navigation satellite system (BDS) – Receiver equipment – Performance requirements, methods of testing and required test results	47.020.70	2020-03
IEC 61163-2	Reliability stress screening – Part 2: Components	03.120.01; 31.020	2020-03
IEC/TR 61191-7	Printed board assemblies – Part 7: Technical cleanliness of components and printed board assemblies	31.180; 31.190	2020-03
IEC/TS 61200-102	Electrical installation guide – Part 102: Application guidelines for low-voltage direct current electrical installations not intended to be connected to a public distribution network	91.140.50	2020-03
IEC/TR 61292-3	Optical amplifiers – Part 3: Classification, characteristics and applications	33.160.10; 33.180.30	2020-03
IEC 61300-2-19 Corrigendum 1	Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-19: Tests – Damp heat (steady state); Corrigendum 1	33.180.20	2020-03
IEC 61400-12-1 Corrigendum 2	Wind energy generation systems – Part 12-1: Power performance measurements of electricity producing wind turbines; Corrigendum 2	27.180	2020-03
IEC 61547	Equipment for general lighting purposes – EMC immunity requirements	29.020; 29.140.01; 33.100.10; 33.100.20; 91.160.01	2020-03
IEC 61643-331	Components for low-voltage surge protection – Part 331: Performance requirements and test methods for metal oxide varistors (MOV)	29.120.50; 31.040.20	2020-03
IEC 61757-1-1	Fibre optic sensors – Part 1-1: Strain measurement – Strain sensors based on fibre Bragg gratings	33.180.99	2020-03
IEC 61788-4	Superconductivity – Part 4: Residual resistance ratio measurement – Residual resistance ratio of NbTi and Nb3Sn composite superconductors	17.220.20; 29.050	2020-03
IEC 61788-7	Superconductivity – Part 7: Electronic characteristic measurements – Surface resistance of high-temperature superconductors at microwave frequencies	17.220.20; 29.050	2020-03
IEC 61897	Overhead lines – Requirements and tests for aeolian vibration dampers	29.240.20	2020-03
IEC 62003	Nuclear power plants – Instrumentation, control and electrical power systems – Requirements for electromagnetic compatibility testing	27.120.20	2020-03
IEC 62024-2	High frequency inductive components – Electrical characteristics and measuring methods – Part 2: Rated current of inductors for DC-to-DC converters	29.100.10	2020-03
IEC 62135-2	Resistance welding equipment – Part 2: Electromagnetic compatibility (EMC) requirements	25.160.30; 33.100.01	2020-03
IEC/TS 62196-3-1	Plugs, socket-outlets, vehicle connectors and vehicle inlets – Conductive charging of electric vehicles – Part 3-1: Vehicle connector, vehicle inlet and cable assembly for DC charging intended to be used with a thermal management system	29.120.30; 43.040.10; 43.120	2020-03
IEC 62386-105	Digital addressable lighting interface – Part 105: Particular requirements for control gear and control devices – Firmware transfer	29.140.30; 29.140.50; 29.140.99; 35.240.99	2020-03
IEC 62446-2	Photovoltaic (PV) systems – Requirements for testing, documentation and maintenance – Part 2: Grid connected systems – Maintenance of PV systems	27.160	2020-03
IEC 62505-3-1	Railway applications – Fixed installations – Particular requirements for AC switchgear – Part 3-1: Measurement, control and protection devices for specific use in AC traction systems – Devices	29.130.20; 29.180; 29.280; 45.060.01	2020-03

Oznaka norme	Naslov norme	ICS	Datum objave
IEC 62505-3-2	Railway applications – Fixed installations – Particular requirements for AC switchgear – Part 3-2: Measurement, control and protection devices for specific use in AC traction systems – Current transformers	29.130.20; 29.280; 45.060.01	2020-03
IEC 62610-6	Mechanical structures for electrical and electronic equipment – Thermal management for cabinets in accordance with IEC 60297 and IEC 60917 series – Part 6: Air recirculation and bypass of indoor cabinets	23.120; 31.240	2020-03
IEC 62788-5-1	Measurement procedures for materials used in photovoltaic modules – Part 5-1: Edge seals – Suggested test methods for use with edge seal materials	27.160	2020-03
IEC 62788-6-2	Measurement procedures for materials used in photovoltaic modules – Part 6-2: General tests – Moisture permeation testing of polymeric materials	27.160	2020-03
IEC 62812 Corrigendum 1	Low resistance measurements – Methods and guidance; Corrigendum 1	17.220.20; 31.040.01	2020-03
IEC 62852 AMD 1	Connectors for DC-application in photovoltaic systems – Safety requirements and tests; Amendment 1	27.160; 29.120.30	2020-03
IEC 62852 Edition 1.1	Connectors for DC-application in photovoltaic systems – Safety requirements and tests	27.160; 29.120.30	2020-03
IEC 62946-01 Corrigendum 1	Connectors for electrical and electronic equipment – Part 01: Rectangular connectors – Detail specification for 8-way, shielded, free and fixed high density connectors for data transmission with frequencies up to 100 MHz and with current carrying capacity up to 1 A; Corrigendum 1	31.220.10	2020-03
IEC 62946-02 Corrigendum 1	Connectors for electronic equipment – Part 02: Detail specification for 8-way, unshielded, free and fixed high density connectors for data transmission with frequencies up to 250 MHz and with current carrying capacity up to 1 A; Corrigendum 1	31.220.10	2020-03
IEC 62960	Dependability reviews during the life cycle	03.120.01; 29.020	2020-03
IEC 62984-1	High-temperature secondary batteries – Part 1: General requirements	29.220.01; 29.220.20	2020-03
IEC 62984-2	High-temperature secondary batteries – Part 2: Safety requirements and tests	29.220.01; 29.220.20	2020-03
IEC 63008	Household and similar electrical appliances – Accessibility of control elements, doors, lids, drawers and handles	11.180.01; 13.180; 97.030	2020-03
IEC 63056	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for secondary lithium cells and batteries for use in electrical energy storage systems	29.220.30	2020-03
IEC 63093-2	Ferrite cores – Guidelines on dimensions and the limits of surface irregularities – Part 2: Pot-cores for use in telecommunications, power supply, and filter applications	29.100.10	2020-03
IEC 63093-3	Ferrite cores – Guidelines on dimensions and the limits of surface irregularities – Part 3: Half pot-cores made of ferrite for inductive proximity switches	29.100.10	2020-03
IEC 63172	Electrical accessories – Methodology for determining the energy efficiency class of electrical accessories	27.015; 29.120.01; 29.120.99	2020-03
IEC/TS 63208	Low-voltage switchgear and controlgear – Security aspects	29.130.20	2020-03
ISO/IEC/IEEE 8802-1AC Technical Corrigendum 1	Information technology – Telecommunications and information exchange between systems – Local and metropolitan area networks – Part 1AC: Media access control (MAC) service definition – Technical Corrigendum 1: Logical Link Control (LLC) Encapsulation EtherType	35.110	2020-03
ISO/IEC 20085-2	IT Security techniques – Test tool requirements and test tool calibration methods for use in testing non-invasive attack mitigation techniques in cryptographic modules – Part 2: Test calibration methods and apparatus	35.030	2020-03
ISO/IEC 20547-3	Information technology – Big data reference architecture – Part 3: Reference architecture	35.020	2020-03
ISO/IEC TS 20748-3	Information technology for learning, education and training – Learning analytics interoperability – Part 3: Guidelines for data interoperability	03.100.30; 03.180; 35.240.90	2020-03

Oznaka norme	Naslov norme	ICS	Datum objave
ISO/IEC 23093-1	Information technology – Internet of media things – Part 1: Architecture	35.040.40	2020-03
ISO/IEC 24779-5	Information technology – Cross-jurisdictional and societal aspects of implementation of biometric technologies – Pictograms, icons and symbols for use with biometric systems – Part 5: Face applications	01.080.50; 35.240.15	2020-03
ISO/IEC 27006 AMD 1	Information technology – Security techniques – Requirements for bodies providing audit and certification of information security management systems; Amendment 1	35.030	2020-03
ISO/IEC 29170-2 AMD 1	Information technology – Advanced image coding and evaluation – Part 2: Evaluation procedure for nearly lossless coding – Amendment 1: Evaluation procedure parameters for nearly lossless coding of high dynamic range media and image sequences	35.040.30	2020-03
ISO/IEC 30193	Information technology – Digitally recorded media for information interchange and storage – 120 mm Triple Layer (100,0 Gbytes per disk) BD Rewritable disk	35.220.30	2020-03
ISO/IEC TS 33060	Information technology – Process assessment – Process assessment model for system life cycle processes	35.080	2020-03